

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110822\
 Data File : VN075209.D
 Acq On : 08 Nov 2022 17:00
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/09/2022
 Supervised By : Mahesh Dadoda 11/09/2022

Quant Time: Nov 09 01:33:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	116637	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	212633	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	199524	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	119335	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	74080	47.138	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.280%		
35) Dibromofluoromethane	8.171	113	61622	49.366	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.740%		
50) Toluene-d8	10.565	98	241206	49.806	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.620%		
62) 4-Bromofluorobenzene	12.847	95	90918	53.443	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	106.880%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	68077	44.867	ug/l	97
3) Chloromethane	2.371	50	65865	40.868	ug/l	97
4) Vinyl Chloride	2.524	62	88085	38.312	ug/l	94
5) Bromomethane	2.942	94	69017	41.066	ug/l	97
6) Chloroethane	3.118	64	62941	38.177	ug/l	97
7) Trichlorofluoromethane	3.501	101	108871	46.354	ug/l	100
8) Diethyl Ether	3.965	74	40525	47.305	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.377	101	62474	48.165	ug/l	99
10) Methyl Iodide	4.589	142	87274	45.196	ug/l	99
11) Tert butyl alcohol	5.536	59	64747	176.668	ug/l	100
12) 1,1-Dichloroethene	4.348	96	57370	46.402	ug/l	97
13) Acrolein	4.189	56	48347	161.281	ug/l	98
14) Allyl chloride	5.030	41	82846m	45.879	ug/l	
15) Acrylonitrile	5.730	53	167388	216.212	ug/l	99
16) Acetone	4.436	43	135273	203.286	ug/l	96
17) Carbon Disulfide	4.718	76	129582	41.677	ug/l	98
18) Methyl Acetate	5.036	43	101553	46.721	ug/l	96
19) Methyl tert-butyl Ether	5.806	73	222610	48.443	ug/l	99
20) Methylene Chloride	5.283	84	68328	46.053	ug/l	91
21) trans-1,2-Dichloroethene	5.789	96	63534	46.933	ug/l	97
22) Diisopropyl ether	6.677	45	188883	47.399	ug/l	99
23) Vinyl Acetate	6.612	43	703251m	211.335	ug/l	
24) 1,1-Dichloroethane	6.577	63	118298	46.938	ug/l	100
25) 2-Butanone	7.489	43	214891	205.312	ug/l	100
26) 2,2-Dichloropropane	7.494	77	109334	47.156	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	79867	49.404	ug/l	96
28) Bromochloromethane	7.818	49	47049	44.284	ug/l	93
29) Tetrahydrofuran	7.841	42	142105	210.109	ug/l	99
30) Chloroform	7.971	83	132895	48.566	ug/l	97
31) Cyclohexane	8.259	56	98924	42.323	ug/l	95
32) 1,1,1-Trichloroethane	8.171	97	122383	49.250	ug/l	98
36) 1,1-Dichloropropene	8.371	75	95301	49.314	ug/l	100
37) Ethyl Acetate	7.565	43	88399	41.710	ug/l	99
38) Carbon Tetrachloride	8.365	117	106251	49.982	ug/l	94
39) Methylcyclohexane	9.600	83	120992	47.424	ug/l	98
40) Benzene	8.606	78	287820	48.642	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	44648	43.971	ug/l	94
42) 1,2-Dichloroethane	8.677	62	100848	46.846	ug/l	97
43) Isopropyl Acetate	8.689	43	150391	45.747	ug/l	98
44) Trichloroethene	9.353	130	83034	55.933	ug/l	100
45) 1,2-Dichloropropane	9.624	63	71202	50.564	ug/l	98
46) Dibromomethane	9.712	93	54180	49.386	ug/l	99
47) Bromodichloromethane	9.888	83	106437	50.099	ug/l #	97
48) Methyl methacrylate	9.683	41	67880	45.014	ug/l	96
49) 1,4-Dioxane	9.694	88	36022	912.217	ug/l	94
51) 4-Methyl-2-Pentanone	10.447	43	470305	221.697	ug/l	98
52) Toluene	10.630	92	195652	49.464	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	114038	50.854	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	118823	49.958	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	79262	50.538	ug/l	97
56) Ethyl methacrylate	10.877	69	120273	50.274	ug/l	98
57) 1,3-Dichloropropane	11.165	76	129918	49.742	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	246765	266.811	ug/l	99
59) 2-Hexanone	11.194	43	341400	212.042	ug/l	97
60) Dibromochloromethane	11.359	129	87969	53.164	ug/l	100
61) 1,2-Dibromoethane	11.471	107	82713	51.462	ug/l	99
64) Tetrachloroethene	11.106	164	97146	79.416	ug/l	96
65) Chlorobenzene	11.894	112	214328	50.325	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	82021	51.916	ug/l	98
67) Ethyl Benzene	11.965	91	388414	50.691	ug/l	98
68) m/p-Xylenes	12.071	106	314567	102.315	ug/l	99
69) o-Xylene	12.400	106	156435	51.450	ug/l	96
70) Styrene	12.412	104	255451	52.691	ug/l	99
71) Bromoform	12.576	173	63357	53.563	ug/l #	98
73) Isopropylbenzene	12.694	105	406488	42.429	ug/l	99
74) N-amyl acetate	12.494	43	133577	37.698	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	101072	35.411	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	104990m	41.436	ug/l	
77) Bromobenzene	12.982	156	94655	44.871	ug/l	91
78) n-propylbenzene	13.035	91	471814	43.864	ug/l	100
79) 2-Chlorotoluene	13.124	91	282222	42.938	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	355662	44.200	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	38394	38.897	ug/l	91
82) 4-Chlorotoluene	13.124	91	282222	42.938	ug/l	96
83) tert-Butylbenzene	13.441	119	322558	45.113	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	369057	45.330	ug/l	99
85) sec-Butylbenzene	13.618	105	463931	46.382	ug/l	100
86) p-Isopropyltoluene	13.729	119	402465	48.721	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	199281	48.249	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	199377	48.776	ug/l	99
89) n-Butylbenzene	14.059	91	343826	51.687	ug/l	98
90) Hexachloroethane	14.335	117	66130	43.662	ug/l	90
91) 1,2-Dichlorobenzene	14.106	146	199214	48.516	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.718	75	27197	42.086	ug/l	70
93) 1,2,4-Trichlorobenzene	15.394	180	103196	58.404	ug/l	99
94) Hexachlorobutadiene	15.500	225	45763	53.127	ug/l	98
95) Naphthalene	15.641	128	355000	52.245	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	97548	55.563	ug/l	97

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Response via : Initial Calibration

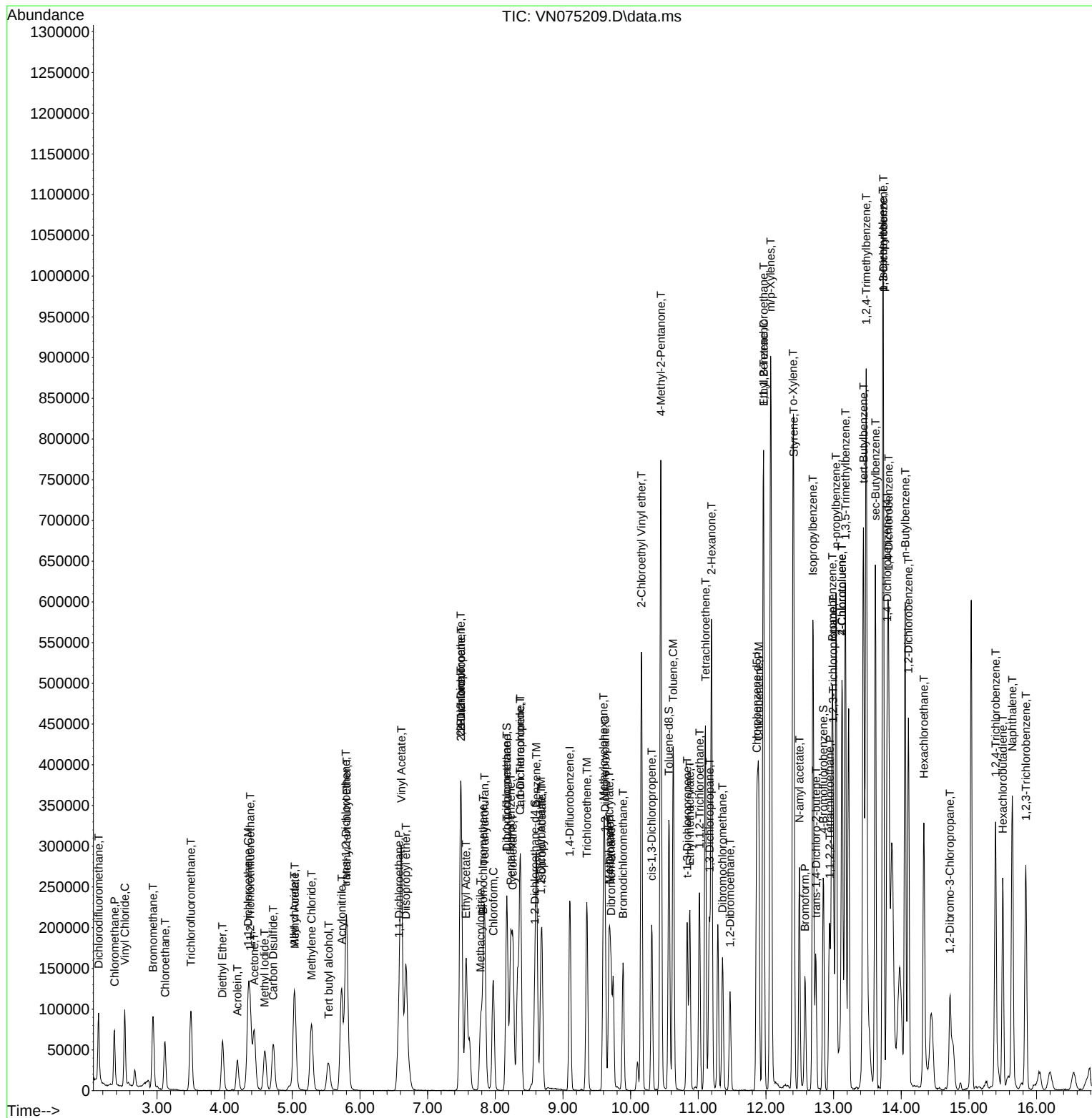
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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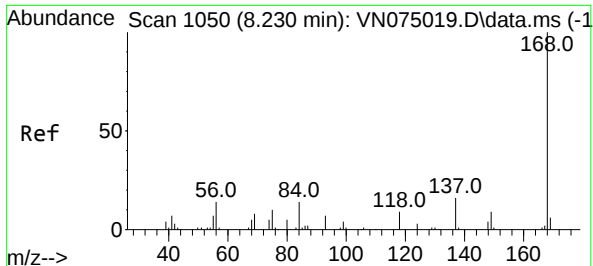
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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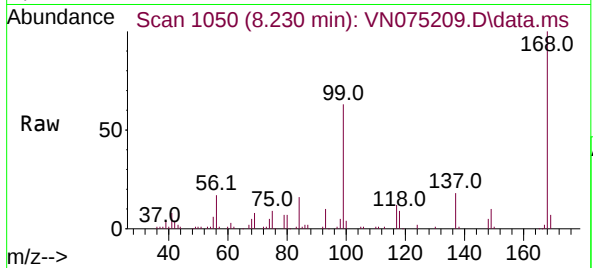
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075209.D
Acq: 08 Nov 2022 17:00

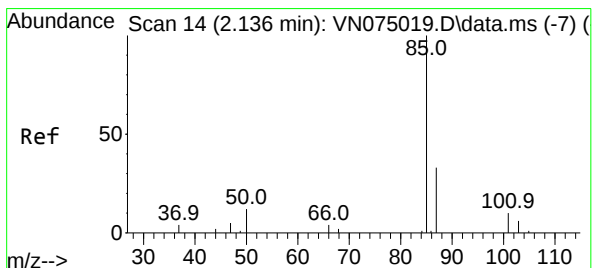
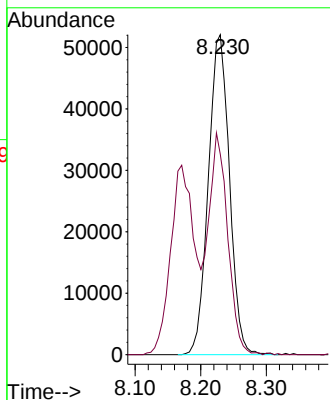
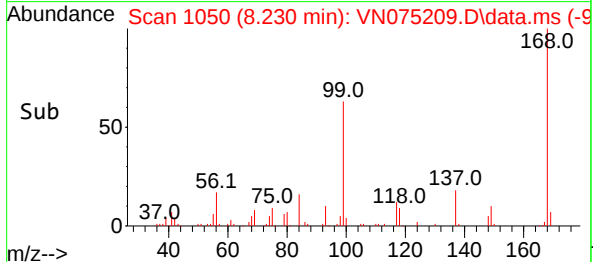
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Tgt Ion:168 Resp: 11663
Ion Ratio Lower Upper
168 100
99 62.3 51.6 77.4

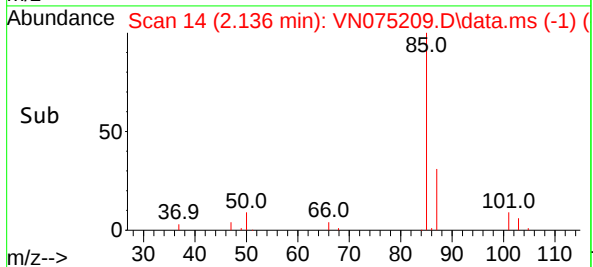
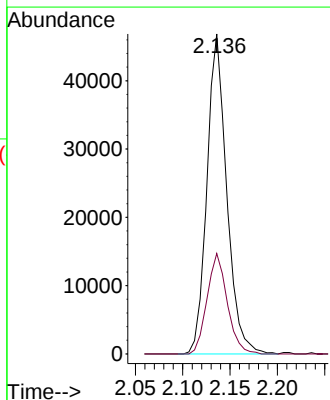
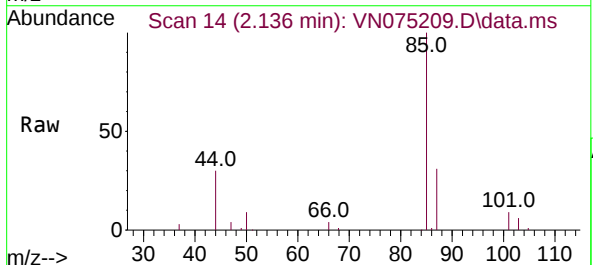
Manual Integrations
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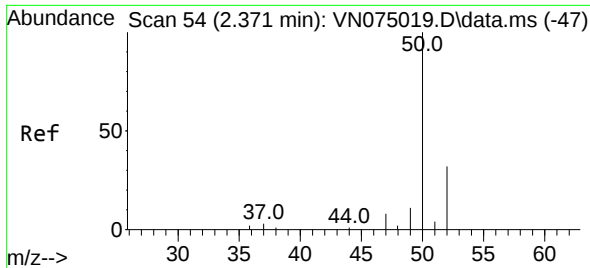
Reviewed By :John Carlone 11/09/2022
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#2
Dichlorodifluoromethane
Concen: 44.867 ug/l
RT: 2.136 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN075209.D
Acq: 08 Nov 2022 17:00

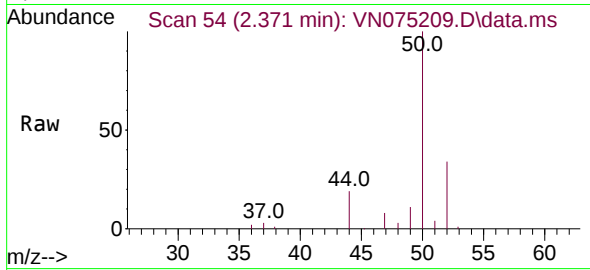
Tgt Ion: 85 Resp: 68077
Ion Ratio Lower Upper
85 100
87 31.4 16.7 50.0





#3
Chloromethane
Concen: 40.868 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075209.D
Acq: 08 Nov 2022 17:00

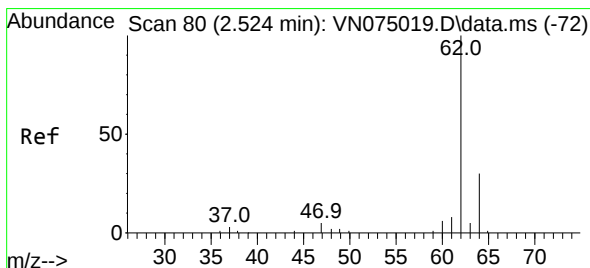
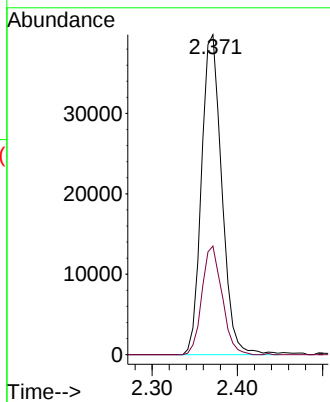
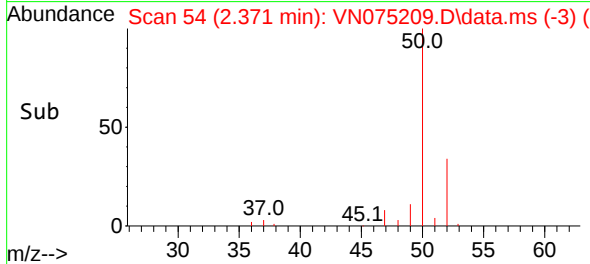
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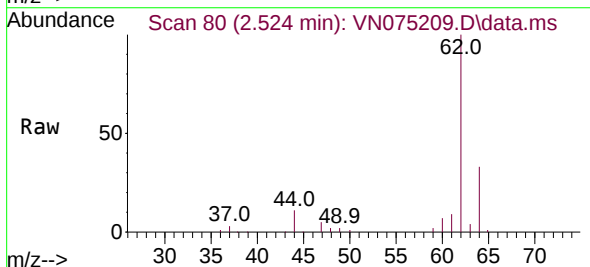
Tgt Ion: 50 Resp: 65865
Ion Ratio Lower Upper
50 100
52 33.9 25.8 38.6

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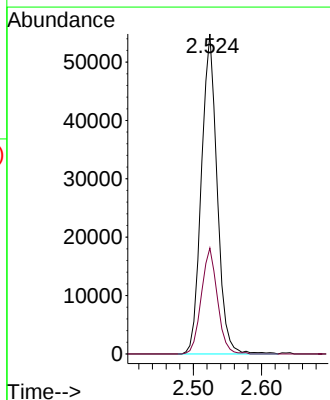
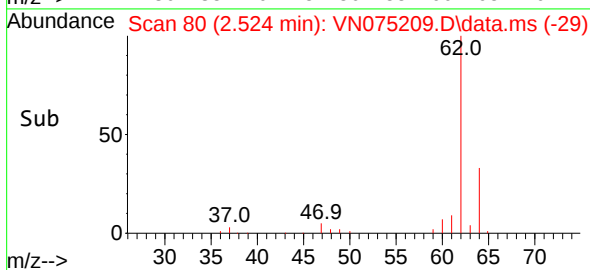
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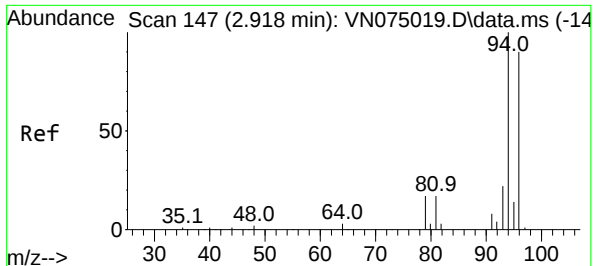


#4
Vinyl Chloride
Concen: 38.312 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075209.D
Acq: 08 Nov 2022 17:00



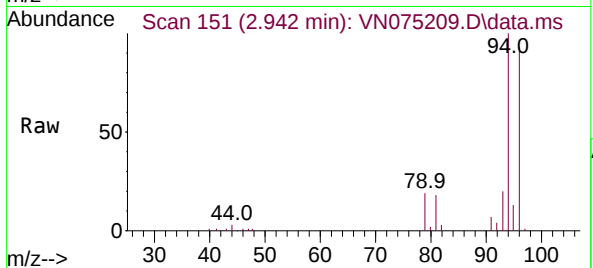
Tgt Ion: 62 Resp: 88085
Ion Ratio Lower Upper
62 100
64 33.1 24.0 36.0





#5
Bromomethane
Concen: 41.066 ug/l
RT: 2.942 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN075209.D
Acq: 08 Nov 2022 17:00

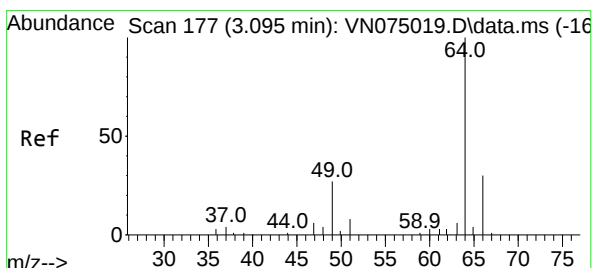
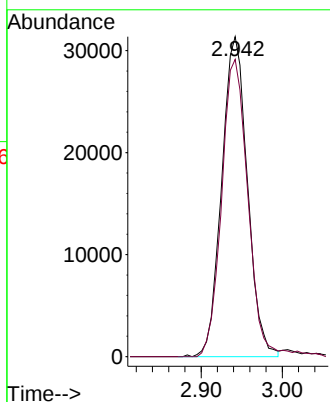
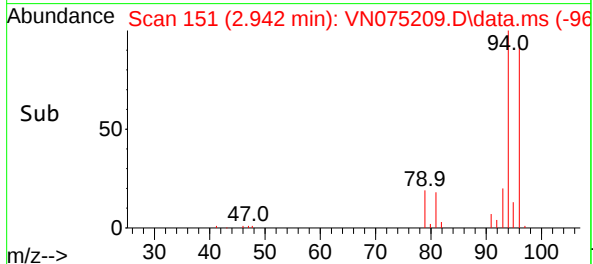
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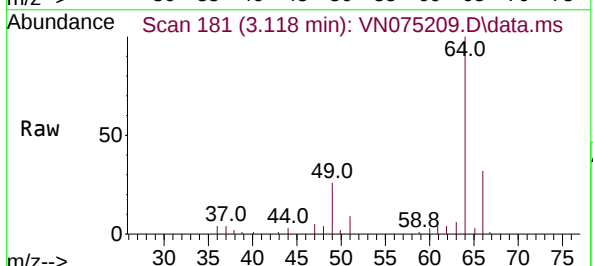
Tgt Ion: 94 Resp: 6901
Ion Ratio Lower Upper
94 100
96 92.9 71.8 107.6

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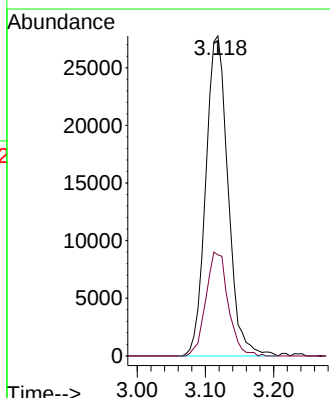
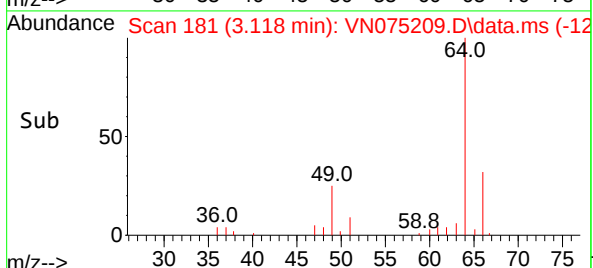
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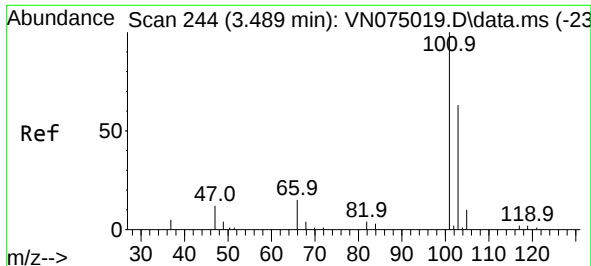


#6
Chloroethane
Concen: 38.177 ug/l
RT: 3.118 min Scan# 181
Delta R.T. 0.023 min
Lab File: VN075209.D
Acq: 08 Nov 2022 17:00



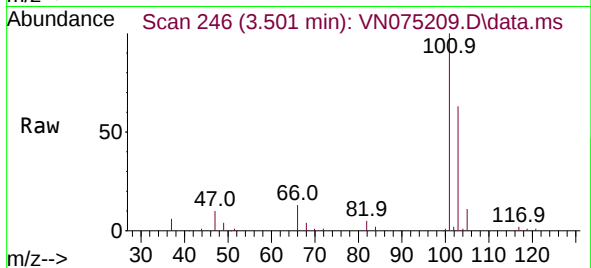
Tgt Ion: 64 Resp: 62941
Ion Ratio Lower Upper
64 100
66 31.6 23.8 35.8





#7
Trichlorofluoromethane
Concen: 46.354 ug/l
RT: 3.501 min Scan# 244
Delta R.T. 0.012 min
Lab File: VN075209.D
Acq: 08 Nov 2022 17:00

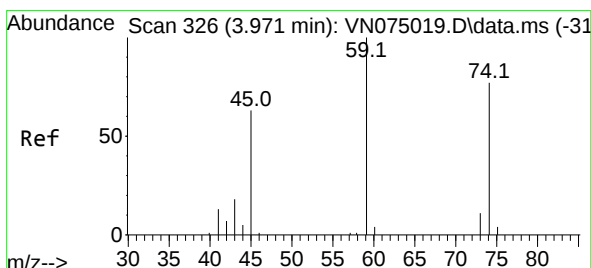
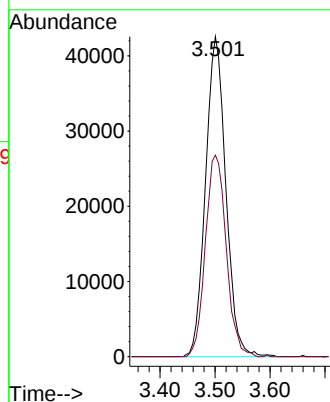
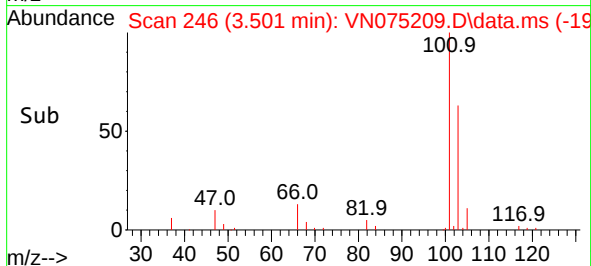
Instrument :
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Tgt Ion:101 Resp: 10887
Ion Ratio Lower Upper
101 100
103 63.0 50.5 75.7

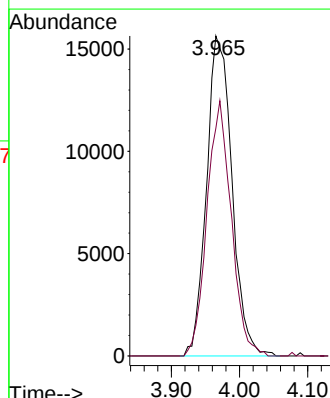
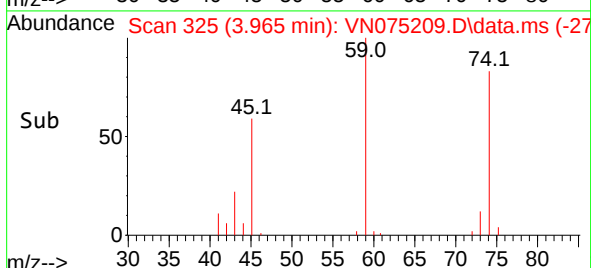
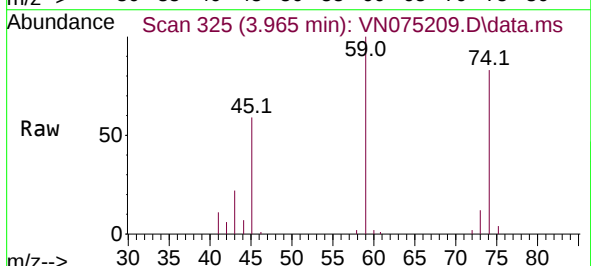
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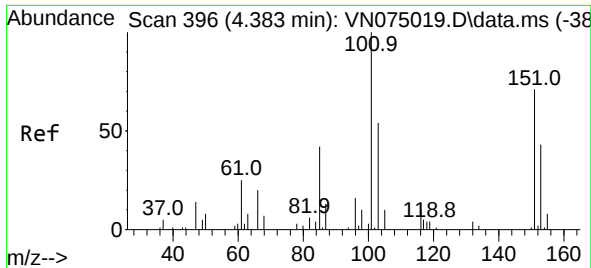
Reviewed By :John Carlone 11/09/2022
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#8
Diethyl Ether
Concen: 47.305 ug/l
RT: 3.965 min Scan# 325
Delta R.T. -0.006 min
Lab File: VN075209.D
Acq: 08 Nov 2022 17:00

Tgt Ion: 74 Resp: 40525
Ion Ratio Lower Upper
74 100
45 76.2 39.3 117.9





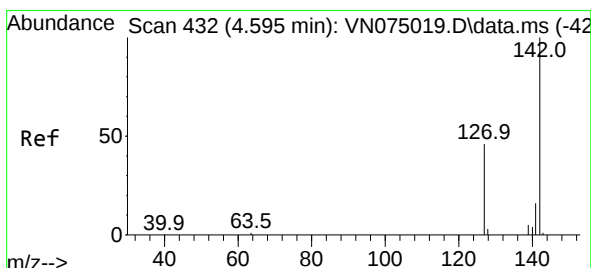
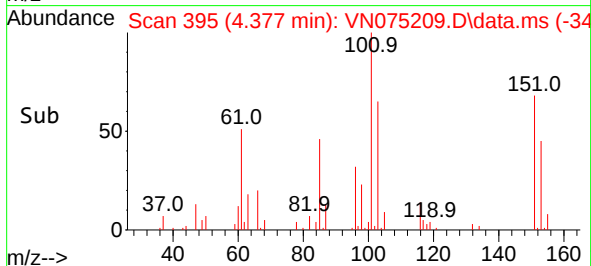
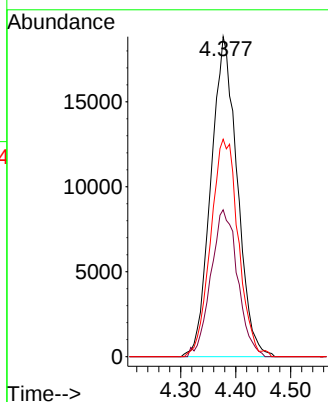
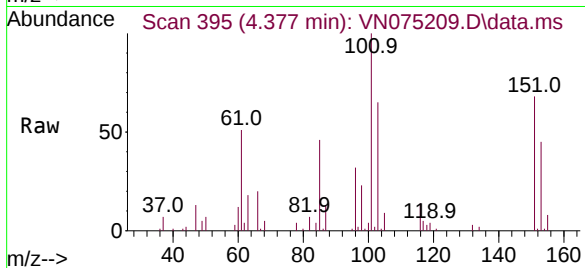
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.165 ug/l
RT: 4.377 min Scan# 395
Delta R.T. -0.006 min
Lab File: VN075209.D
Acq: 08 Nov 2022 17:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 62474
Ion Ratio Lower Upper
101 100
85 46.6 37.6 56.4
151 71.3 58.3 87.5

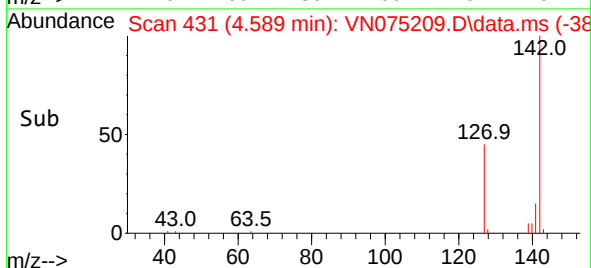
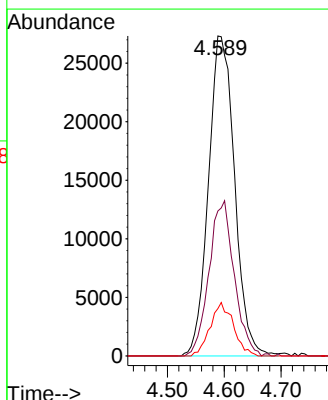
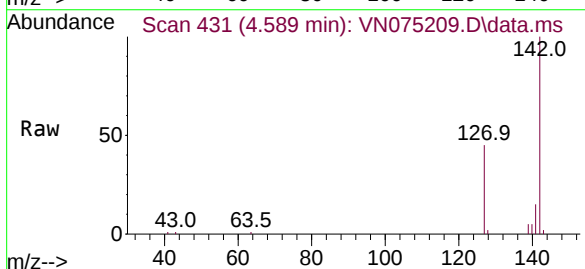
Manual Integrations
APPROVED

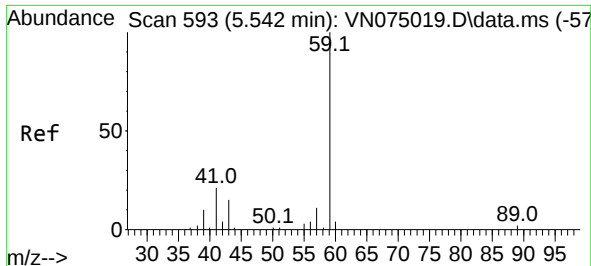
Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022



#10
Methyl Iodide
Concen: 45.196 ug/l
RT: 4.589 min Scan# 431
Delta R.T. -0.006 min
Lab File: VN075209.D
Acq: 08 Nov 2022 17:00

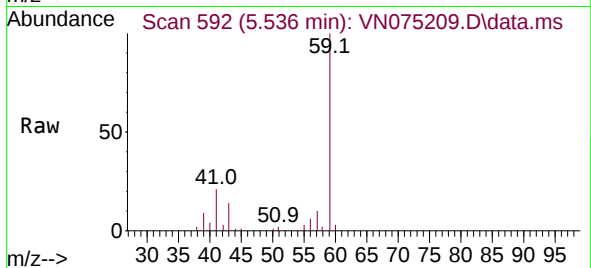
Tgt Ion:142 Resp: 87274
Ion Ratio Lower Upper
142 100
127 46.7 38.0 57.0
141 14.9 12.2 18.4





#11
Tert butyl alcohol
Concen: 176.668 ug/l
RT: 5.536 min Scan# 59
Delta R.T. -0.006 min
Lab File: VN075209.D
Acq: 08 Nov 2022 17:00

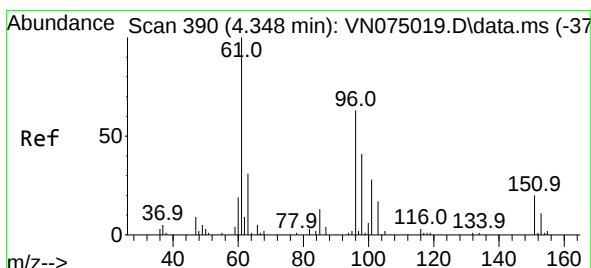
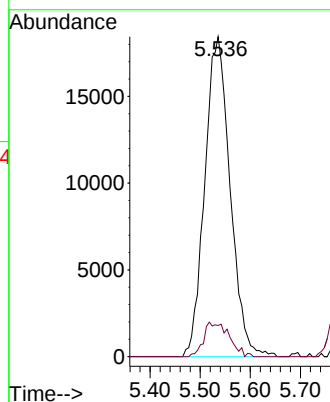
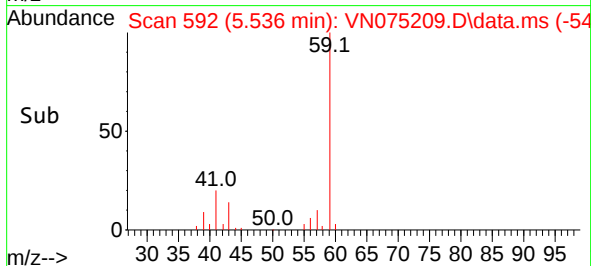
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 6474
Ion Ratio Lower Upper
59 100
57 10.7 8.5 12.7

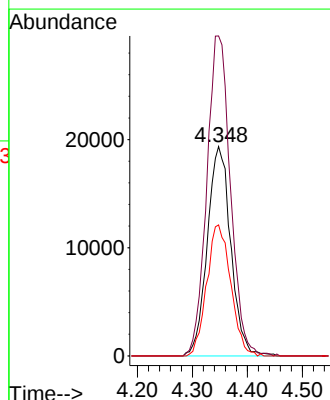
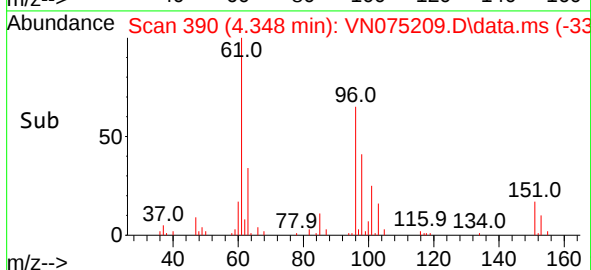
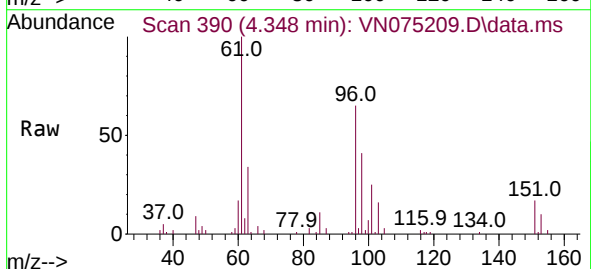
Manual Integrations
APPROVED

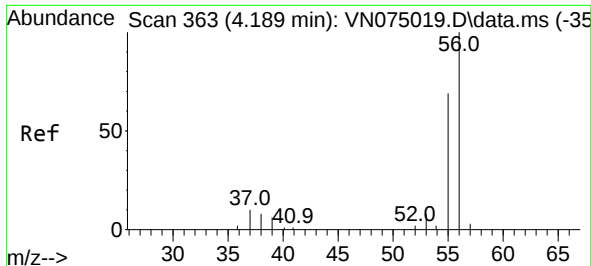
Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022



#12
1,1-Dichloroethene
Concen: 46.402 ug/l
RT: 4.348 min Scan# 390
Delta R.T. -0.000 min
Lab File: VN075209.D
Acq: 08 Nov 2022 17:00

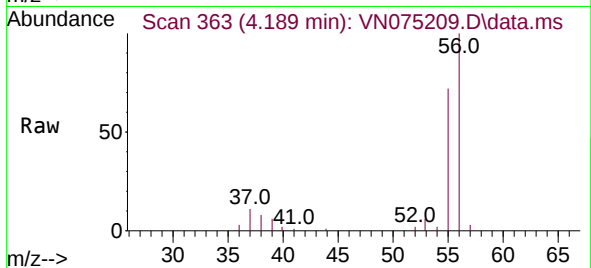
Tgt Ion: 96 Resp: 57370
Ion Ratio Lower Upper
96 100
61 152.8 126.2 189.4
98 62.5 51.5 77.3





#13
Acrolein
Concen: 161.281 ug/l
RT: 4.189 min Scan# 363
Delta R.T. -0.000 min
Lab File: VN075209.D
Acq: 08 Nov 2022 17:00

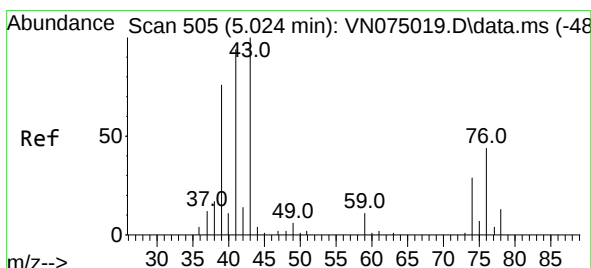
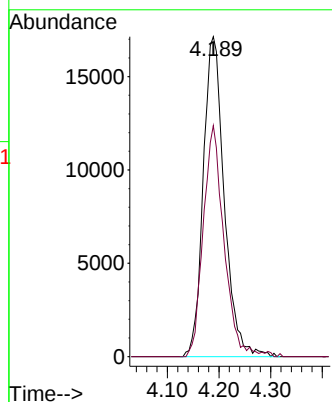
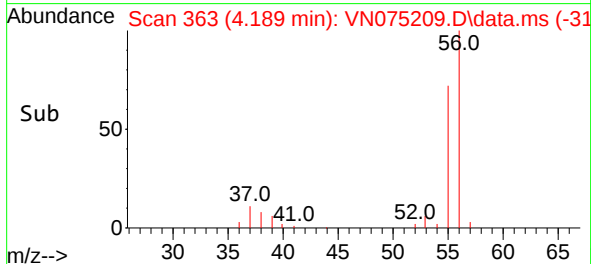
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



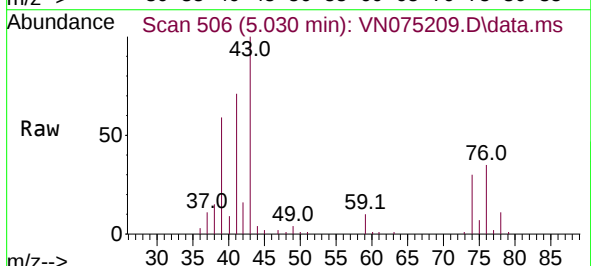
Tgt Ion: 56 Resp: 4834
Ion Ratio Lower Upper
56 100
55 70.7 55.2 82.8

Manual Integrations
APPROVED

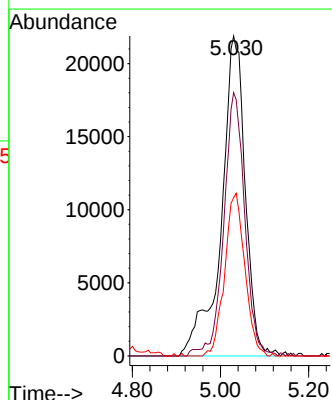
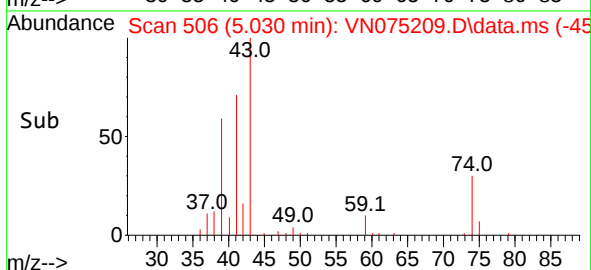
Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022

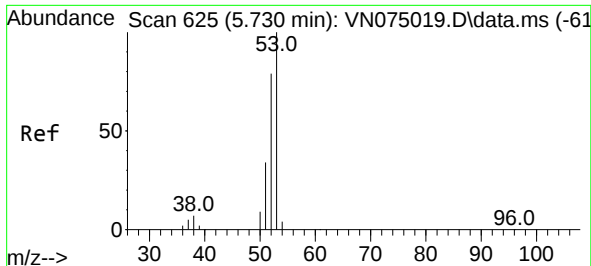


#14
Allyl chloride
Concen: 45.879 ug/l m
RT: 5.030 min Scan# 506
Delta R.T. 0.006 min
Lab File: VN075209.D
Acq: 08 Nov 2022 17:00



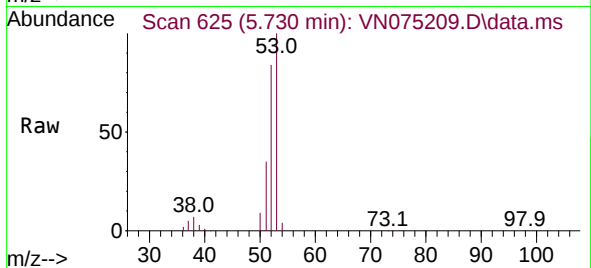
Tgt Ion: 41 Resp: 82846
Ion Ratio Lower Upper
41 100
39 71.8 61.0 91.4
76 42.7 33.4 50.0





#15
Acrylonitrile
Concen: 216.212 ug/l
RT: 5.730 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN075209.D
Acq: 08 Nov 2022 17:00

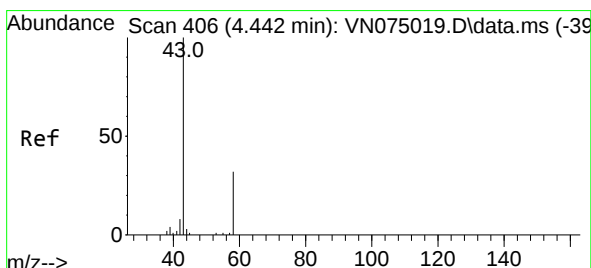
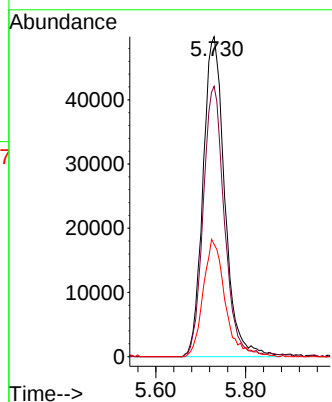
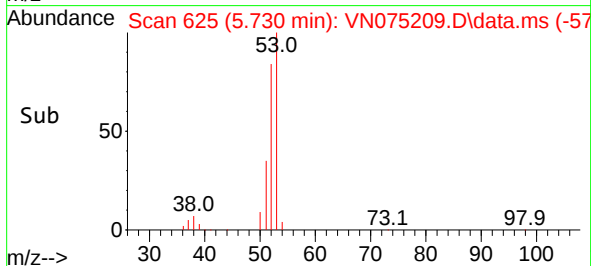
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



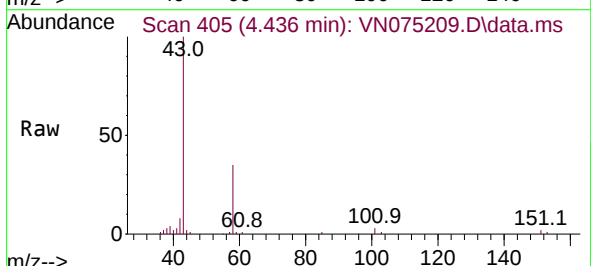
Tgt Ion: 53 Resp: 167388
Ion Ratio Lower Upper
53 100
52 82.2 66.4 99.6
51 37.1 29.6 44.4

Manual Integrations
APPROVED

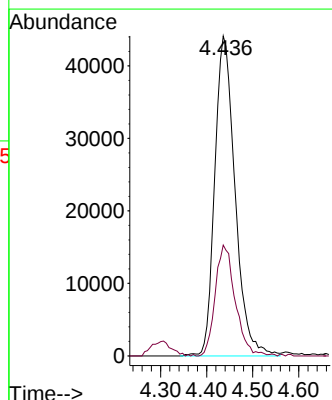
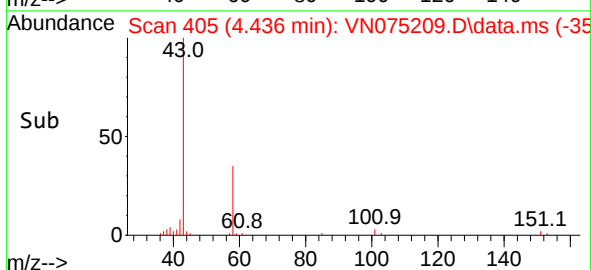
Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022

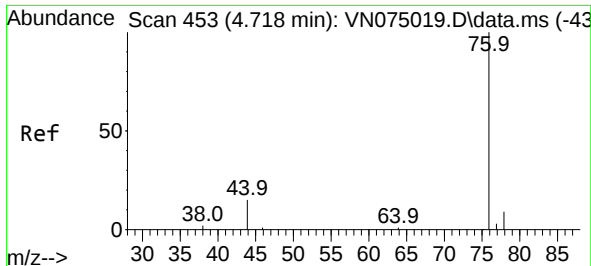


#16
Acetone
Concen: 203.286 ug/l
RT: 4.436 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN075209.D
Acq: 08 Nov 2022 17:00



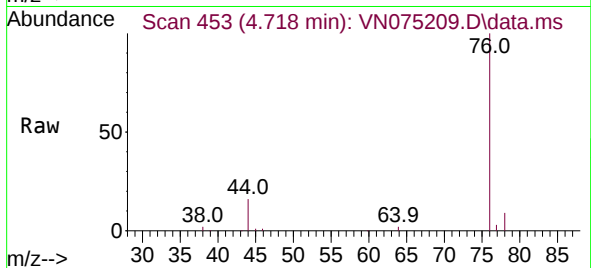
Tgt Ion: 43 Resp: 135273
Ion Ratio Lower Upper
43 100
58 34.1 25.5 38.3





#17
Carbon Disulfide
Concen: 41.677 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN075209.D
Acq: 08 Nov 2022 17:00

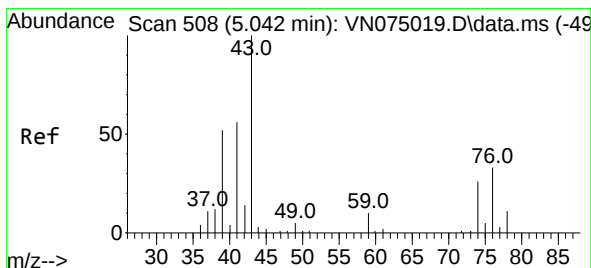
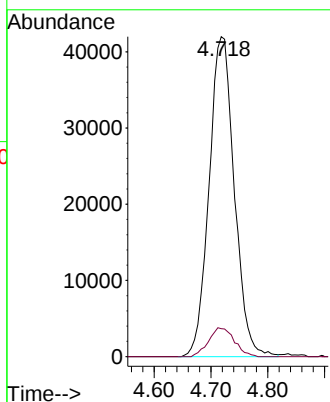
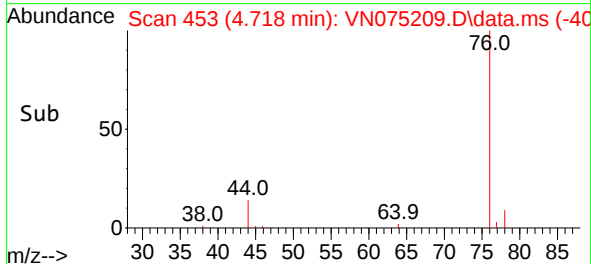
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



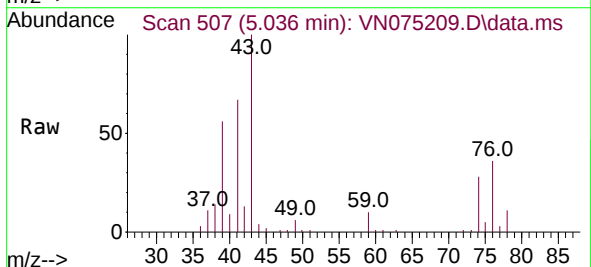
Tgt Ion: 76 Resp: 129582
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.2

Manual Integrations
APPROVED

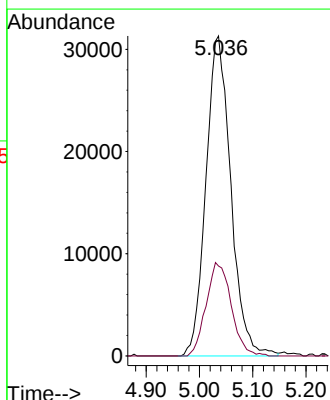
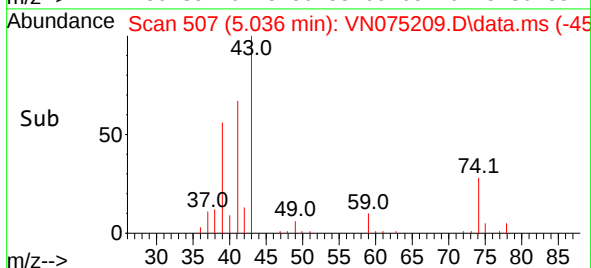
Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022

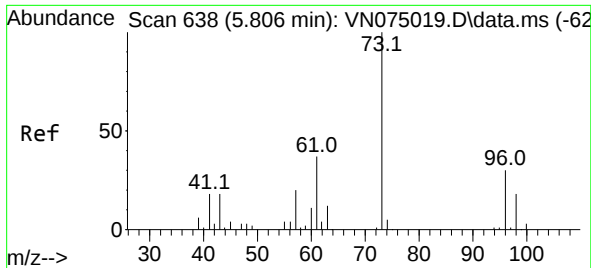


#18
Methyl Acetate
Concen: 46.721 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.006 min
Lab File: VN075209.D
Acq: 08 Nov 2022 17:00



Tgt Ion: 43 Resp: 101553
Ion Ratio Lower Upper
43 100
74 29.4 22.0 33.0





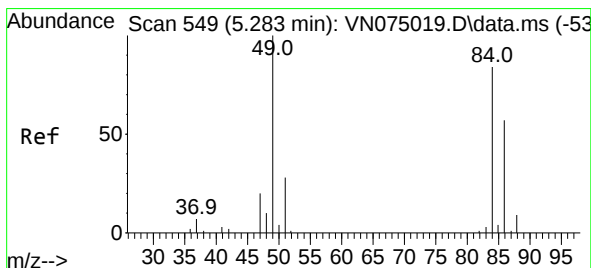
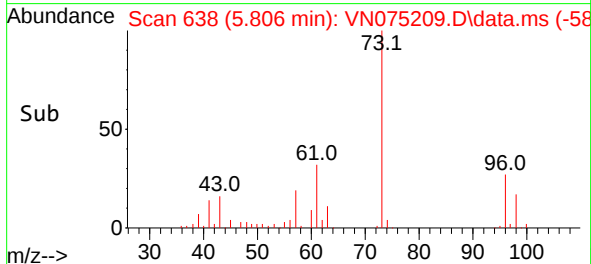
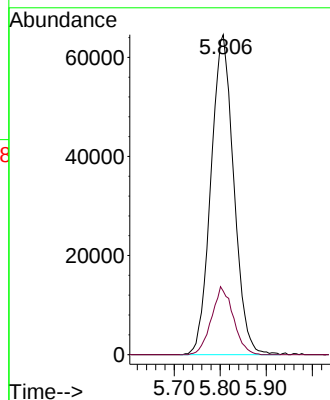
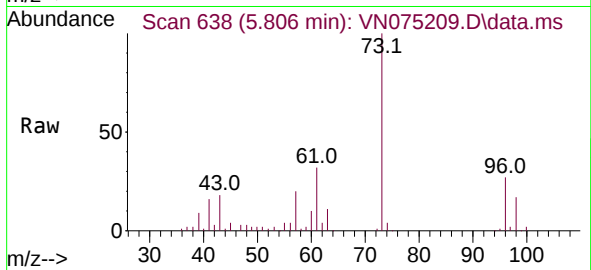
#19
Methyl tert-butyl Ether
Concen: 48.443 ug/l
RT: 5.806 min Scan# 638
Delta R.T. 0.000 min
Lab File: VN075209.D
Acq: 08 Nov 2022 17:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 222610
Ion Ratio Lower Upper
73 100
57 19.8 16.3 24.5

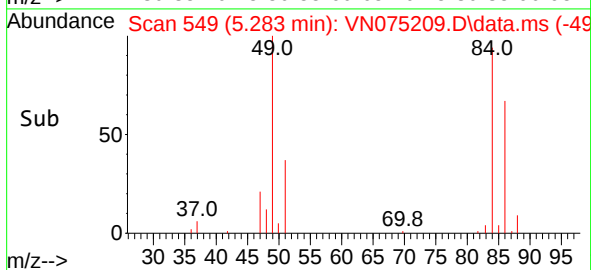
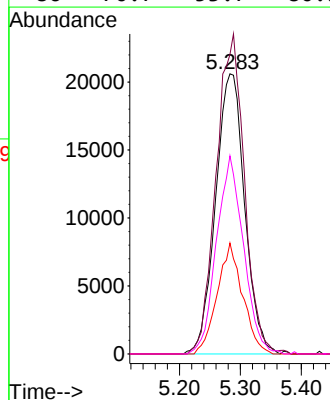
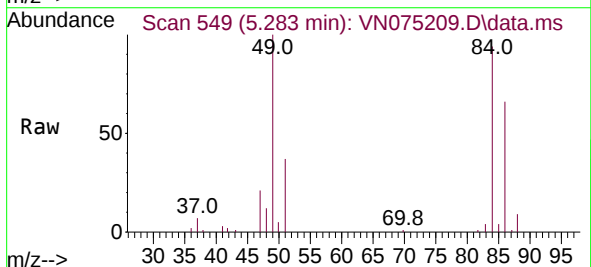
Manual Integrations
APPROVED

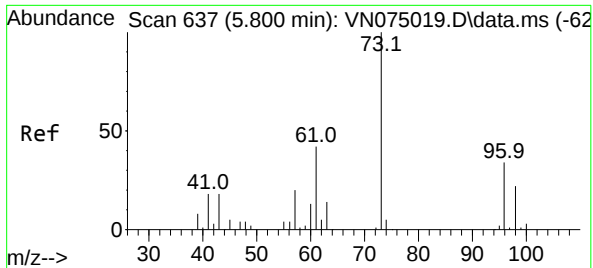
Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022



#20
Methylene Chloride
Concen: 46.053 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.000 min
Lab File: VN075209.D
Acq: 08 Nov 2022 17:00

Tgt Ion: 84 Resp: 68328
Ion Ratio Lower Upper
84 100
49 106.9 94.9 142.3
51 39.5 26.8 40.2
86 70.7 53.7 80.5





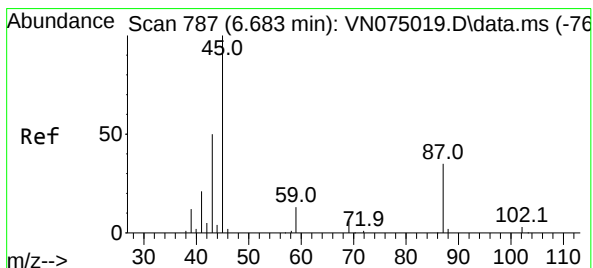
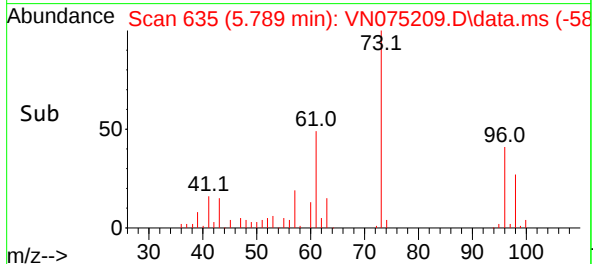
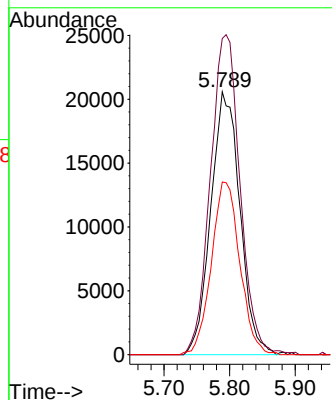
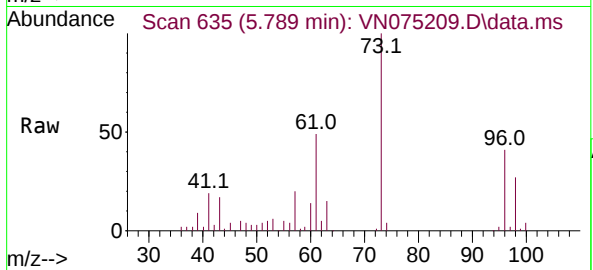
#21
trans-1,2-Dichloroethene
Concen: 46.933 ug/l
RT: 5.789 min Scan# 631
Delta R.T. -0.011 min
Lab File: VN075209.D
Acq: 08 Nov 2022 17:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 63534
Ion Ratio Lower Upper
96 100
61 120.3 99.9 149.9
98 65.7 51.5 77.3

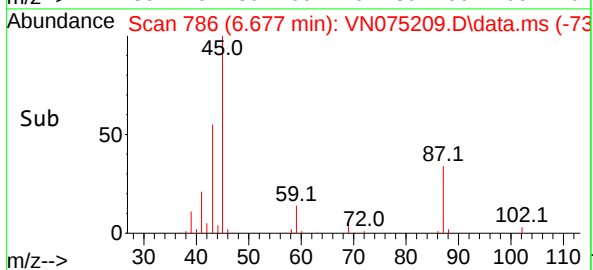
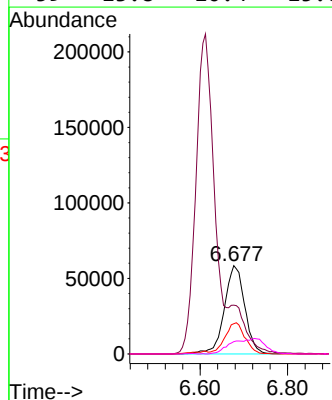
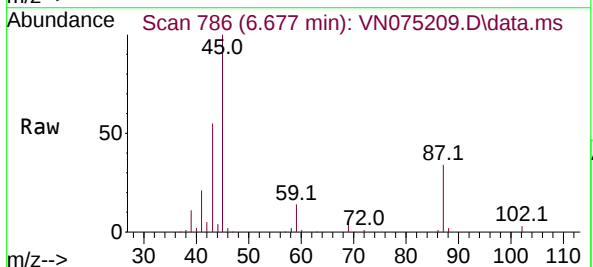
Manual Integrations
APPROVED

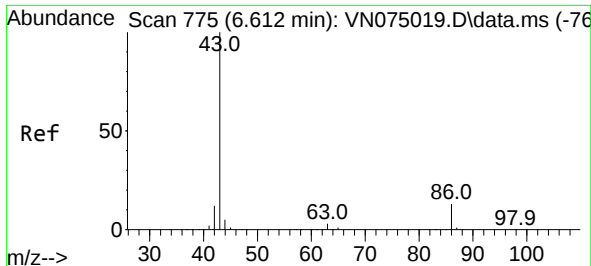
Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022



#22
Diisopropyl ether
Concen: 47.399 ug/l
RT: 6.677 min Scan# 786
Delta R.T. -0.006 min
Lab File: VN075209.D
Acq: 08 Nov 2022 17:00

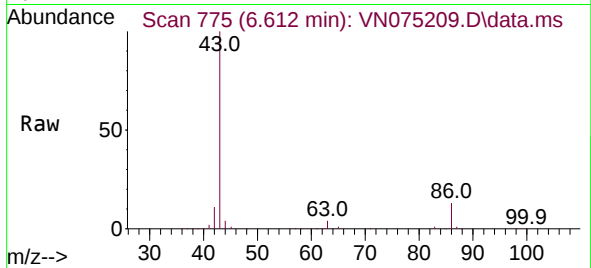
Tgt Ion: 45 Resp: 188883
Ion Ratio Lower Upper
45 100
43 54.0 42.8 64.2
87 34.1 28.4 42.6
59 13.8 10.4 15.6





#23
 Vinyl Acetate
 Concen: 211.335 ug/l m
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN075209.D
 Acq: 08 Nov 2022 17:00

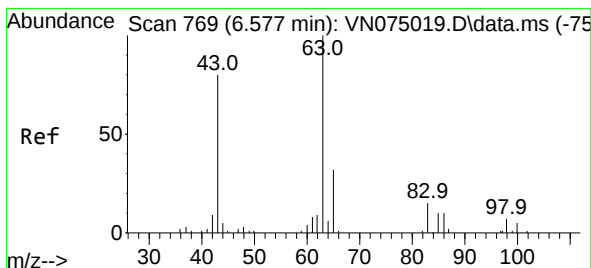
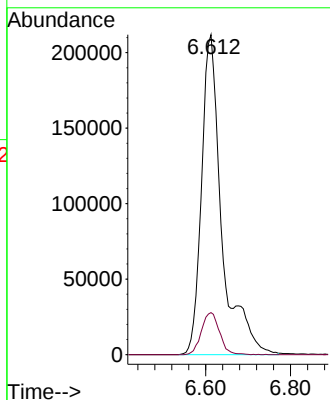
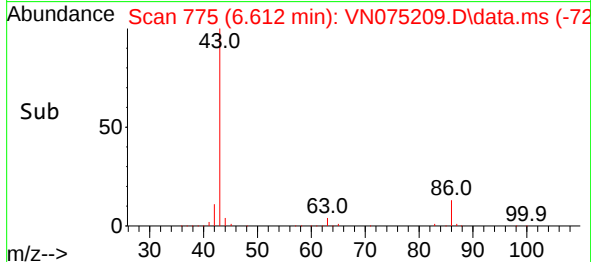
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



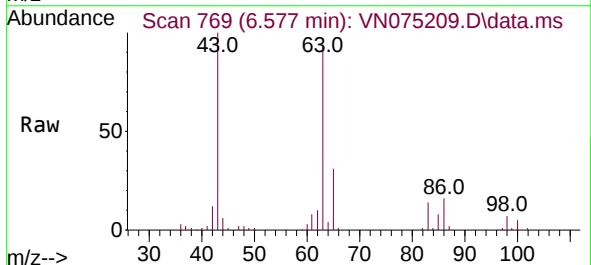
Tgt Ion: 43 Resp: 70325
 Ion Ratio Lower Upper
 43 100
 86 13.1 10.7 16.1

Manual Integrations
 APPROVED

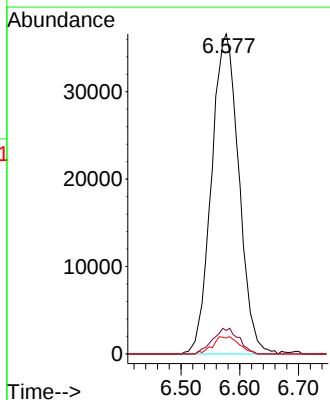
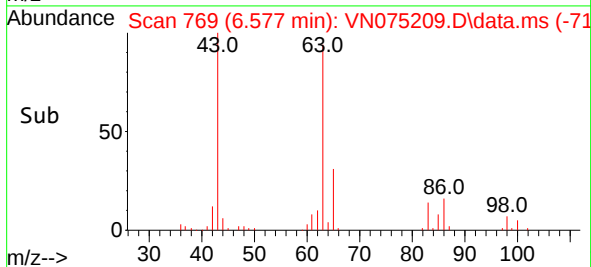
Reviewed By :John Carlone 11/09/2022
 Supervised By :Mahesh Dadoda 11/09/2022

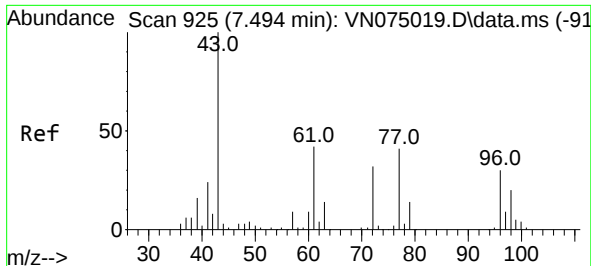


#24
 1,1-Dichloroethane
 Concen: 46.938 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VN075209.D
 Acq: 08 Nov 2022 17:00



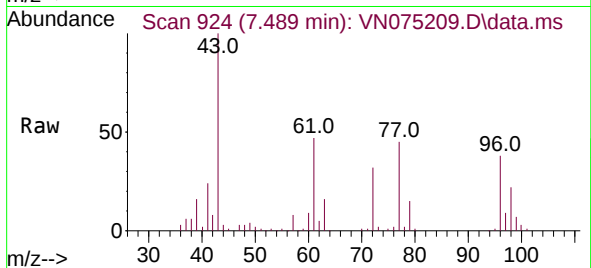
Tgt Ion: 63 Resp: 118298
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.8
 100 5.0 2.4 7.2





#25
2-Butanone
Concen: 205.312 ug/l
RT: 7.489 min Scan# 91
Delta R.T. -0.005 min
Lab File: VN075209.D
Acq: 08 Nov 2022 17:00

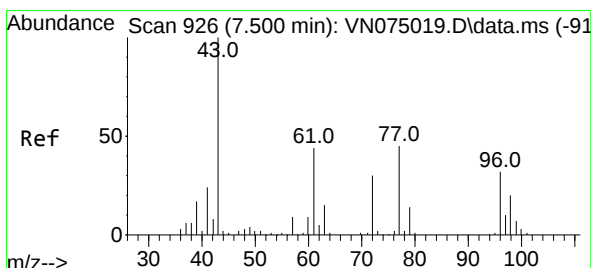
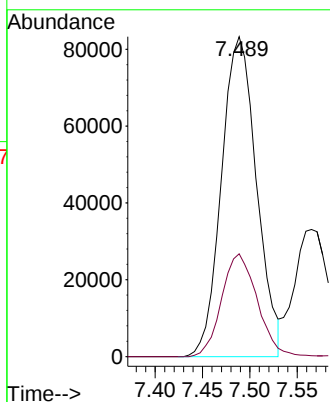
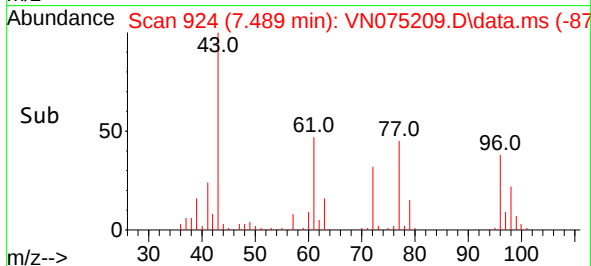
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



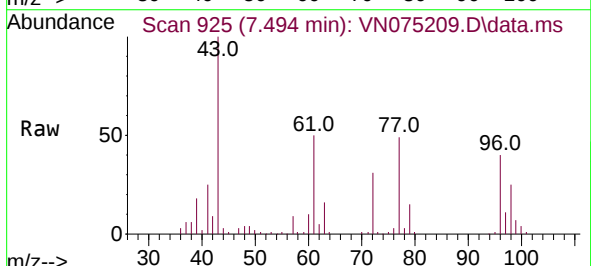
Tgt Ion: 43 Resp: 21489
Ion Ratio Lower Upper
43 100
72 32.1 25.5 38.3

Manual Integrations
APPROVED

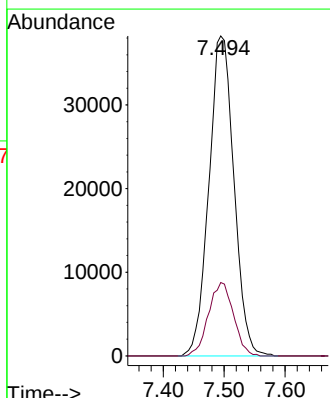
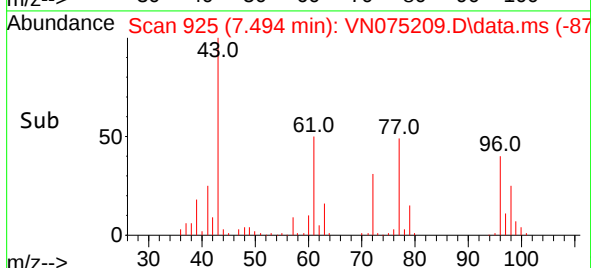
Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022

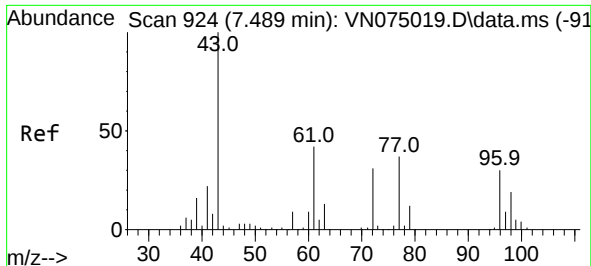


#26
2,2-Dichloropropane
Concen: 47.156 ug/l
RT: 7.494 min Scan# 925
Delta R.T. -0.006 min
Lab File: VN075209.D
Acq: 08 Nov 2022 17:00



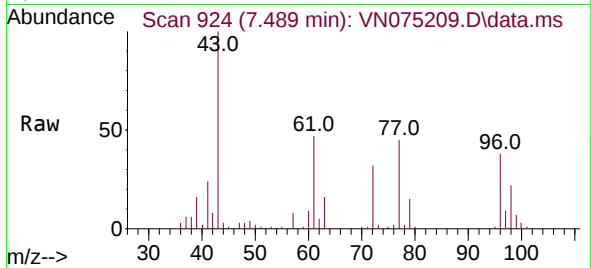
Tgt Ion: 77 Resp: 109334
Ion Ratio Lower Upper
77 100
97 22.9 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 49.404 ug/l
 RT: 7.489 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VN075209.D
 Acq: 08 Nov 2022 17:00

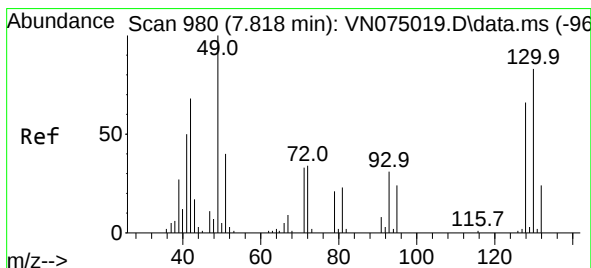
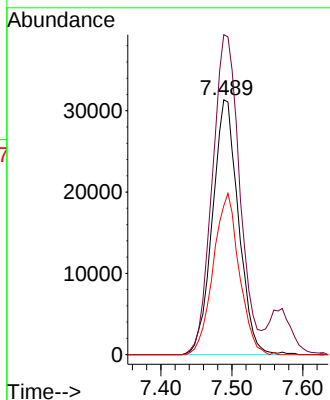
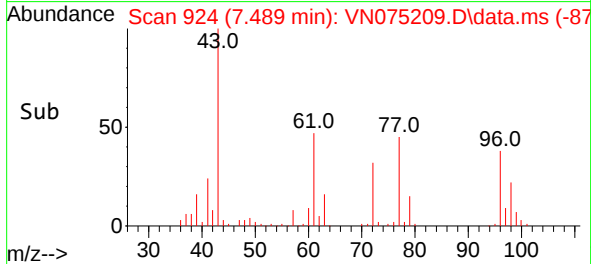
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 7986
 Ion Ratio Lower Upper
 96 100
 61 132.6 0.0 278.8
 98 63.0 0.0 128.4

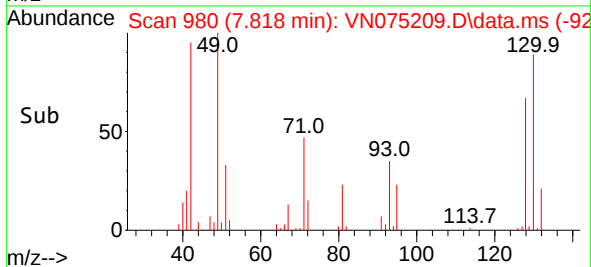
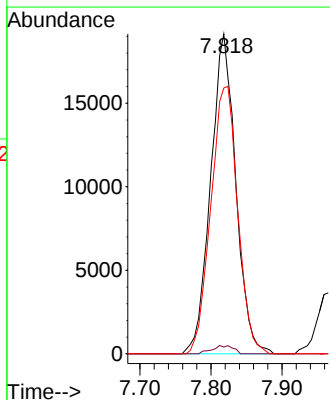
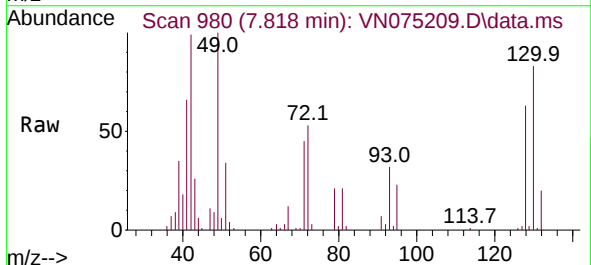
Manual Integrations
 APPROVED

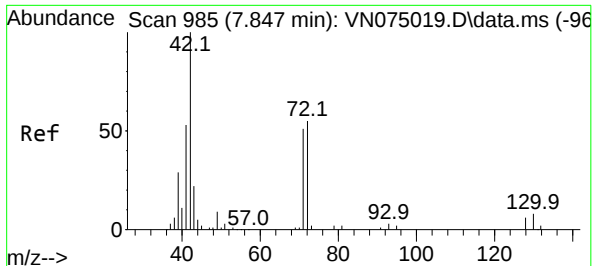
Reviewed By :John Carlone 11/09/2022
 Supervised By :Mahesh Dadoda 11/09/2022



#28
 Bromochloromethane
 Concen: 44.284 ug/l
 RT: 7.818 min Scan# 980
 Delta R.T. -0.000 min
 Lab File: VN075209.D
 Acq: 08 Nov 2022 17:00

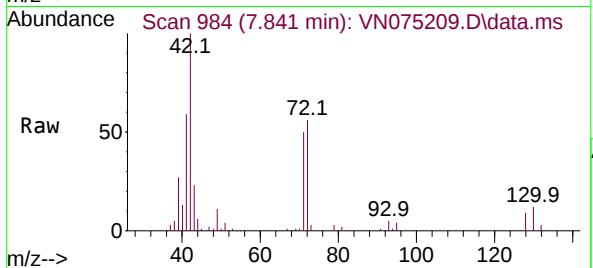
Tgt Ion: 49 Resp: 47049
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.6
 130 89.3 66.2 99.4





#29
Tetrahydrofuran
Concen: 210.109 ug/l
RT: 7.841 min Scan# 984
Delta R.T. -0.006 min
Lab File: VN075209.D
Acq: 08 Nov 2022 17:00

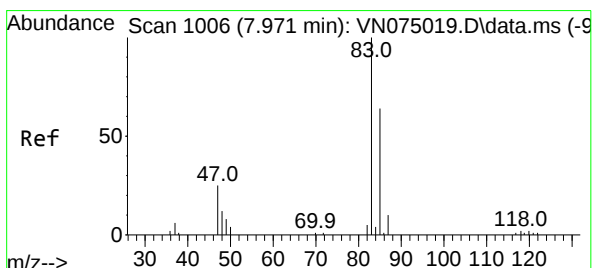
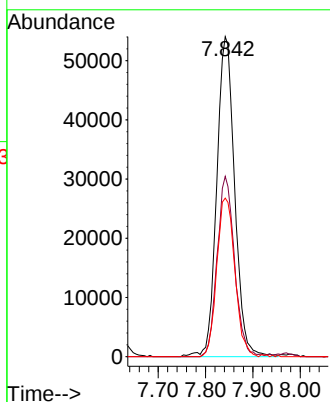
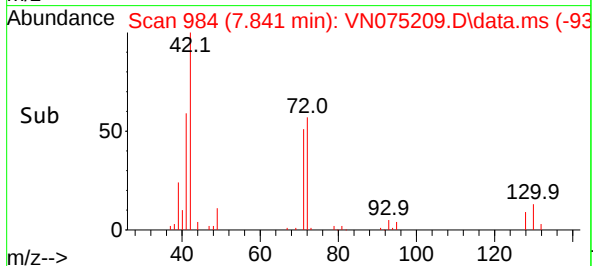
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



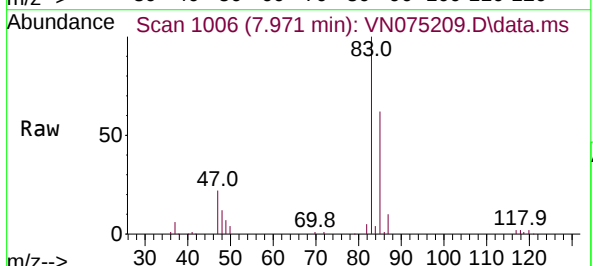
Tgt Ion: 42 Resp: 142105
Ion Ratio Lower Upper
42 100
72 54.6 43.0 64.6
71 49.9 39.9 59.9

Manual Integrations
APPROVED

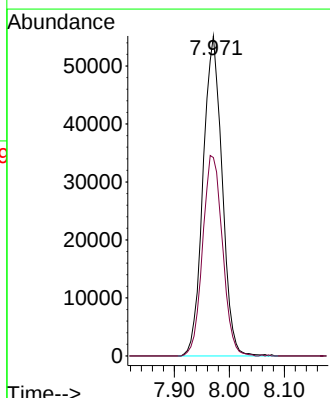
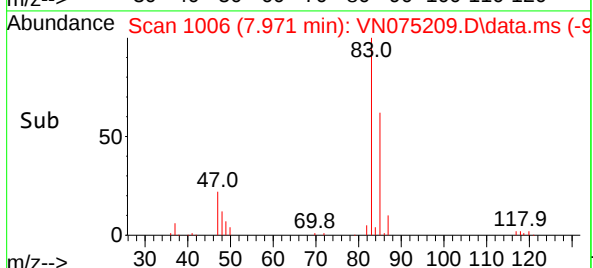
Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022

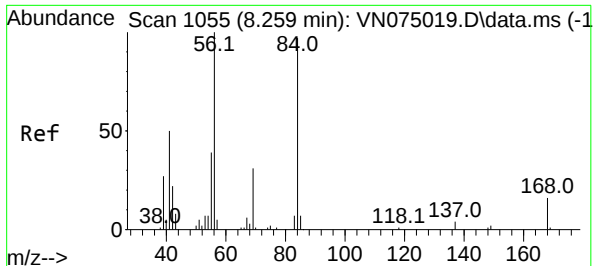


#30
Chloroform
Concen: 48.566 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN075209.D
Acq: 08 Nov 2022 17:00



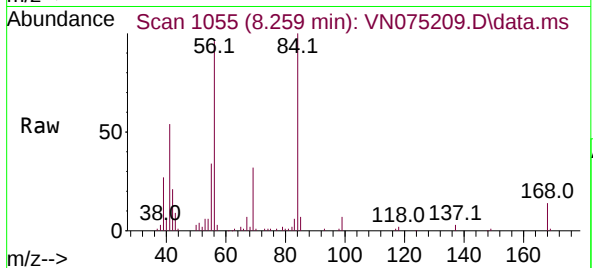
Tgt Ion: 83 Resp: 132895
Ion Ratio Lower Upper
83 100
85 62.0 51.4 77.0





#31
Cyclohexane
Concen: 42.323 ug/l
RT: 8.259 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VN075209.D
Acq: 08 Nov 2022 17:00

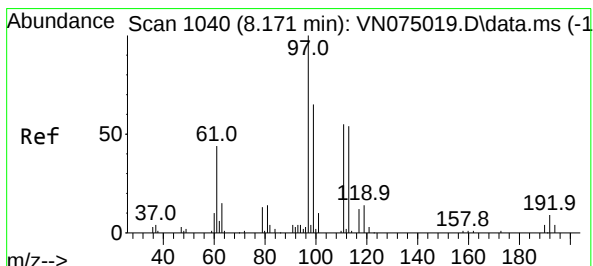
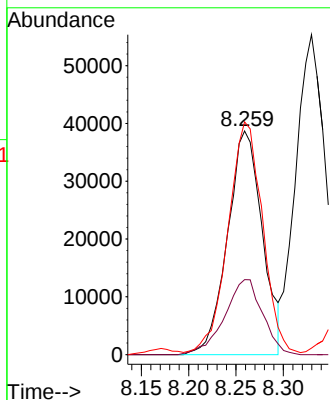
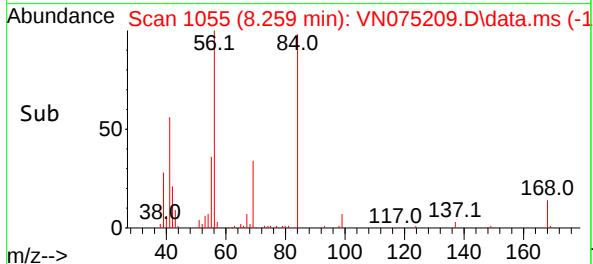
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



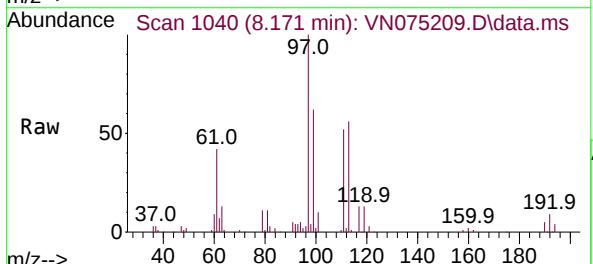
Tgt Ion: 56 Resp: 98924
Ion Ratio Lower Upper
56 100
69 33.5 25.2 37.8
84 102.6 77.8 116.8

Manual Integrations
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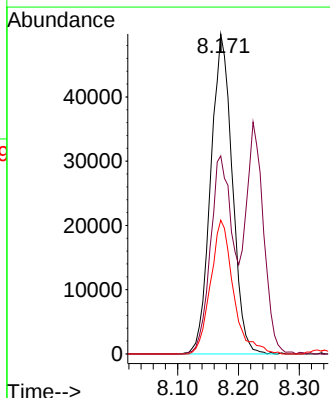
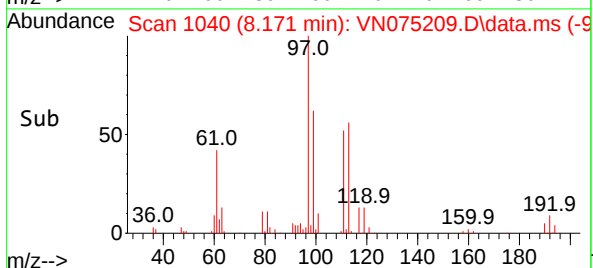
Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022

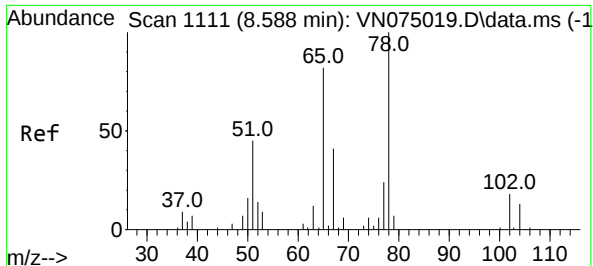


#32
1,1,1-Trichloroethane
Concen: 49.250 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075209.D
Acq: 08 Nov 2022 17:00



Tgt Ion: 97 Resp: 122383
Ion Ratio Lower Upper
97 100
99 63.7 50.2 75.2
61 44.2 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 47.138 ug/l

RT: 8.583 min Scan# 1111

Delta R.T. -0.005 min

Lab File: VN075209.D

Acq: 08 Nov 2022 17:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 74086

Ion Ratio Lower Upper

65 100

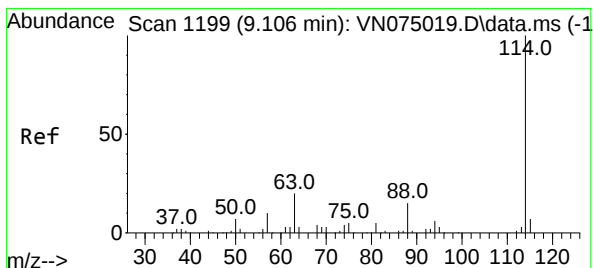
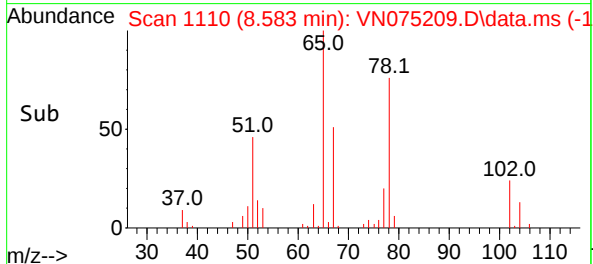
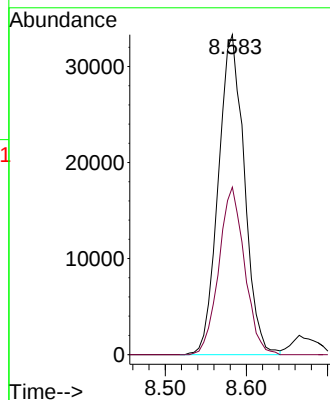
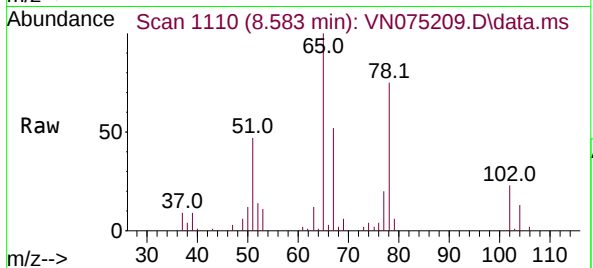
67 51.7 0.0 102.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2022

Supervised By :Mahesh Dadoda 11/09/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1198

Delta R.T. -0.006 min

Lab File: VN075209.D

Acq: 08 Nov 2022 17:00

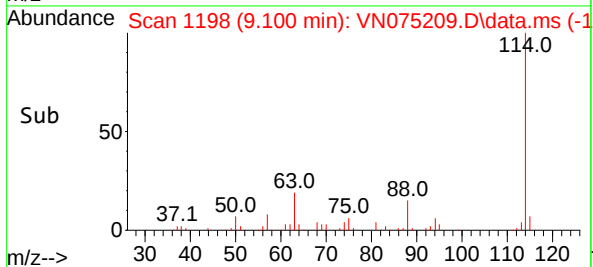
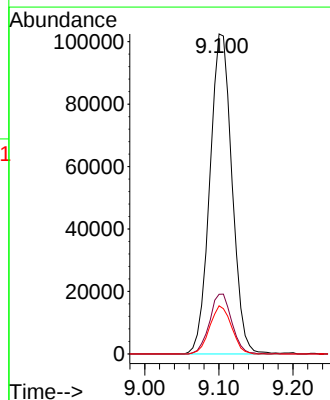
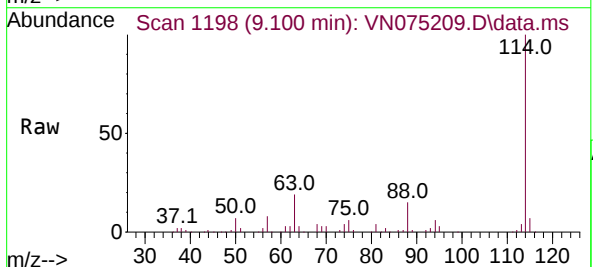
Tgt Ion:114 Resp: 212633

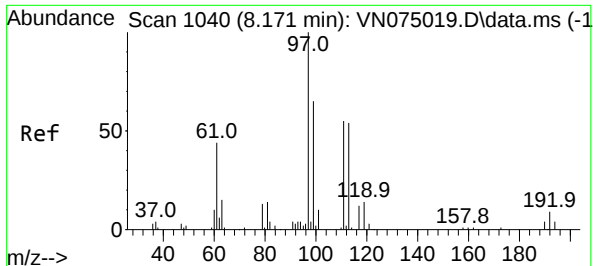
Ion Ratio Lower Upper

114 100

63 18.6 0.0 39.6

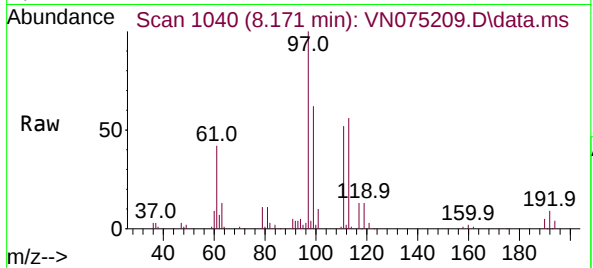
88 15.0 0.0 29.0





#35
Dibromofluoromethane
Concen: 49.366 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075209.D
Acq: 08 Nov 2022 17:00

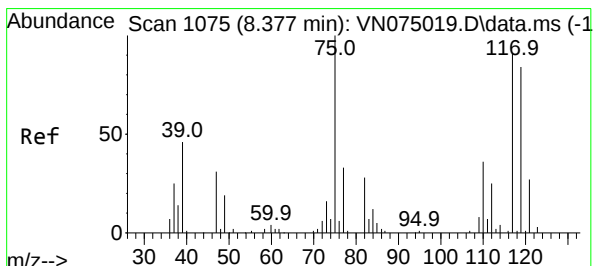
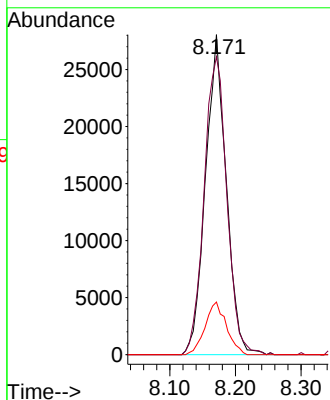
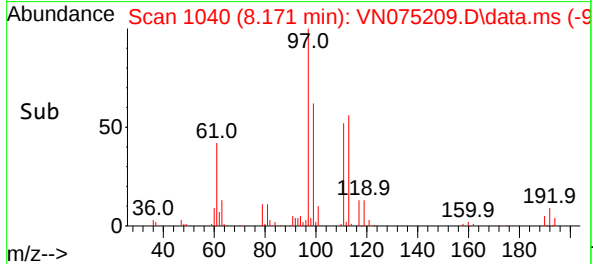
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



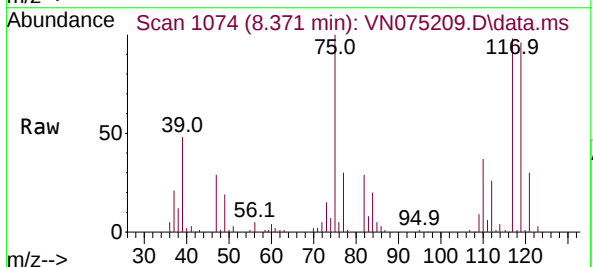
Tgt Ion: 113 Resp: 61622
Ion Ratio Lower Upper
113 100
111 102.0 80.5 120.7
192 16.9 13.2 19.8

Manual Integrations
APPROVED

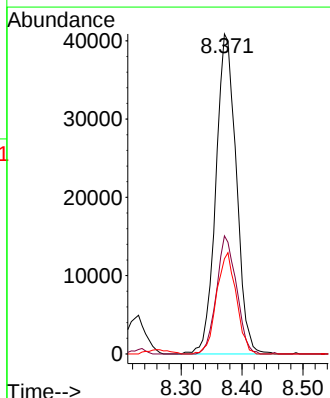
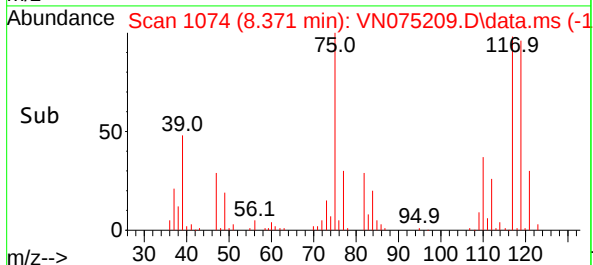
Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022

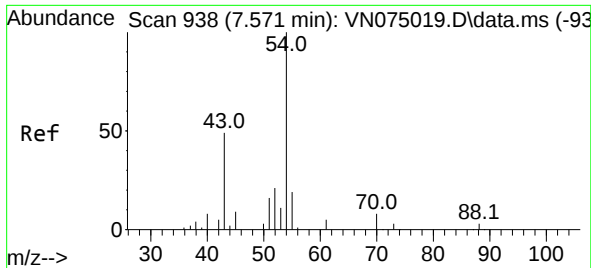


#36
1,1-Dichloropropene
Concen: 49.314 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. -0.006 min
Lab File: VN075209.D
Acq: 08 Nov 2022 17:00



Tgt Ion: 75 Resp: 95301
Ion Ratio Lower Upper
75 100
110 35.9 17.8 53.3
77 30.7 24.6 37.0





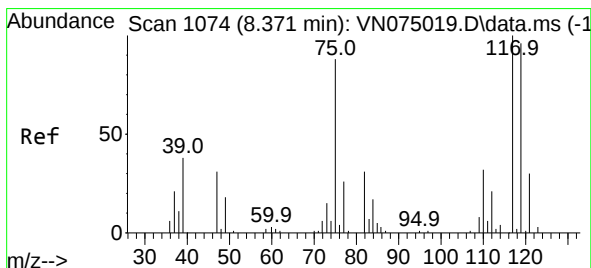
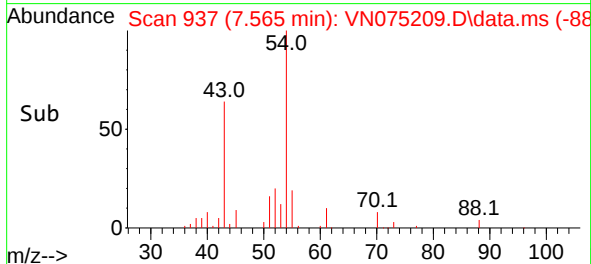
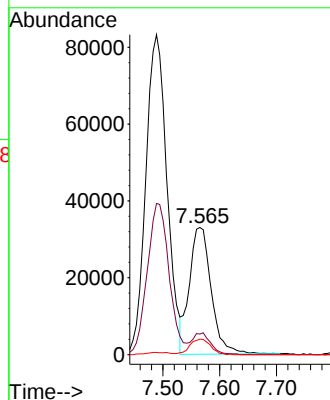
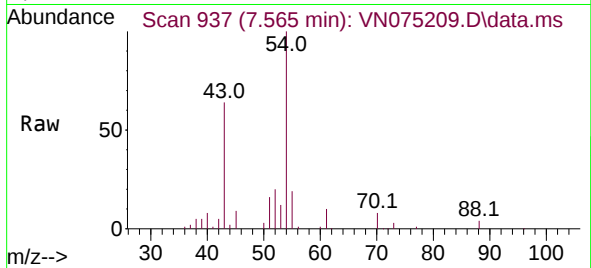
#37
Ethyl Acetate
Concen: 41.710 ug/l
RT: 7.565 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN075209.D
Acq: 08 Nov 2022 17:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 88399
Ion Ratio Lower Upper
43 100
61 14.7 12.2 18.4
70 11.6 9.4 14.2

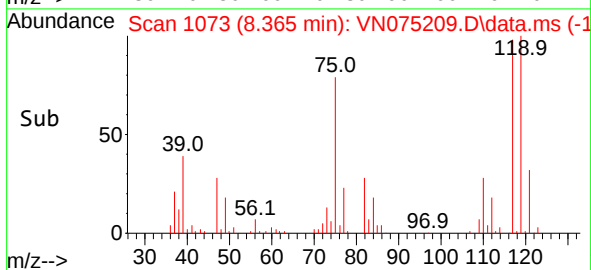
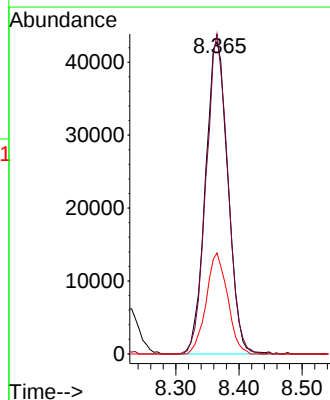
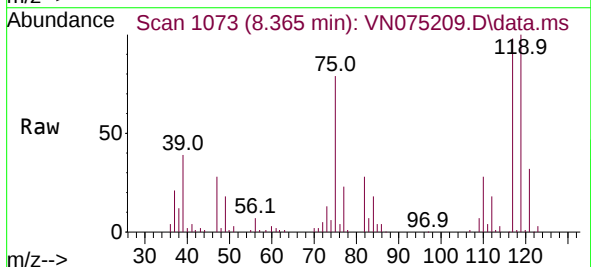
Manual Integrations
APPROVED

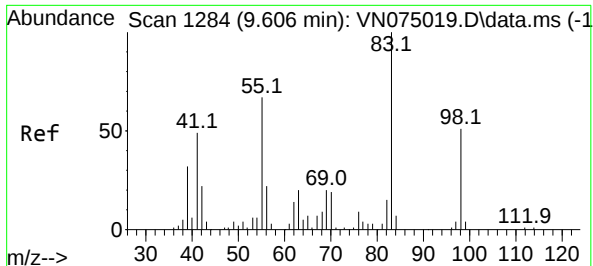
Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022



#38
Carbon Tetrachloride
Concen: 49.982 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VN075209.D
Acq: 08 Nov 2022 17:00

Tgt Ion:117 Resp: 106251
Ion Ratio Lower Upper
117 100
119 102.5 76.7 115.1
121 32.3 23.9 35.9





#39

Methylcyclohexane

Concen: 47.424 ug/l

RT: 9.600 min Scan# 1114

Delta R.T. -0.006 min

Lab File: VN075209.D

Acq: 08 Nov 2022 17:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 120992

Ion Ratio Lower Upper

83 100

55 67.7 53.6 80.4

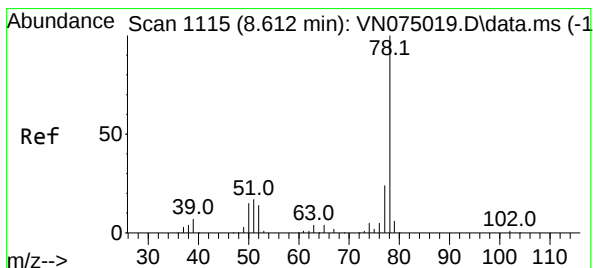
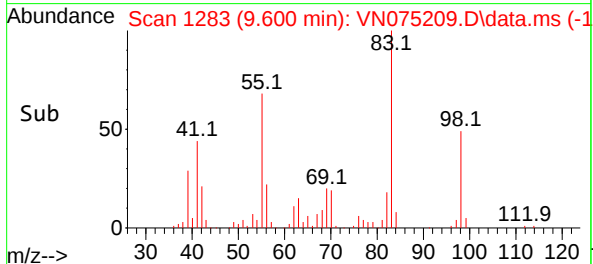
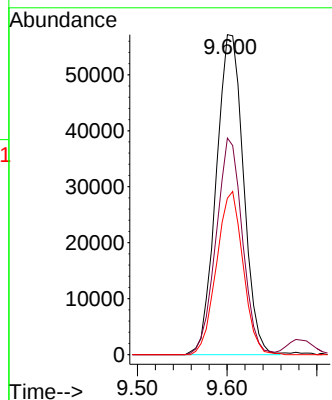
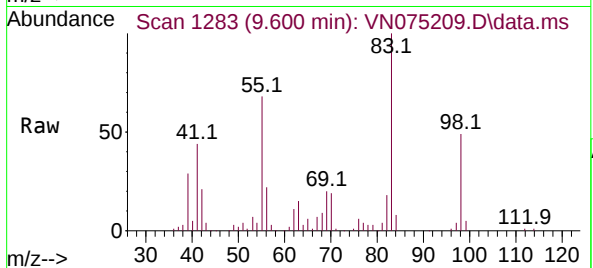
98 48.9 41.1 61.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2022

Supervised By :Mahesh Dadoda 11/09/2022



#40

Benzene

Concen: 48.642 ug/l

RT: 8.606 min Scan# 1114

Delta R.T. -0.006 min

Lab File: VN075209.D

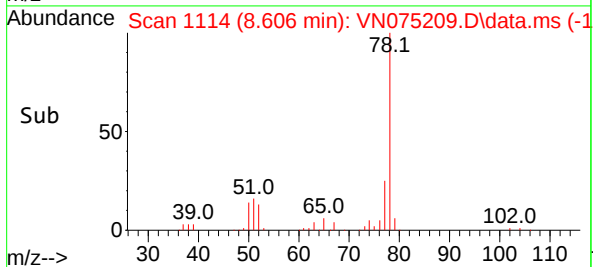
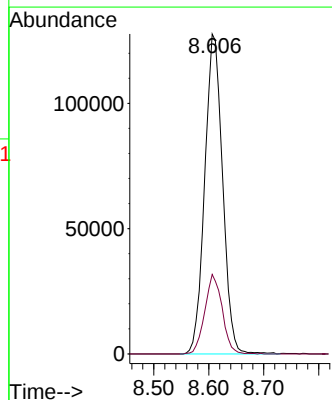
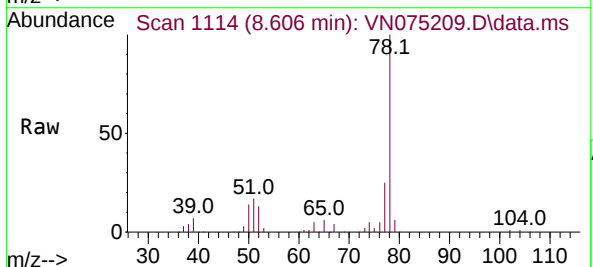
Acq: 08 Nov 2022 17:00

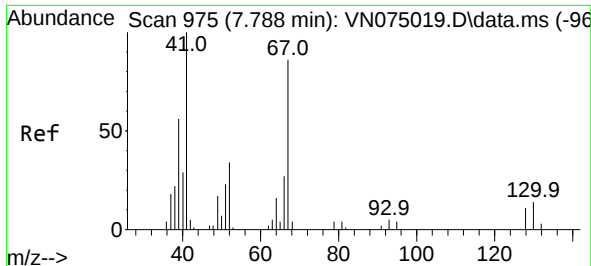
Tgt Ion: 78 Resp: 287820

Ion Ratio Lower Upper

78 100

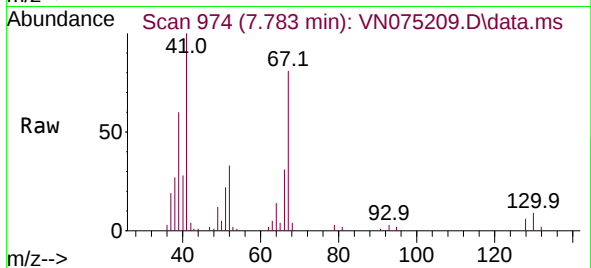
77 24.8 19.4 29.0





#41
Methacrylonitrile
Concen: 43.971 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.005 min
Lab File: VN075209.D
Acq: 08 Nov 2022 17:00

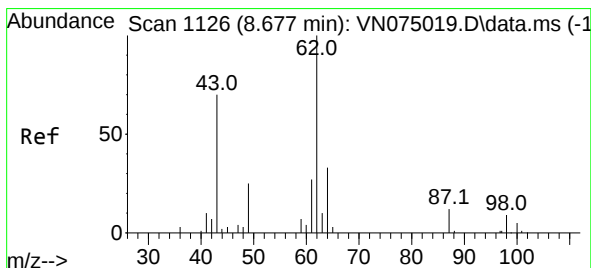
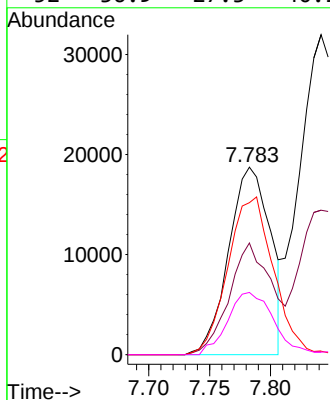
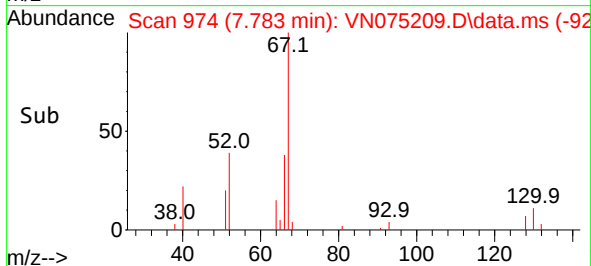
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 44648
Ion Ratio Lower Upper
41 100
39 61.5 44.4 66.6
67 92.1 69.8 104.6
52 36.9 27.3 40.9

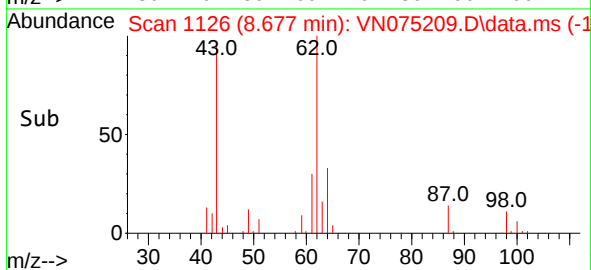
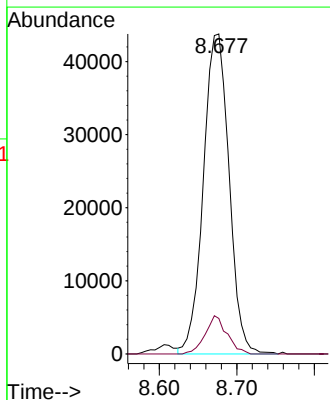
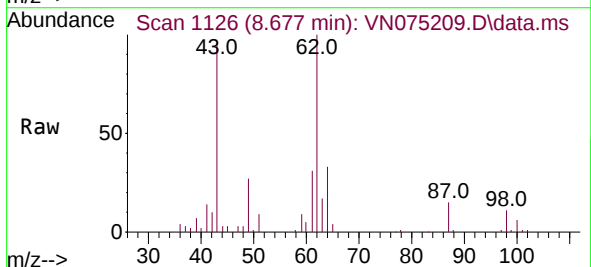
Manual Integrations
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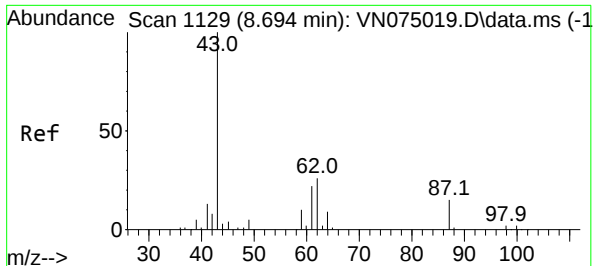
Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022



#42
1,2-Dichloroethane
Concen: 46.846 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN075209.D
Acq: 08 Nov 2022 17:00

Tgt Ion: 62 Resp: 100848
Ion Ratio Lower Upper
62 100
98 10.1 0.0 18.2





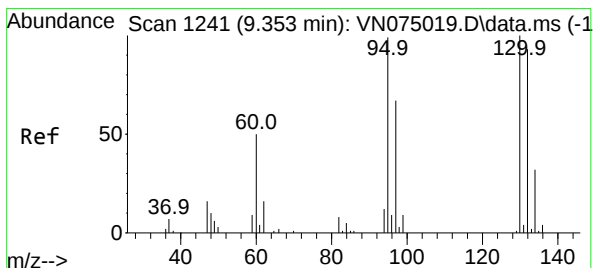
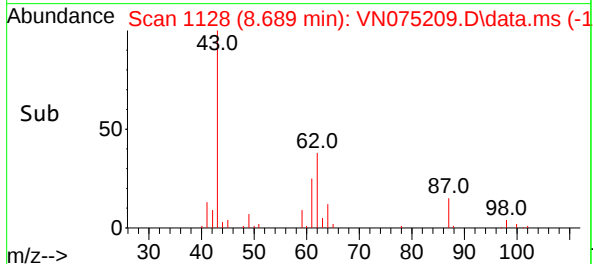
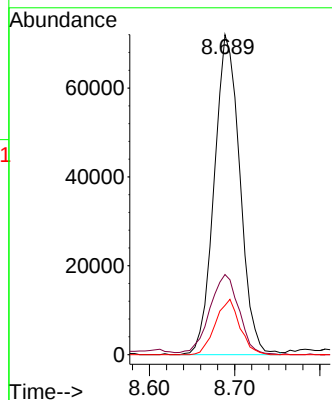
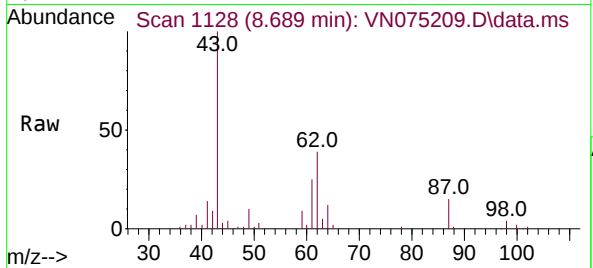
#43
Isopropyl Acetate
Concen: 45.747 ug/l
RT: 8.689 min Scan# 1128
Delta R.T. -0.005 min
Lab File: VN075209.D
Acq: 08 Nov 2022 17:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 150391
Ion Ratio Lower Upper
43 100
61 28.8 22.4 33.6
87 16.5 12.5 18.7

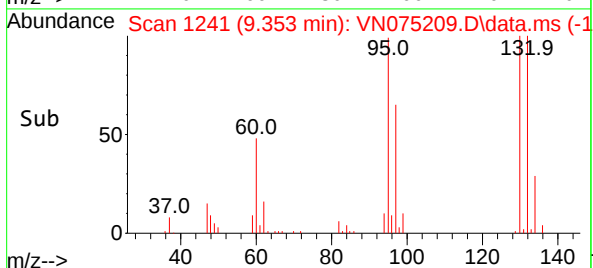
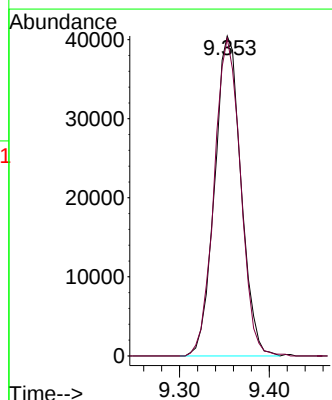
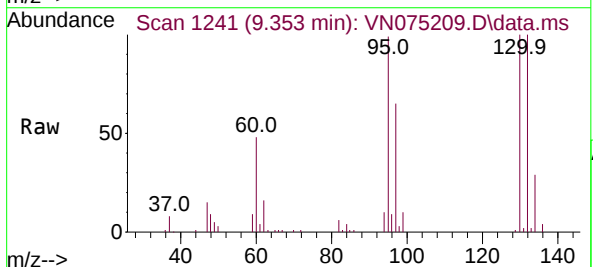
Manual Integrations
APPROVED

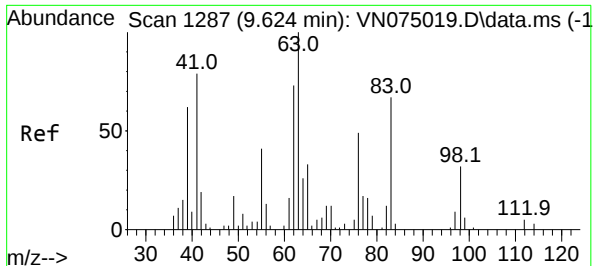
Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022



#44
Trichloroethene
Concen: 55.933 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VN075209.D
Acq: 08 Nov 2022 17:00

Tgt Ion:130 Resp: 83034
Ion Ratio Lower Upper
130 100
95 99.2 0.0 198.4





#45

1,2-Dichloropropane

Concen: 50.564 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN075209.D

Acq: 08 Nov 2022 17:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 7120

Ion Ratio Lower Upper

63 100

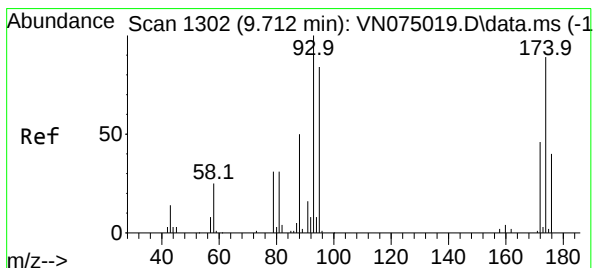
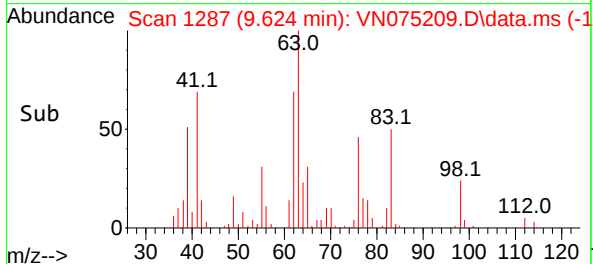
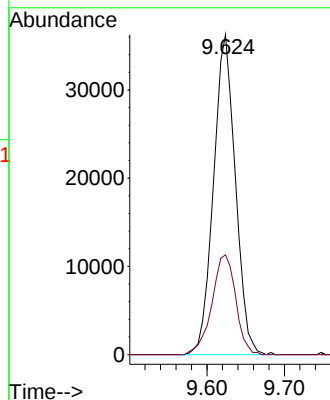
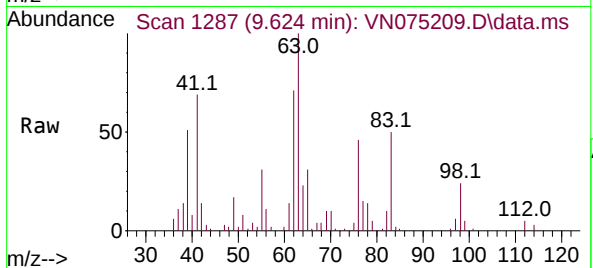
65 31.2 26.1 39.1

Manual Integrations

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Reviewed By :John Carlone 11/09/2022

Supervised By :Mahesh Dadoda 11/09/2022



#46

Dibromomethane

Concen: 49.386 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075209.D

Acq: 08 Nov 2022 17:00

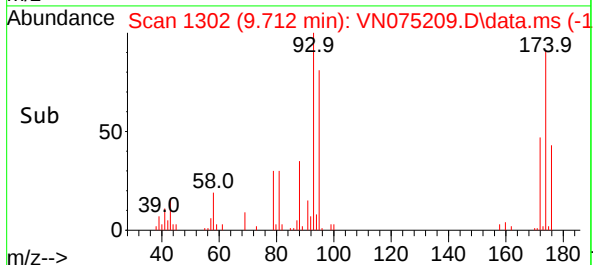
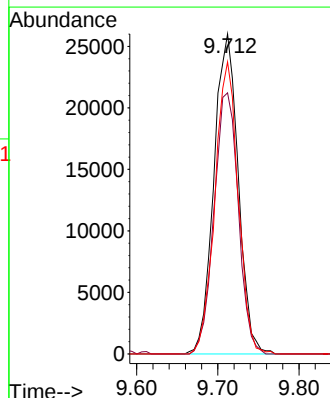
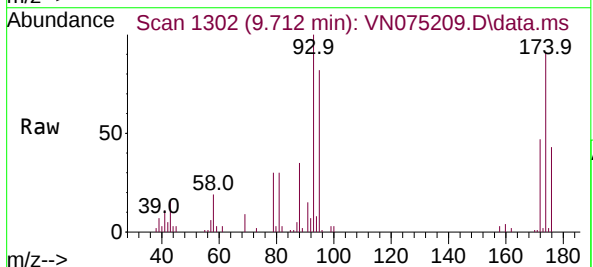
Tgt Ion: 93 Resp: 54180

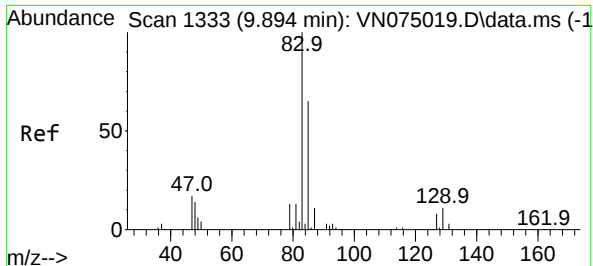
Ion Ratio Lower Upper

93 100

95 81.2 66.6 99.8

174 87.1 70.3 105.5





#47

Bromodichloromethane

Concen: 50.099 ug/l

RT: 9.888 min Scan# 1333

Delta R.T. -0.006 min

Lab File: VN075209.D

Acq: 08 Nov 2022 17:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 10643

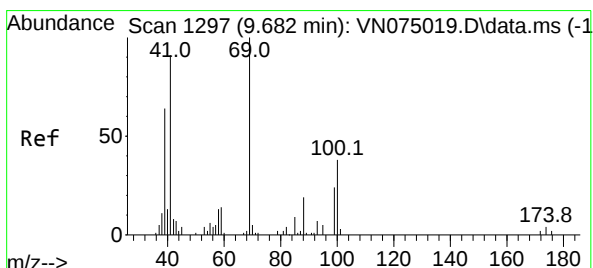
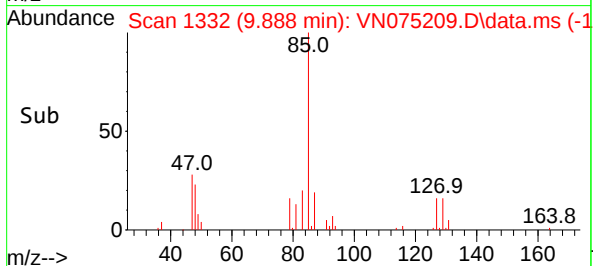
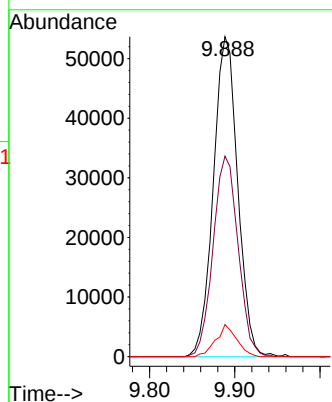
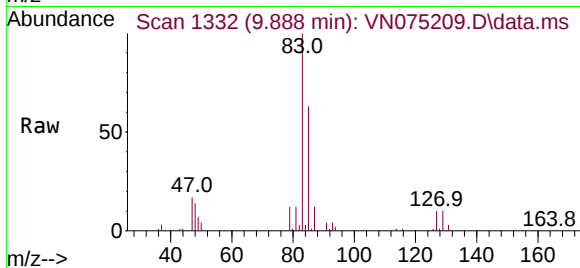
Ion	Ratio	Lower	Upper
83	100		
85	62.6	52.1	78.1
127	10.0	6.6	10.0

Manual Integrations

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Reviewed By :John Carlone 11/09/2022

Supervised By :Mahesh Dadoda 11/09/2022



#48

Methyl methacrylate

Concen: 45.014 ug/l

RT: 9.683 min Scan# 1297

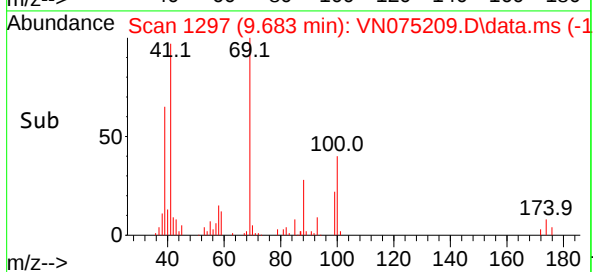
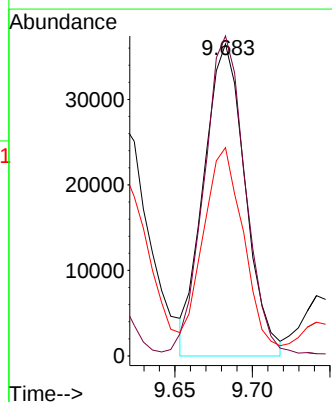
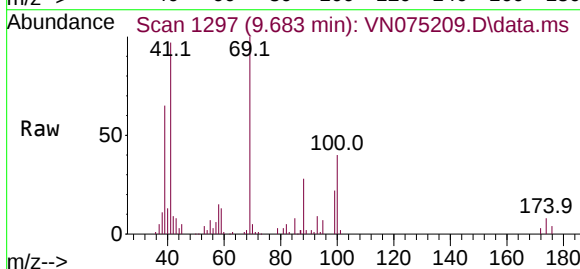
Delta R.T. 0.001 min

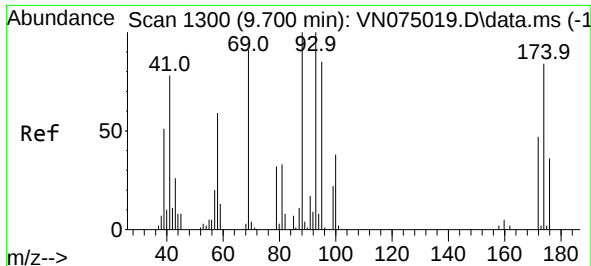
Lab File: VN075209.D

Acq: 08 Nov 2022 17:00

Tgt Ion: 41 Resp: 67880

Ion	Ratio	Lower	Upper
41	100		
69	103.0	80.2	120.2
39	66.0	56.2	84.2





#49

1,4-Dioxane

Concen: 912.217 ug/l

RT: 9.694 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VN075209.D

Acq: 08 Nov 2022 17:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 36022

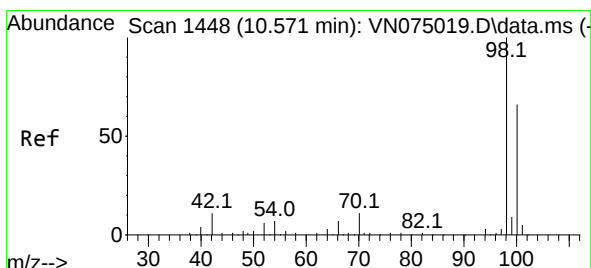
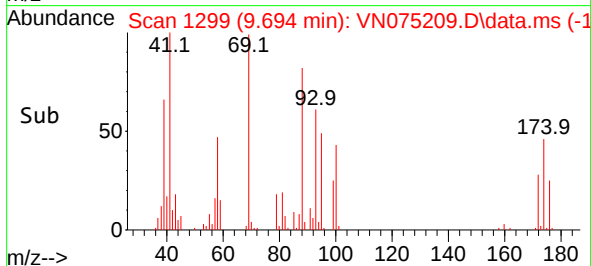
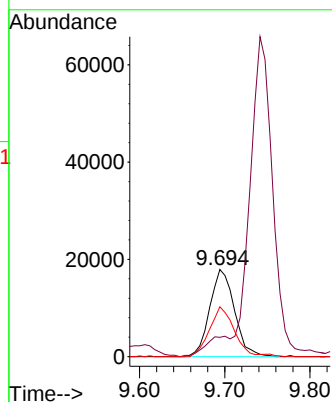
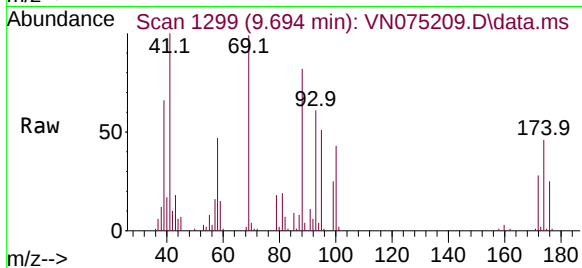
Ion	Ratio	Lower	Upper
88	100		
43	23.3	17.5	26.3
58	56.7	49.8	74.8

Manual Integrations

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Reviewed By :John Carlone 11/09/2022

Supervised By :Mahesh Dadoda 11/09/2022



#50

Toluene-d8

Concen: 49.806 ug/l

RT: 10.565 min Scan# 1447

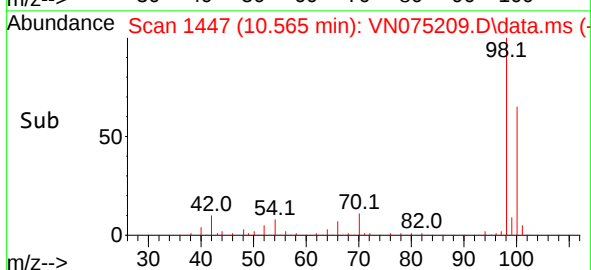
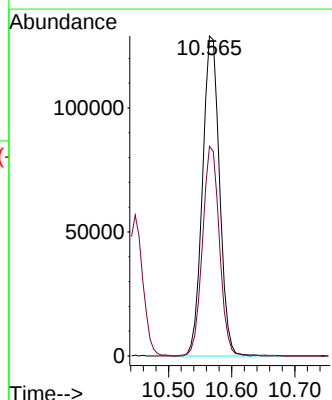
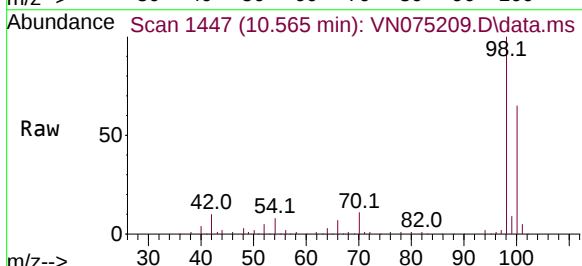
Delta R.T. -0.006 min

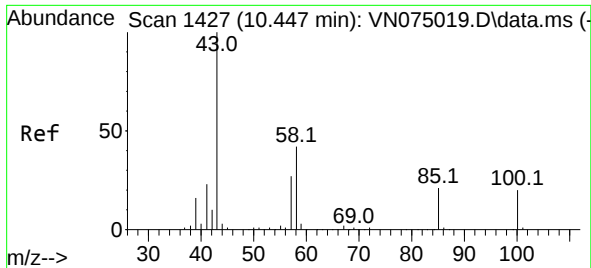
Lab File: VN075209.D

Acq: 08 Nov 2022 17:00

Tgt Ion: 98 Resp: 241206

Ion	Ratio	Lower	Upper
98	100		
100	65.0	53.0	79.6





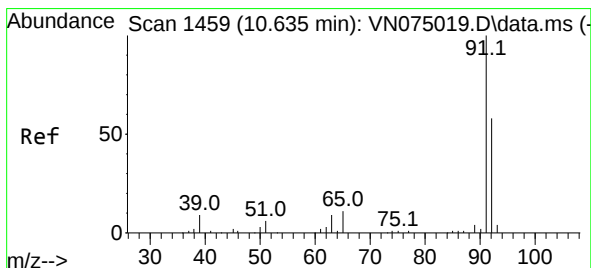
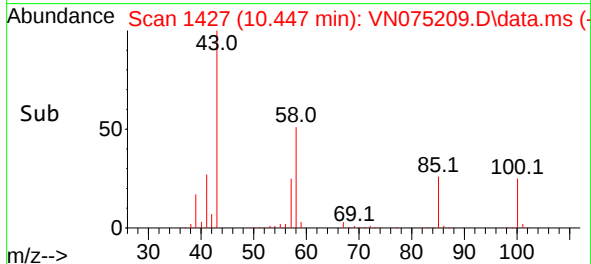
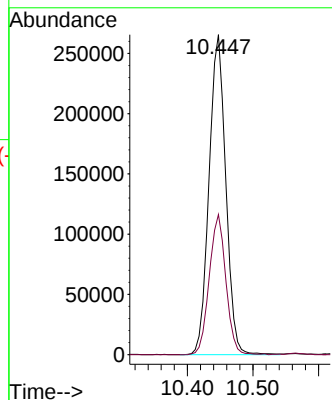
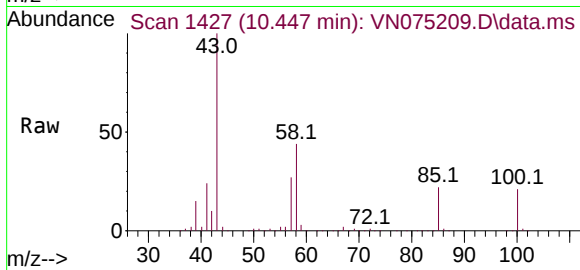
#51
4-Methyl-2-Pentanone
Concen: 221.697 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075209.D
Acq: 08 Nov 2022 17:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 470305
Ion Ratio Lower Upper
43 100
58 43.3 33.6 50.4

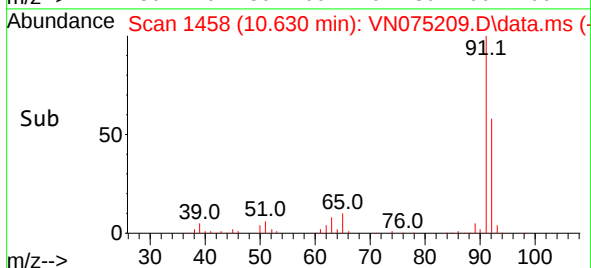
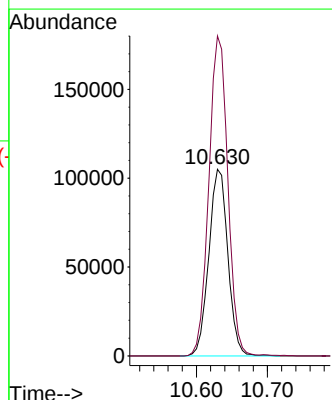
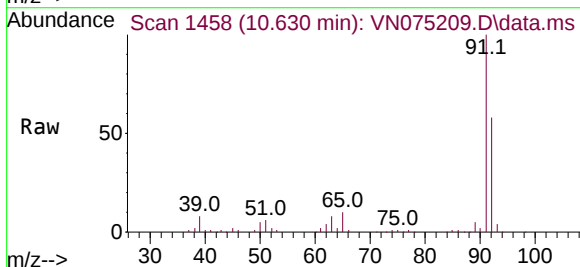
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APPROVED

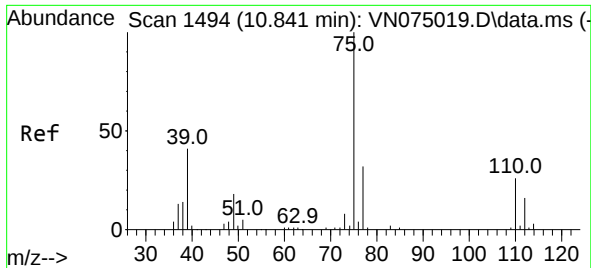
Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022



#52
Toluene
Concen: 49.464 ug/l
RT: 10.630 min Scan# 1458
Delta R.T. -0.005 min
Lab File: VN075209.D
Acq: 08 Nov 2022 17:00

Tgt Ion: 92 Resp: 195652
Ion Ratio Lower Upper
92 100
91 170.5 135.4 203.2





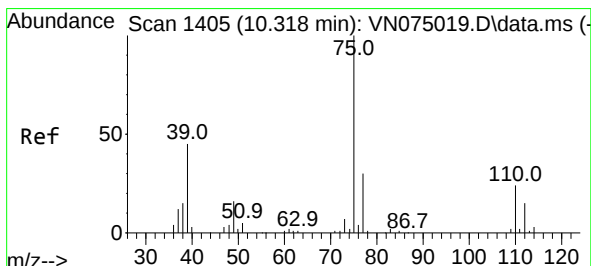
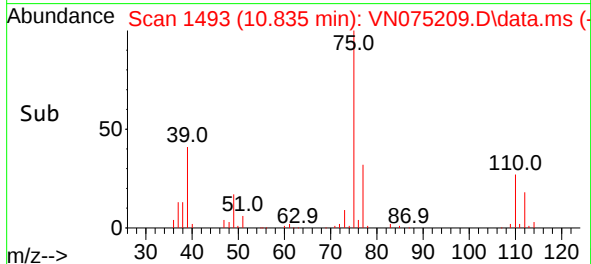
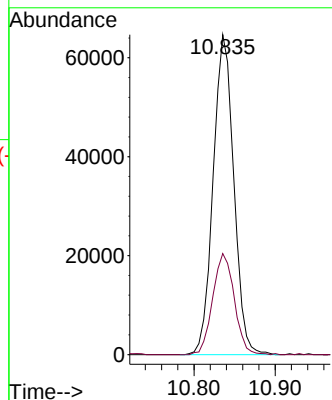
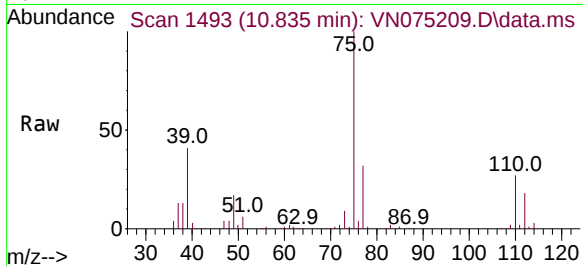
#53
 t-1,3-Dichloropropene
 Concen: 50.854 ug/l
 RT: 10.835 min Scan# 1493
 Delta R.T. -0.006 min
 Lab File: VN075209.D
 Acq: 08 Nov 2022 17:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 75 Resp: 114038
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.4 38.2

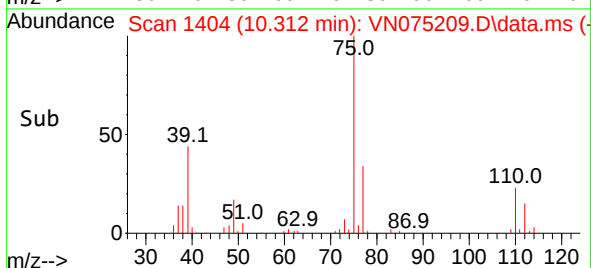
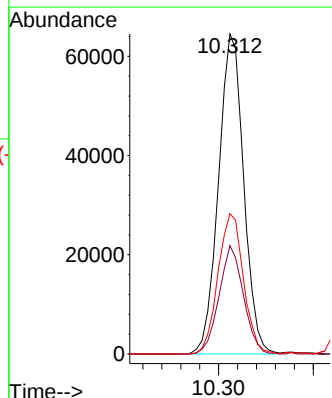
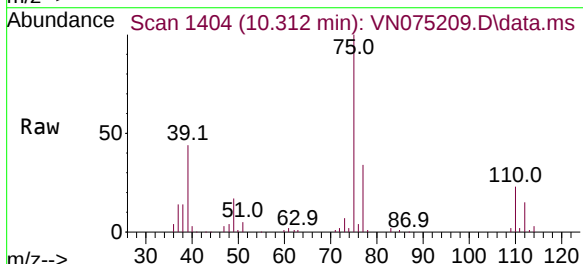
Manual Integrations
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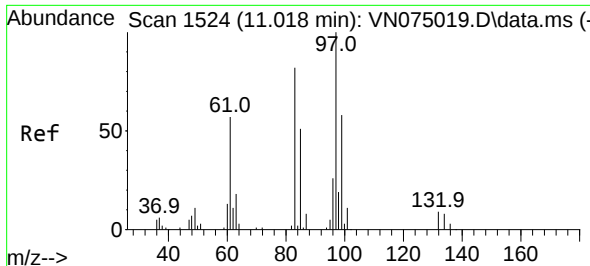
Reviewed By :John Carlone 11/09/2022
 Supervised By :Mahesh Dadoda 11/09/2022



#54
 cis-1,3-Dichloropropene
 Concen: 49.958 ug/l
 RT: 10.312 min Scan# 1404
 Delta R.T. -0.006 min
 Lab File: VN075209.D
 Acq: 08 Nov 2022 17:00

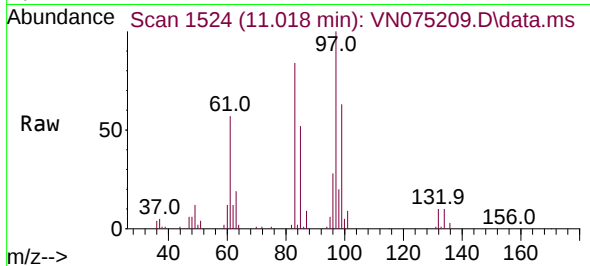
Tgt Ion: 75 Resp: 118823
 Ion Ratio Lower Upper
 75 100
 77 33.8 23.7 35.5
 39 43.8 35.8 53.6





#55
1,1,2-Trichloroethane
Concen: 50.538 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN075209.D
Acq: 08 Nov 2022 17:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

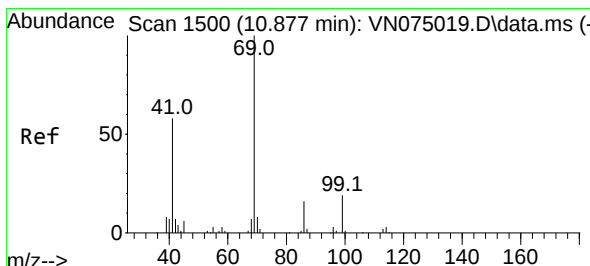
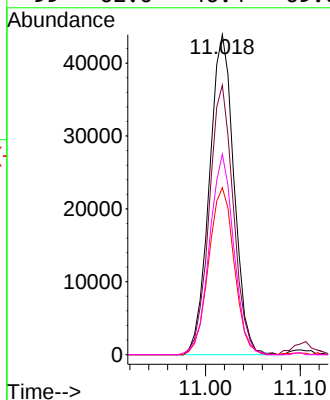
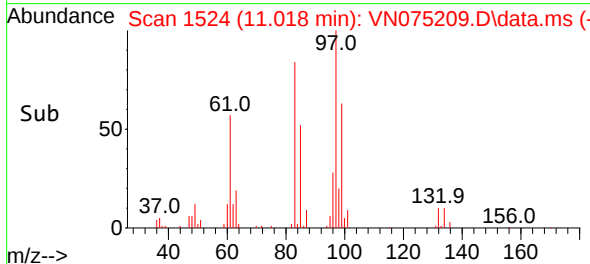


Tgt Ion: 97 Resp: 79262

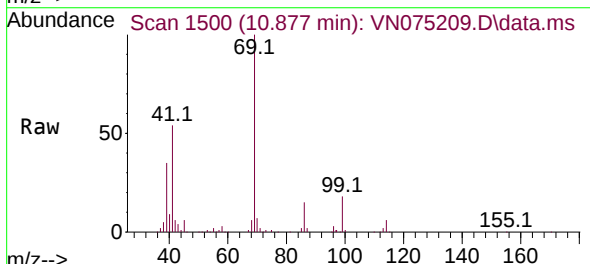
Ion	Ratio	Lower	Upper
97	100		
83	84.2	65.9	98.9
85	52.2	40.4	60.6
99	62.6	46.4	69.6

Manual Integrations
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Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022

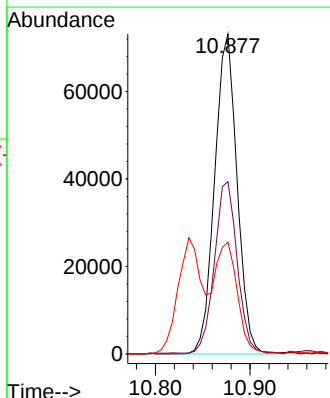
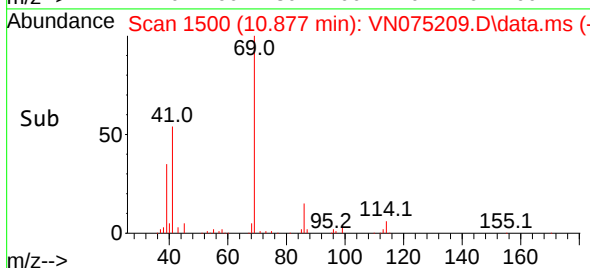


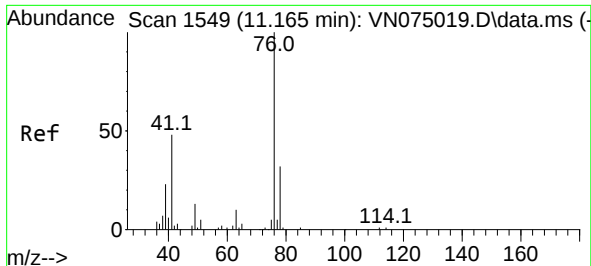
#56
Ethyl methacrylate
Concen: 50.274 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN075209.D
Acq: 08 Nov 2022 17:00



Tgt Ion: 69 Resp: 120273

Ion	Ratio	Lower	Upper
69	100		
41	55.0	45.6	68.4
39	36.6	28.5	42.7





#57

1,3-Dichloropropane

Concen: 49.742 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN075209.D

Acq: 08 Nov 2022 17:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 129918

Ion Ratio Lower Upper

76 100

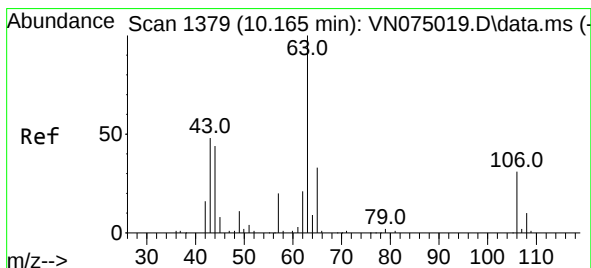
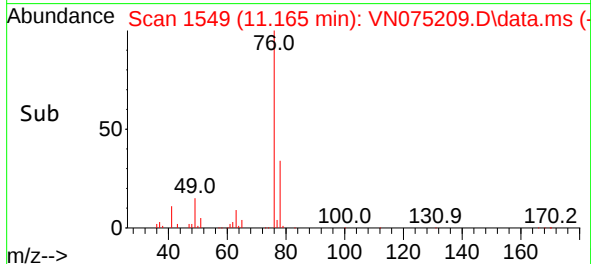
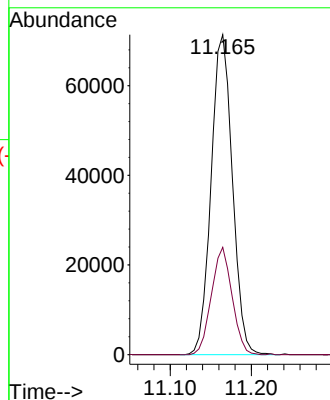
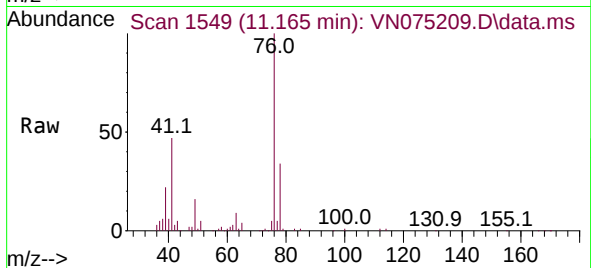
78 32.5 25.8 38.6

Manual Integrations

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Reviewed By :John Carlone 11/09/2022

Supervised By :Mahesh Dadoda 11/09/2022



#58

2-Chloroethyl Vinyl ether

Concen: 266.811 ug/l

RT: 10.159 min Scan# 1378

Delta R.T. -0.006 min

Lab File: VN075209.D

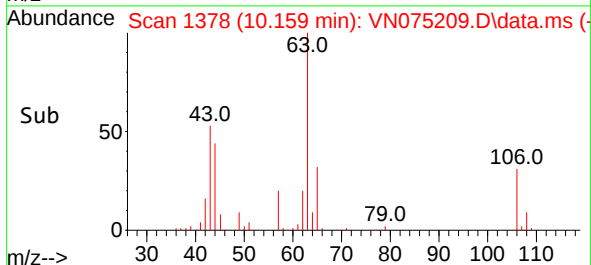
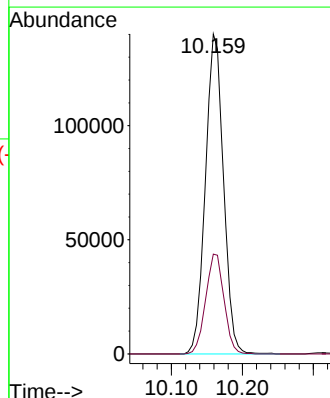
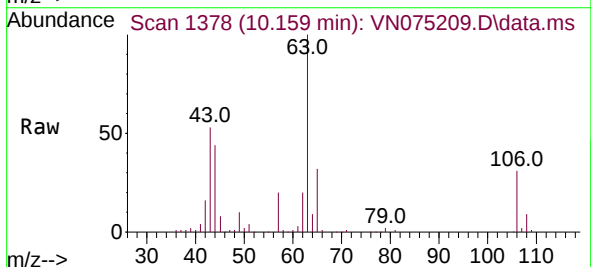
Acq: 08 Nov 2022 17:00

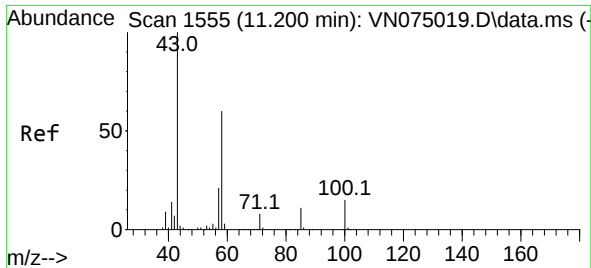
Tgt Ion: 63 Resp: 246765

Ion Ratio Lower Upper

63 100

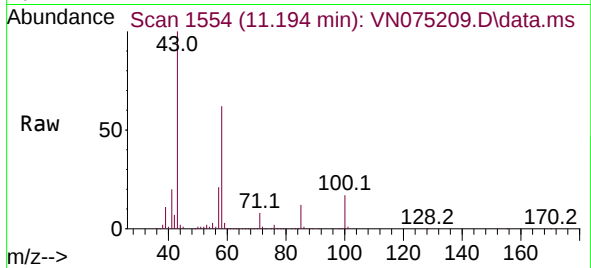
106 31.6 24.8 37.2





#59
2-Hexanone
Concen: 212.042 ug/l
RT: 11.194 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VN075209.D
Acq: 08 Nov 2022 17:00

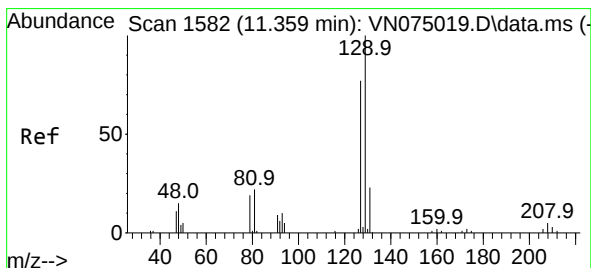
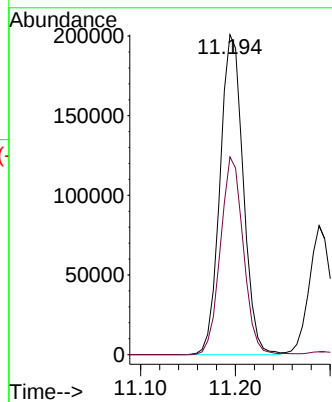
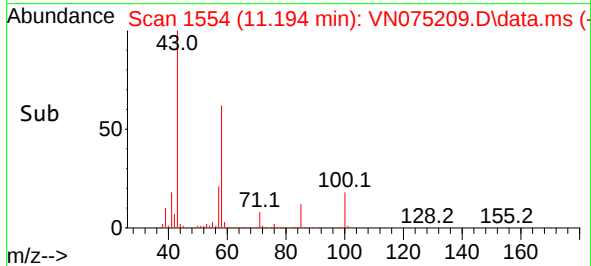
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 341400
Ion Ratio Lower Upper
43 100
58 61.1 29.6 88.8

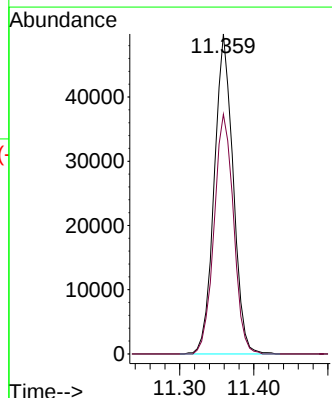
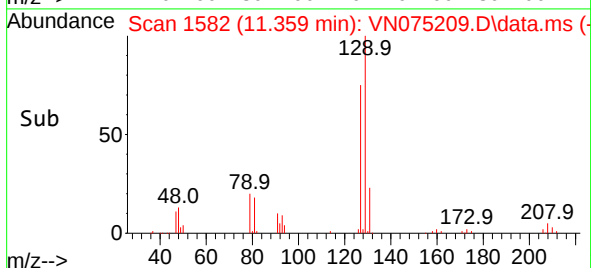
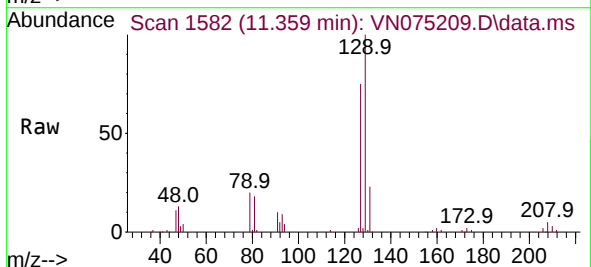
Manual Integrations
APPROVED

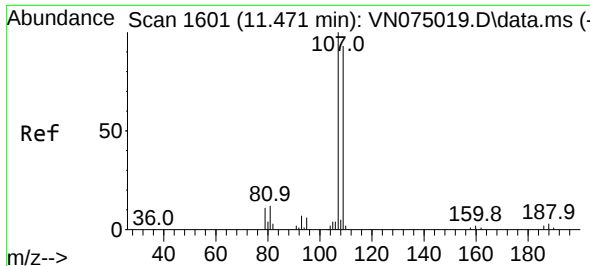
Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022



#60
Dibromochloromethane
Concen: 53.164 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN075209.D
Acq: 08 Nov 2022 17:00

Tgt Ion:129 Resp: 87969
Ion Ratio Lower Upper
129 100
127 77.1 38.6 115.8





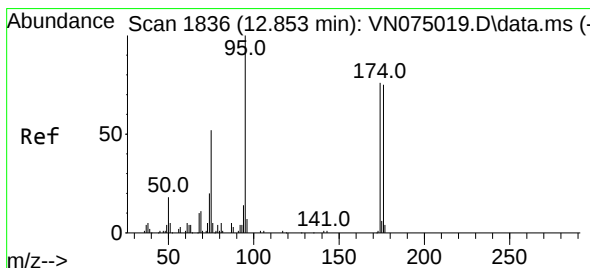
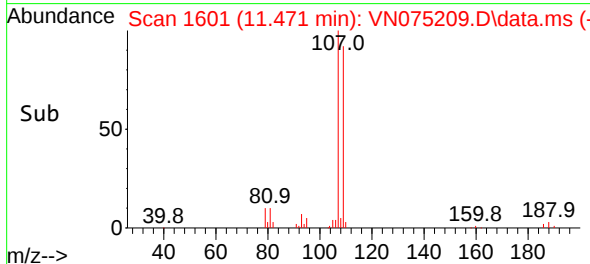
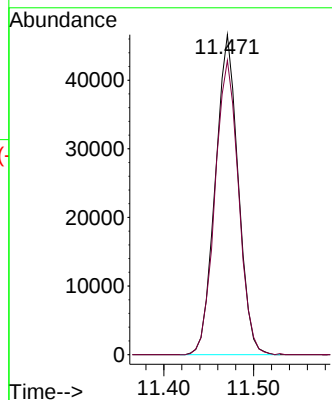
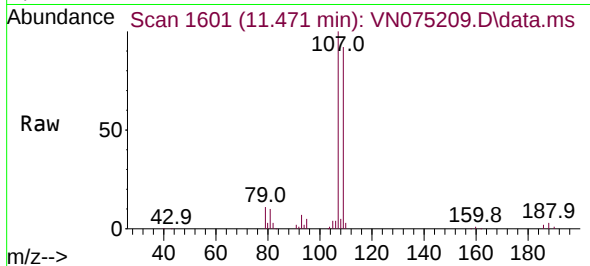
#61
1,2-Dibromoethane
Concen: 51.462 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN075209.D
Acq: 08 Nov 2022 17:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 82713
Ion Ratio Lower Upper
107 100
109 95.0 75.6 113.4

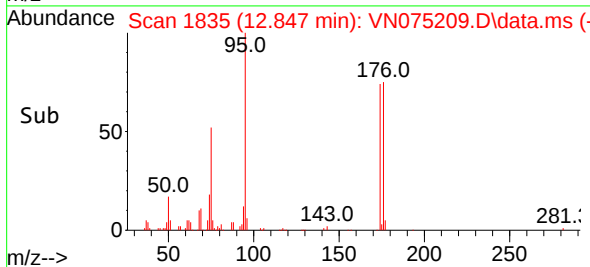
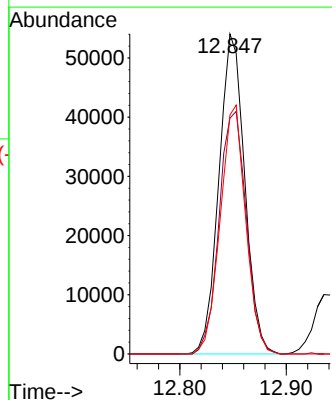
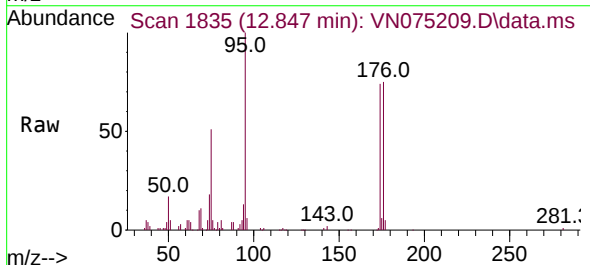
Manual Integrations
APPROVED

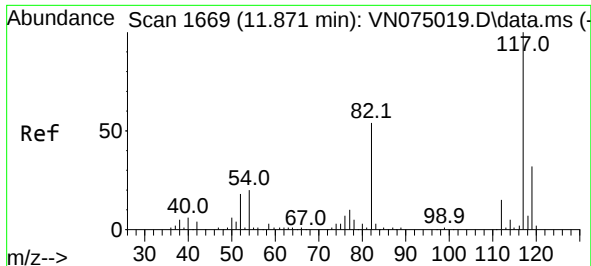
Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022



#62
4-Bromofluorobenzene
Concen: 53.443 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN075209.D
Acq: 08 Nov 2022 17:00

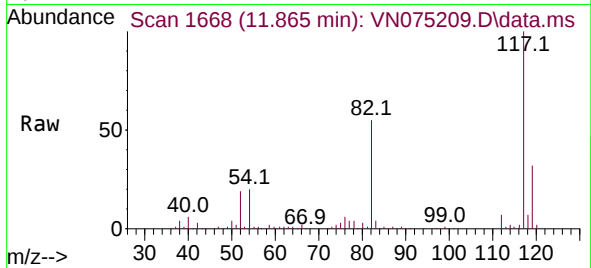
Tgt Ion: 95 Resp: 90918
Ion Ratio Lower Upper
95 100
174 79.9 0.0 147.4
176 76.8 0.0 142.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1669
Delta R.T. -0.006 min
Lab File: VN075209.D
Acq: 08 Nov 2022 17:00

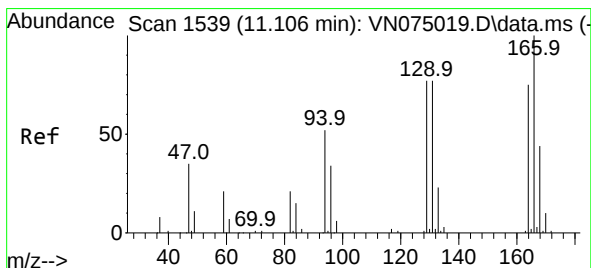
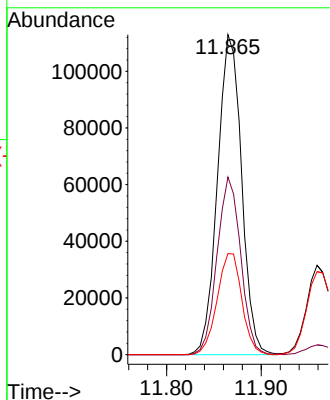
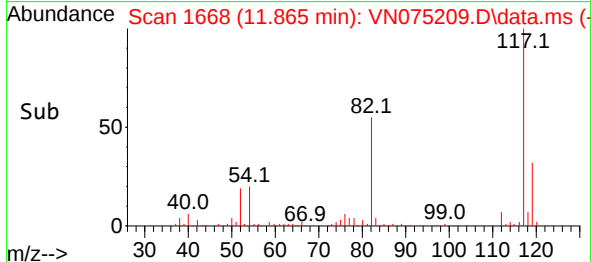
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



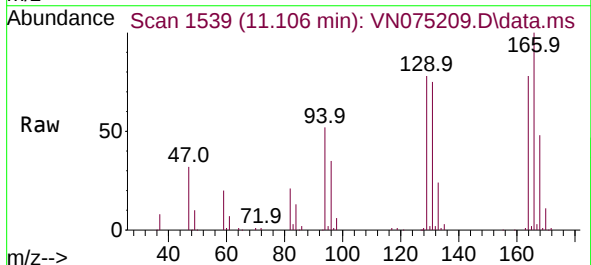
Tgt Ion:117 Resp: 199524
Ion Ratio Lower Upper
117 100
82 55.5 43.1 64.7
119 31.6 25.5 38.3

Manual Integrations
APPROVED

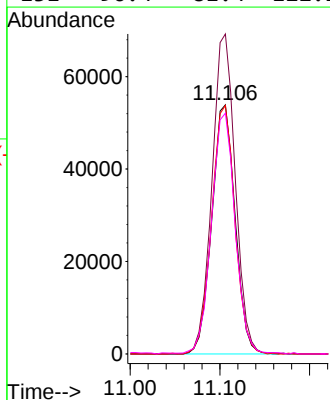
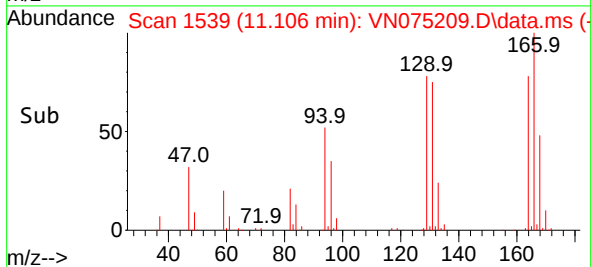
Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022

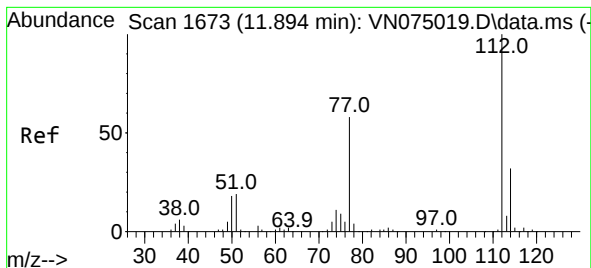


#64
Tetrachloroethene
Concen: 79.416 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN075209.D
Acq: 08 Nov 2022 17:00



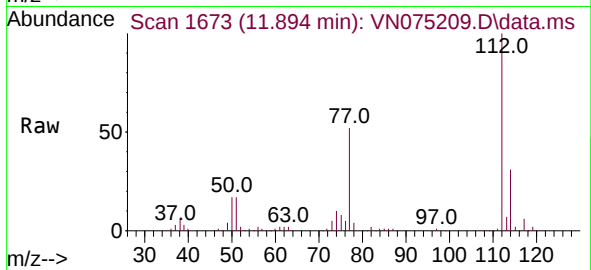
Tgt Ion:164 Resp: 97146
Ion Ratio Lower Upper
164 100
166 128.5 106.5 159.7
129 99.7 81.9 122.9
131 96.4 81.4 122.2





#65
Chlorobenzene
Concen: 50.325 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075209.D
Acq: 08 Nov 2022 17:00

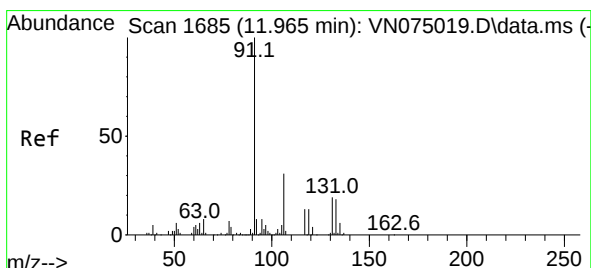
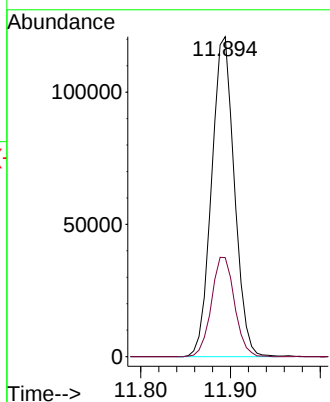
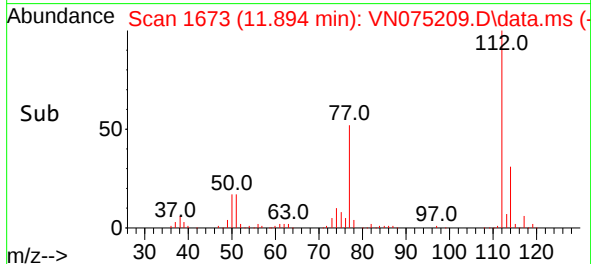
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



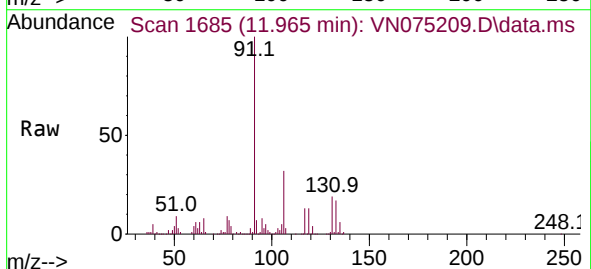
Tgt Ion:112 Resp: 214328
Ion Ratio Lower Upper
112 100
114 30.9 25.4 38.2

Manual Integrations
APPROVED

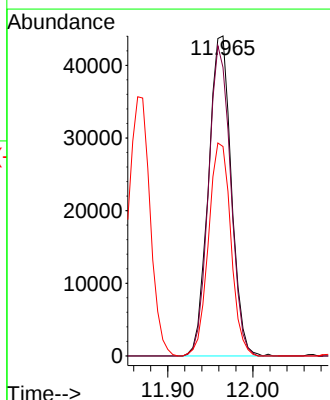
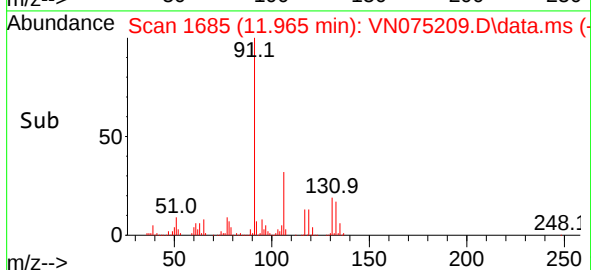
Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022

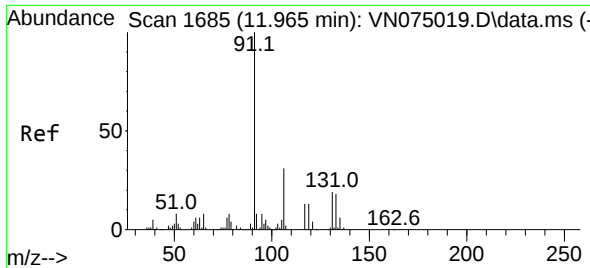


#66
1,1,1,2-Tetrachloroethane
Concen: 51.916 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075209.D
Acq: 08 Nov 2022 17:00



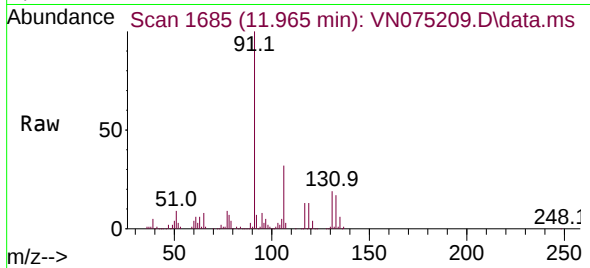
Tgt Ion:131 Resp: 82021
Ion Ratio Lower Upper
131 100
133 93.7 47.8 143.4
119 65.1 33.0 99.0





#67
Ethyl Benzene
Concen: 50.691 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075209.D
Acq: 08 Nov 2022 17:00

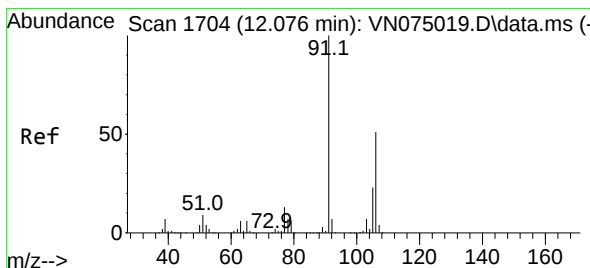
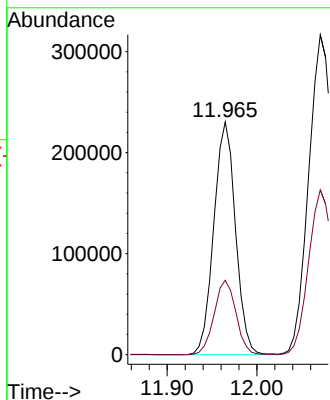
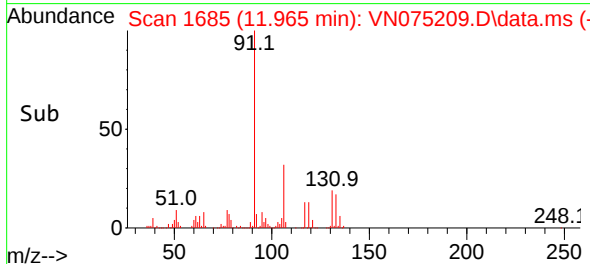
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 388414
Ion Ratio Lower Upper
91 100
106 32.0 24.9 37.3

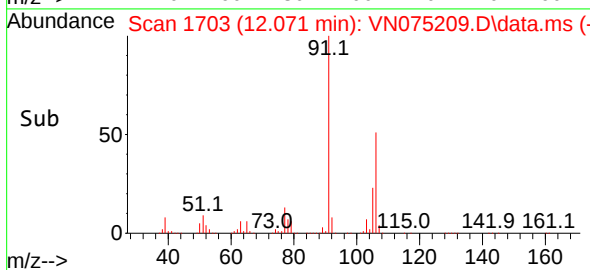
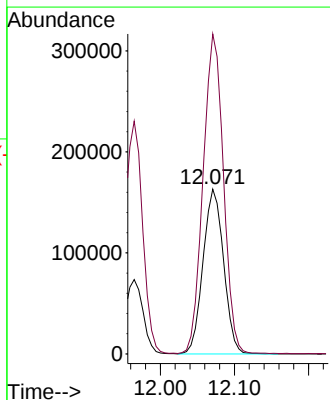
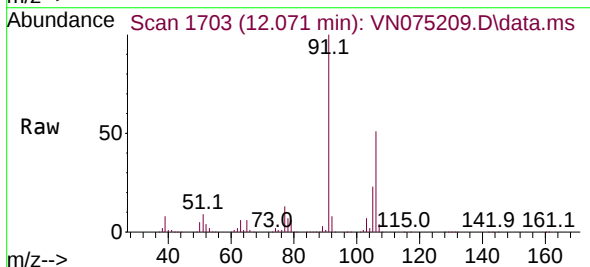
Manual Integrations
APPROVED

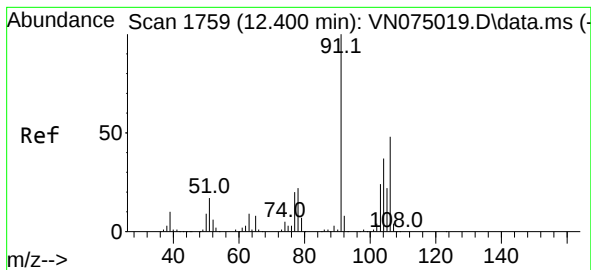
Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022



#68
m/p-Xylenes
Concen: 102.315 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.005 min
Lab File: VN075209.D
Acq: 08 Nov 2022 17:00

Tgt Ion:106 Resp: 314567
Ion Ratio Lower Upper
106 100
91 192.8 156.0 234.0





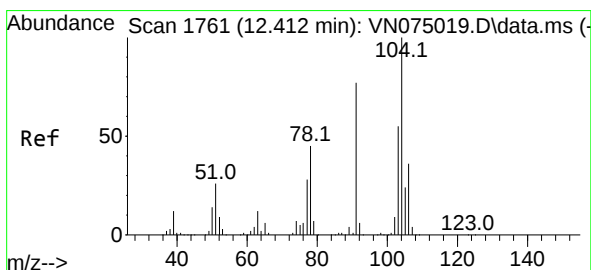
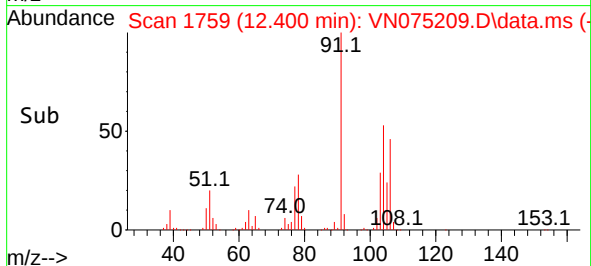
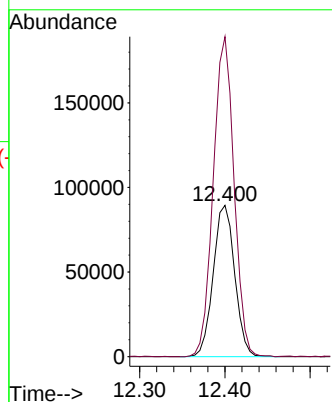
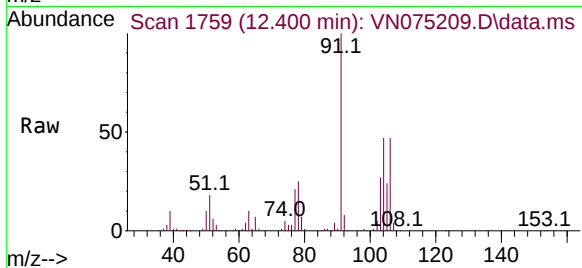
#69
o-Xylene
Concen: 51.450 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN075209.D
Acq: 08 Nov 2022 17:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 156435
Ion Ratio Lower Upper
106 100
91 204.5 105.2 315.5

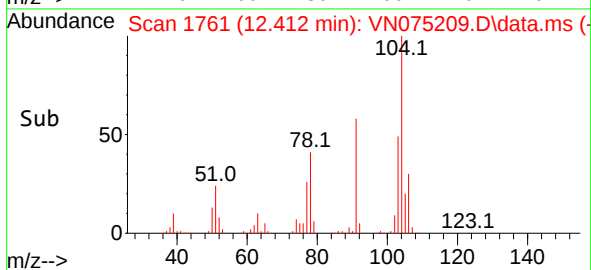
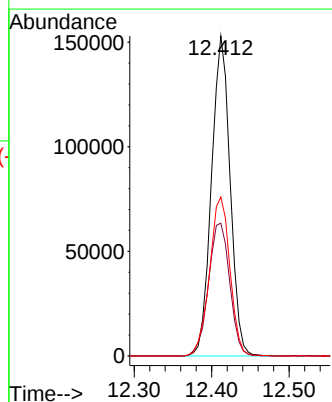
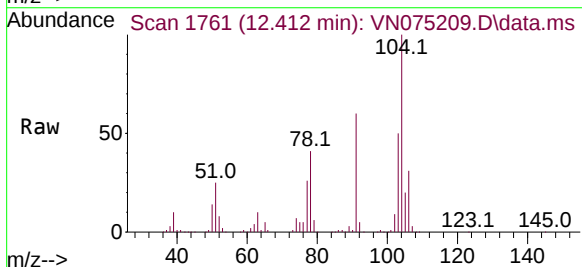
Manual Integrations
APPROVED

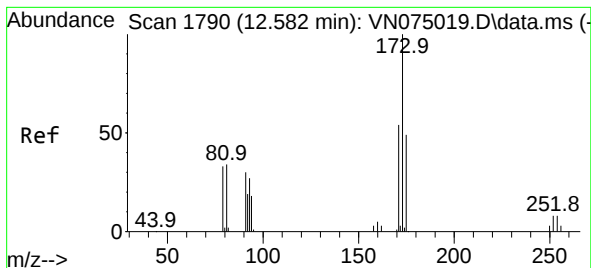
Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022



#70
Styrene
Concen: 52.691 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075209.D
Acq: 08 Nov 2022 17:00

Tgt Ion:104 Resp: 255451
Ion Ratio Lower Upper
104 100
78 47.3 38.1 57.1
103 54.2 44.6 66.8





#71

Bromoform

Concen: 53.563 ug/l

RT: 12.576 min Scan# 1790

Delta R.T. -0.006 min

Lab File: VN075209.D

Acq: 08 Nov 2022 17:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

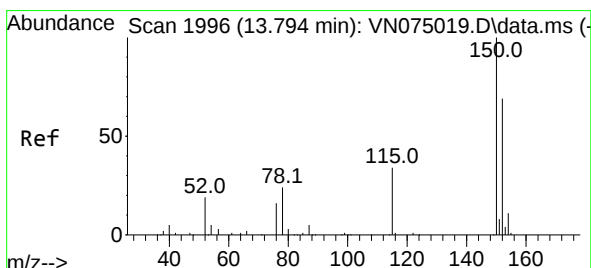
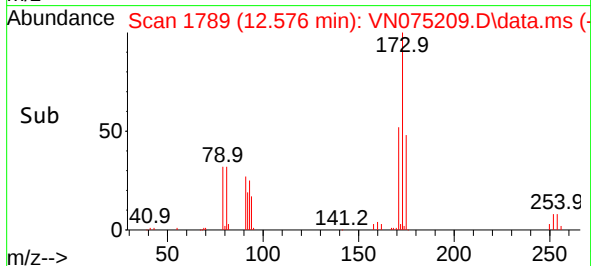
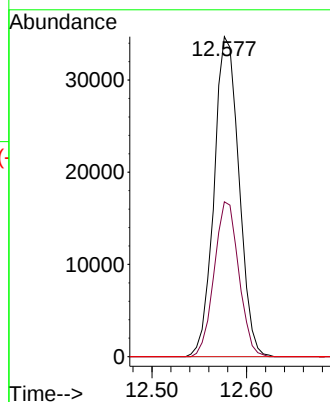
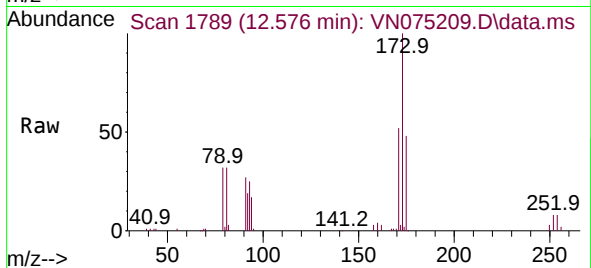
Tgt Ion:173 Resp: 63352
 Ion Ratio Lower Upper
 173 100
 175 47.7 24.6 74.0
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2022

Supervised By :Mahesh Dadoda 11/09/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

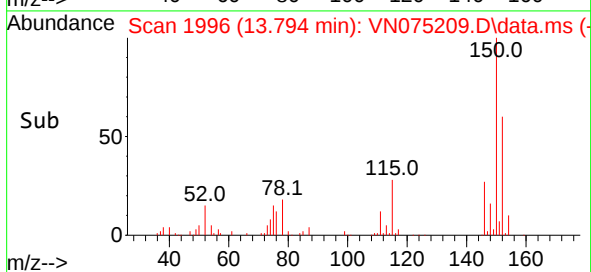
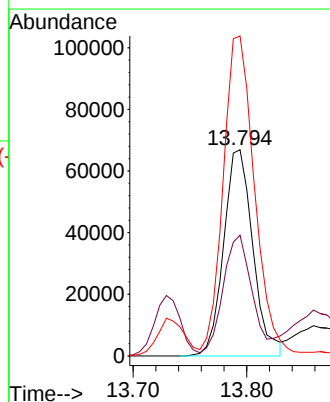
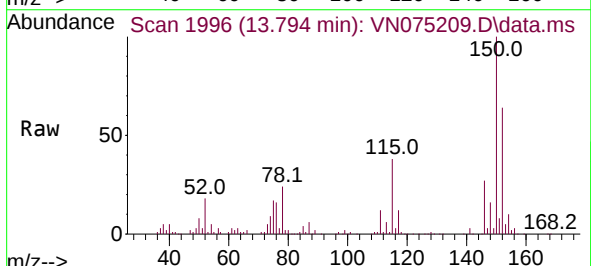
RT: 13.794 min Scan# 1996

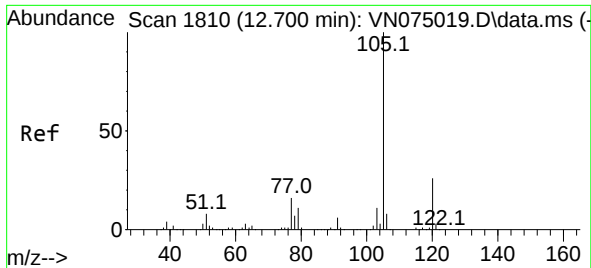
Delta R.T. 0.000 min

Lab File: VN075209.D

Acq: 08 Nov 2022 17:00

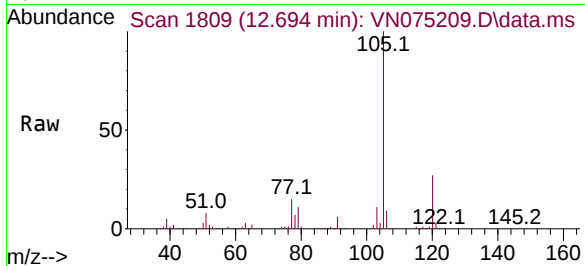
Tgt Ion:152 Resp: 119335
 Ion Ratio Lower Upper
 152 100
 115 56.8 30.2 90.6
 150 163.1 0.0 348.4





#73
Isopropylbenzene
Concen: 42.429 ug/l
RT: 12.694 min Scan# 1810
Delta R.T. -0.006 min
Lab File: VN075209.D
Acq: 08 Nov 2022 17:00

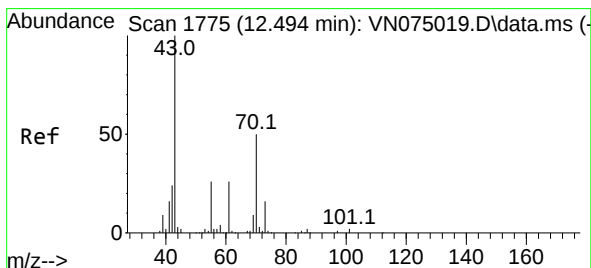
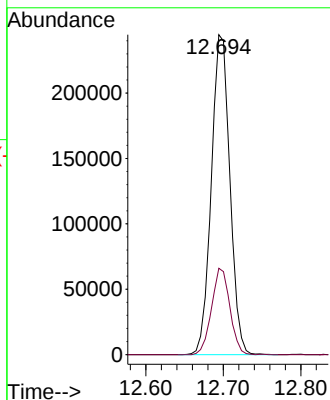
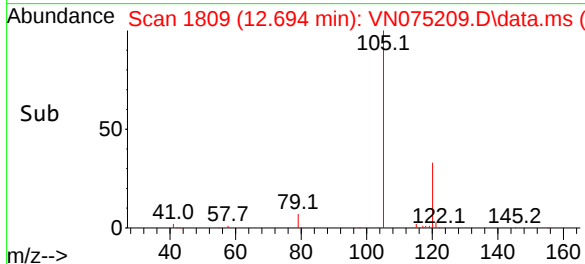
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



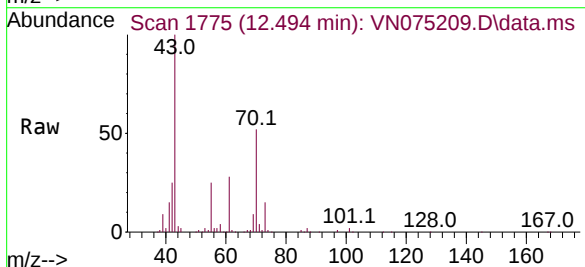
Tgt Ion:105 Resp: 406488
Ion Ratio Lower Upper
105 100
120 26.6 13.1 39.1

Manual Integrations
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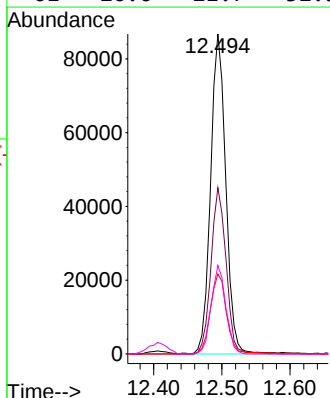
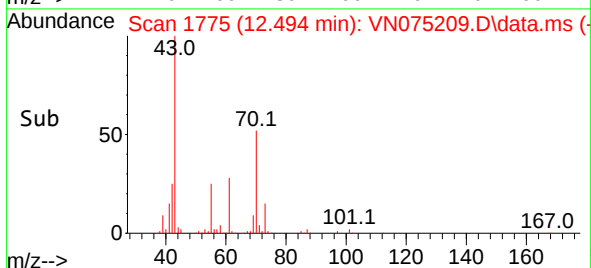
Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022

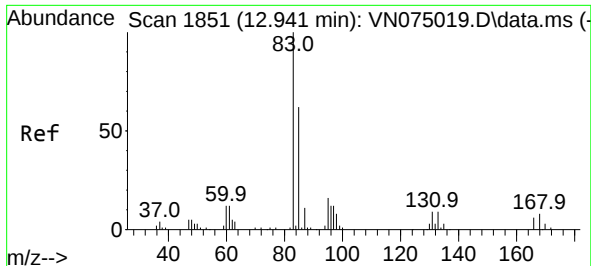


#74
N-ethyl acetate
Concen: 37.698 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN075209.D
Acq: 08 Nov 2022 17:00



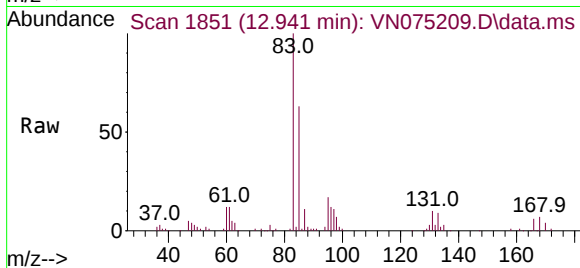
Tgt Ion: 43 Resp: 133577
Ion Ratio Lower Upper
43 100
70 51.6 39.8 59.8
55 26.6 19.9 29.9
61 26.6 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 35.411 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075209.D
Acq: 08 Nov 2022 17:00

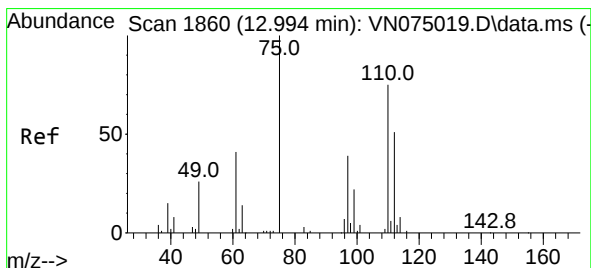
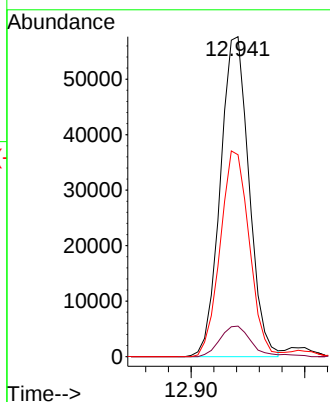
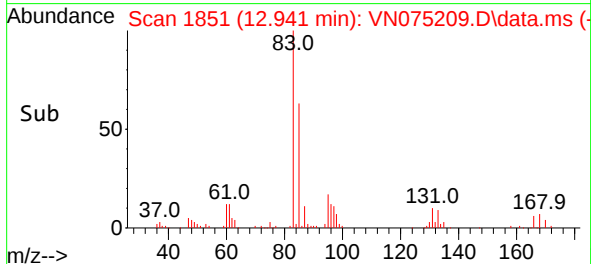
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 101072
Ion Ratio Lower Upper
83 100
131 10.6 5.1 15.3
85 65.1 31.6 94.7

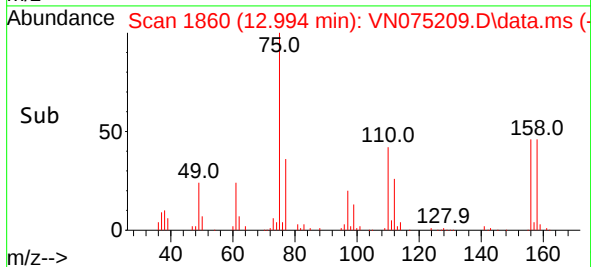
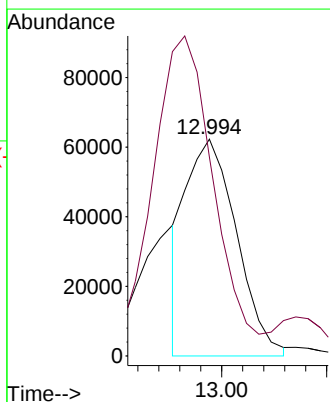
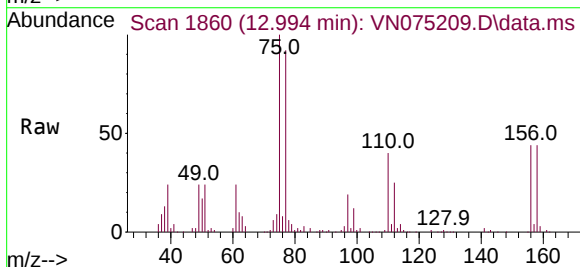
Manual Integrations
APPROVED

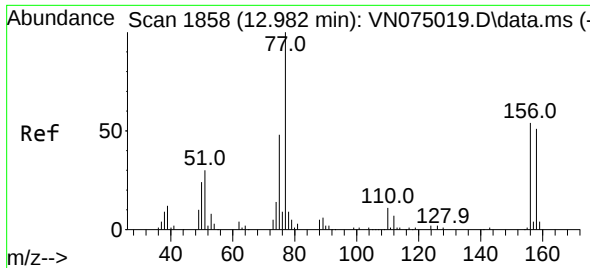
Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022



#76
1,2,3-Trichloropropane
Concen: 41.436 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN075209.D
Acq: 08 Nov 2022 17:00

Tgt Ion: 75 Resp: 104990
Ion Ratio Lower Upper
75 100
77 177.7 75.6 226.8





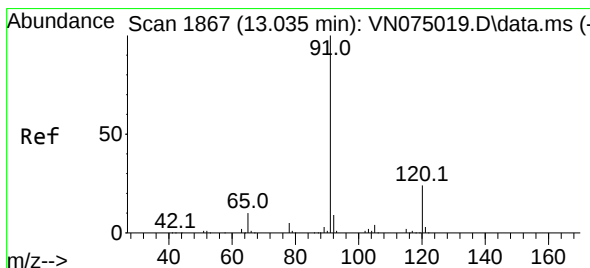
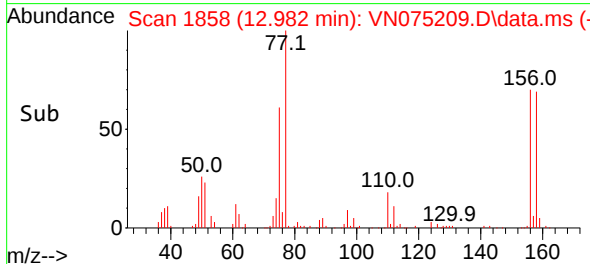
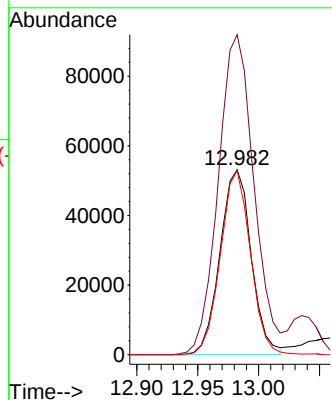
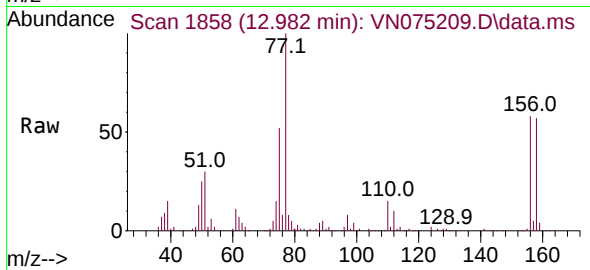
#77
Bromobenzene
Concen: 44.871 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075209.D
Acq: 08 Nov 2022 17:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:156 Resp: 94655
Ion Ratio Lower Upper
156 100
77 197.1 108.5 325.5
158 95.6 47.7 143.1

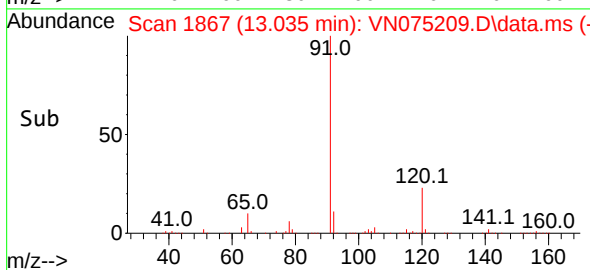
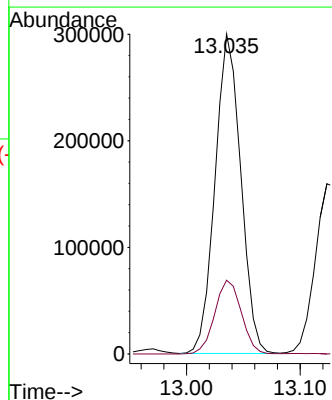
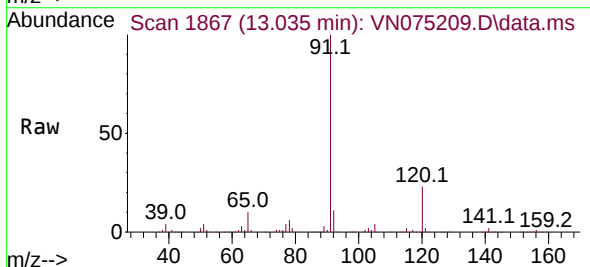
Manual Integrations
APPROVED

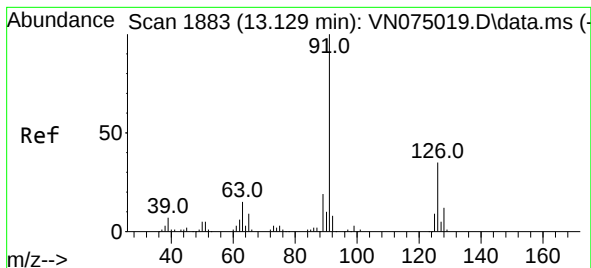
Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022



#78
n-propylbenzene
Concen: 43.864 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN075209.D
Acq: 08 Nov 2022 17:00

Tgt Ion: 91 Resp: 471814
Ion Ratio Lower Upper
91 100
120 23.8 11.9 35.5





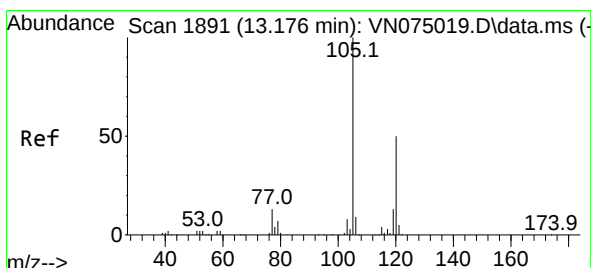
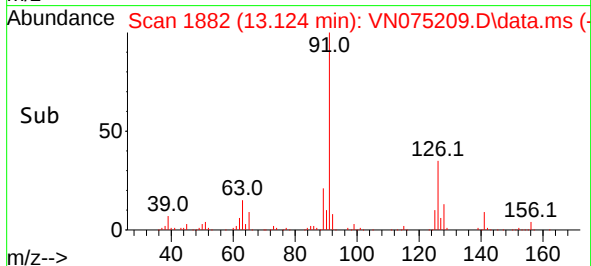
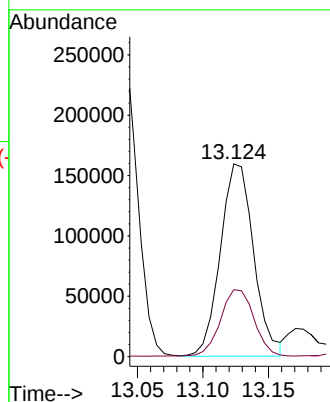
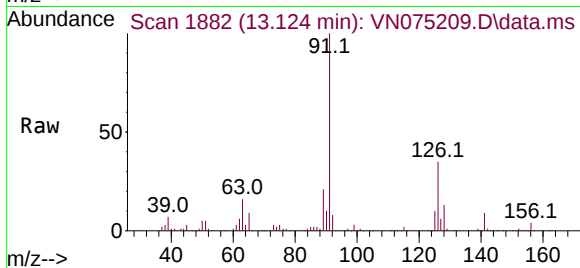
#79
2-Chlorotoluene
Concen: 42.938 ug/l
RT: 13.124 min Scan# 1882
Delta R.T. -0.005 min
Lab File: VN075209.D
Acq: 08 Nov 2022 17:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 282222
Ion Ratio Lower Upper
91 100
126 35.8 16.9 50.7

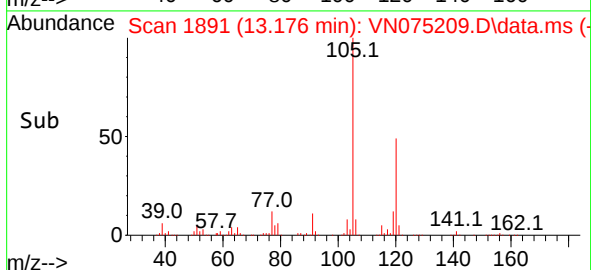
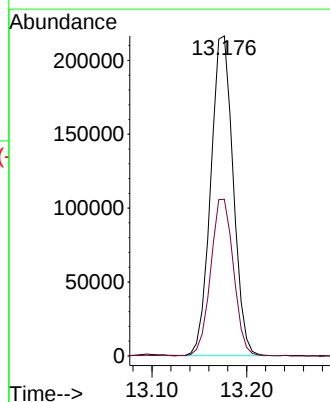
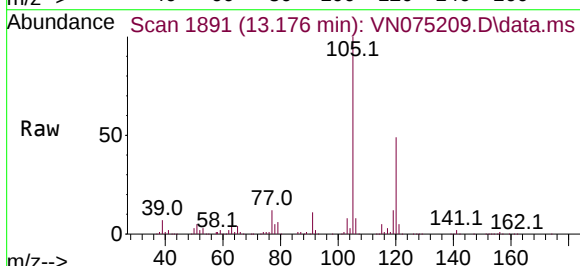
Manual Integrations
APPROVED

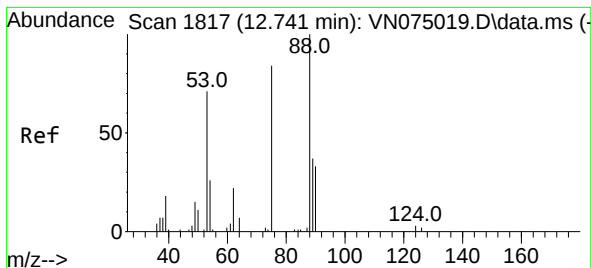
Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022



#80
1,3,5-Trimethylbenzene
Concen: 44.200 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075209.D
Acq: 08 Nov 2022 17:00

Tgt Ion:105 Resp: 355662
Ion Ratio Lower Upper
105 100
120 50.0 24.7 74.1





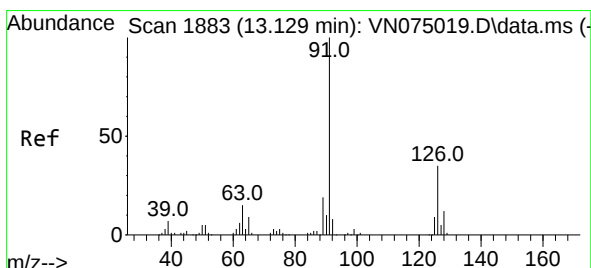
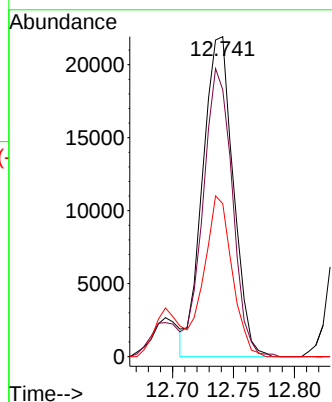
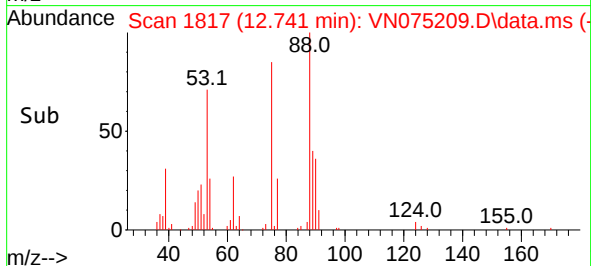
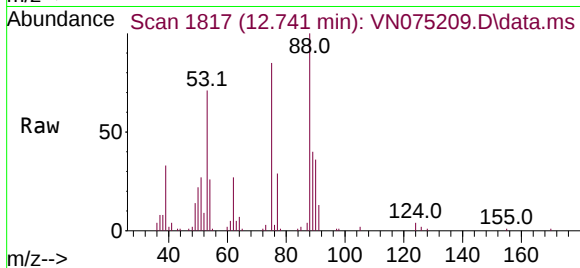
#81
trans-1,4-Dichloro-2-butene
Concen: 38.897 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.000 min
Lab File: VN075209.D
Acq: 08 Nov 2022 17:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 38394
Ion Ratio Lower Upper
75 100
53 86.3 78.5 117.7
89 45.7 37.7 56.5

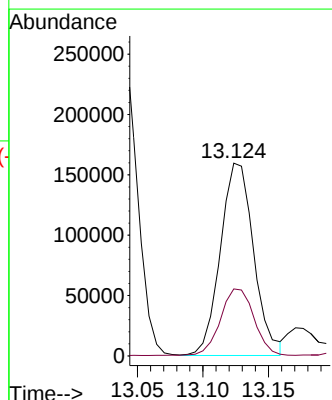
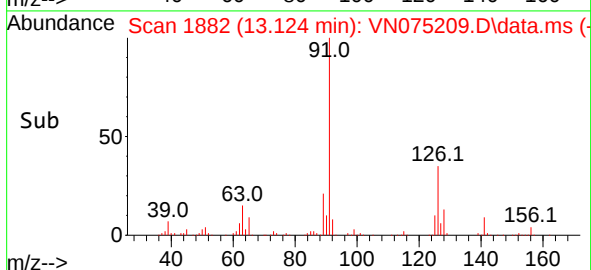
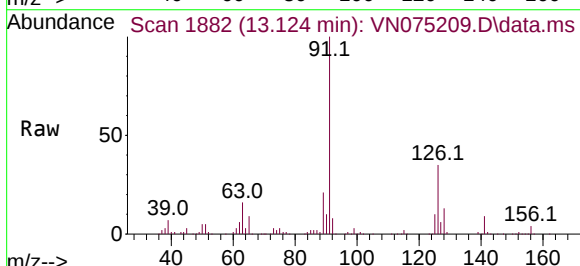
Manual Integrations
APPROVED

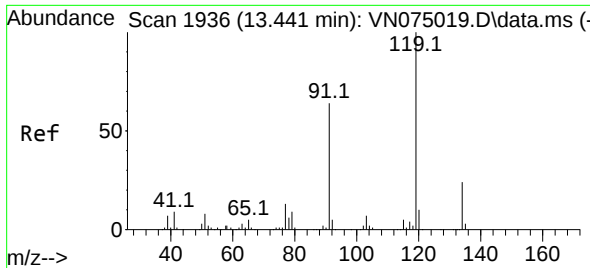
Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022



#82
4-Chlorotoluene
Concen: 42.938 ug/l
RT: 13.124 min Scan# 1882
Delta R.T. -0.005 min
Lab File: VN075209.D
Acq: 08 Nov 2022 17:00

Tgt Ion: 91 Resp: 282222
Ion Ratio Lower Upper
91 100
126 35.8 16.9 50.7





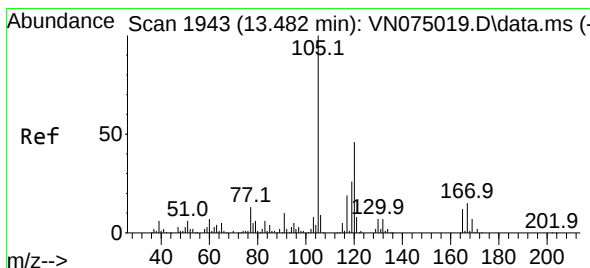
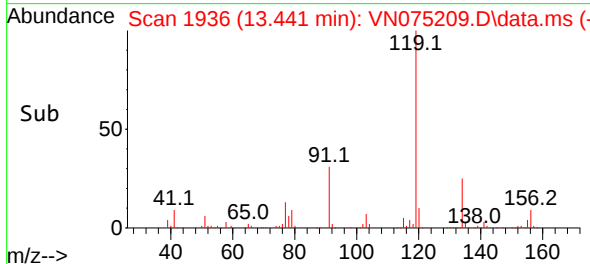
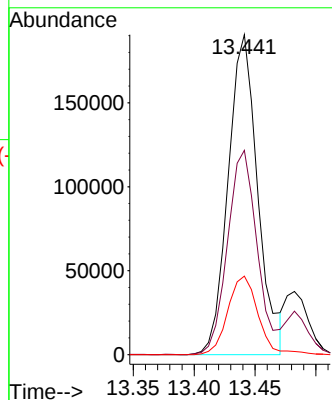
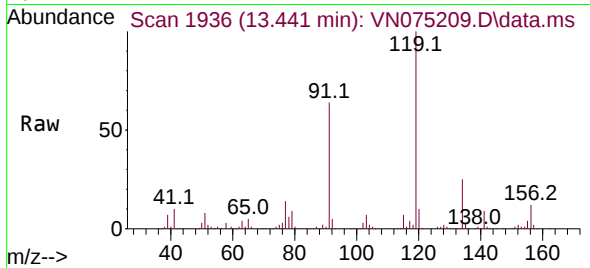
#83
tert-Butylbenzene
Concen: 45.113 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075209.D
Acq: 08 Nov 2022 17:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 322558
Ion Ratio Lower Upper
119 100
91 62.9 32.8 98.4
134 25.1 12.3 36.9

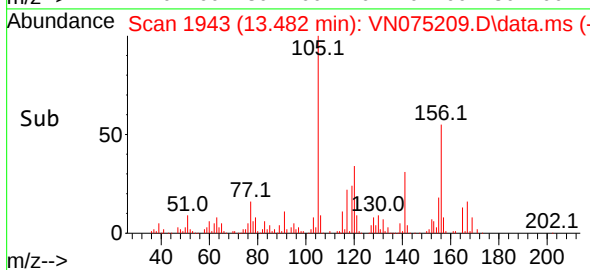
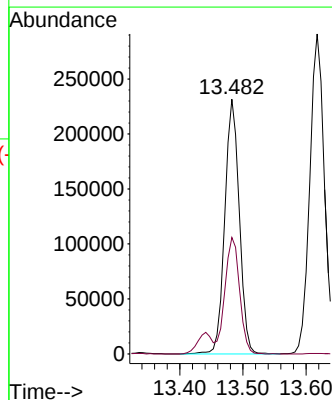
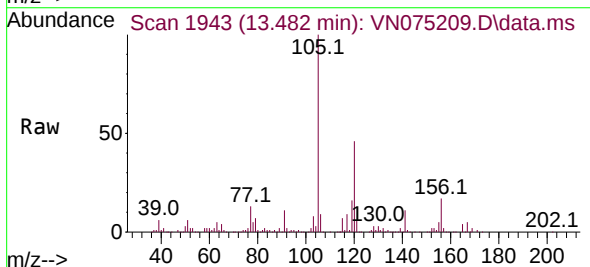
Manual Integrations
APPROVED

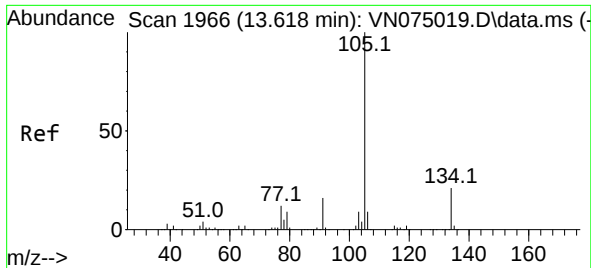
Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022



#84
1,2,4-Trimethylbenzene
Concen: 45.330 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075209.D
Acq: 08 Nov 2022 17:00

Tgt Ion:105 Resp: 369057
Ion Ratio Lower Upper
105 100
120 46.3 22.7 68.1





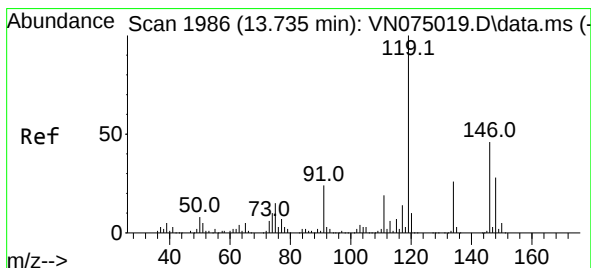
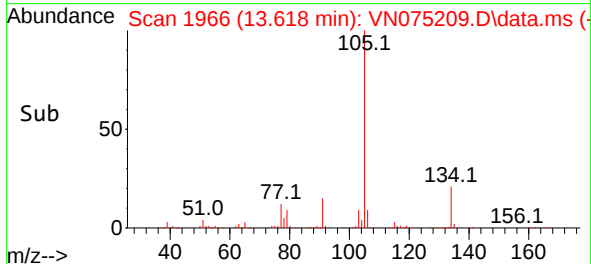
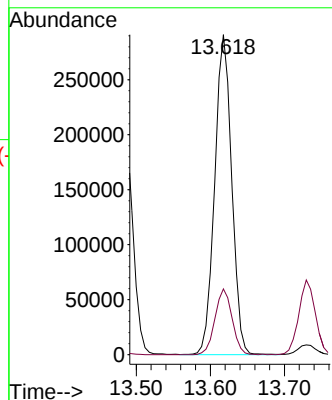
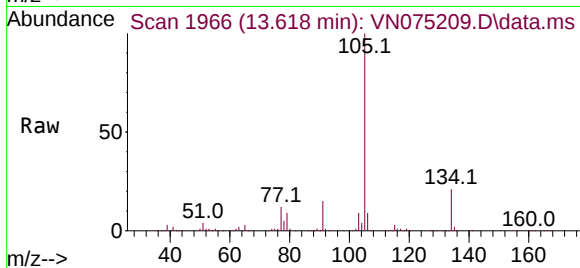
#85
 sec-Butylbenzene
 Concen: 46.382 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN075209.D
 Acq: 08 Nov 2022 17:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 46393
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.2 30.6

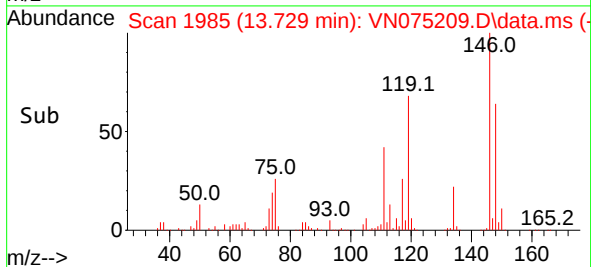
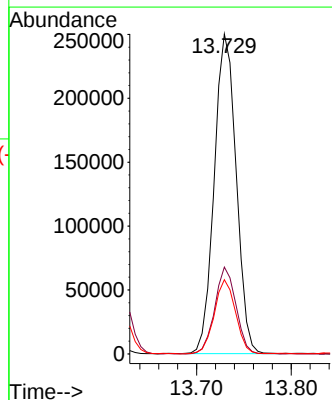
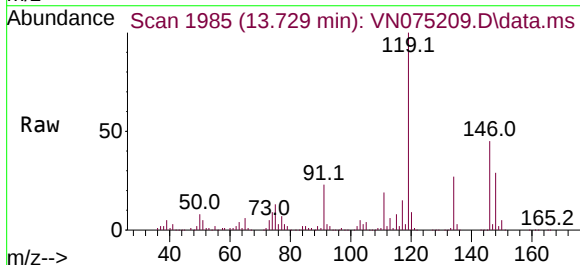
Manual Integrations
 APPROVED

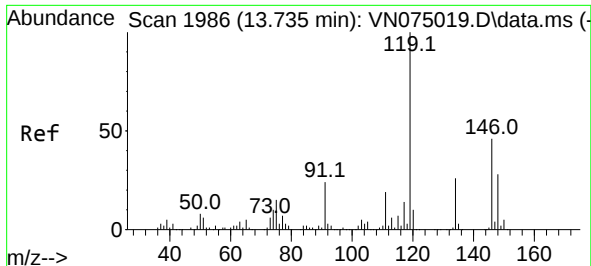
Reviewed By :John Carlone 11/09/2022
 Supervised By :Mahesh Dadoda 11/09/2022



#86
 p-Isopropyltoluene
 Concen: 48.721 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.006 min
 Lab File: VN075209.D
 Acq: 08 Nov 2022 17:00

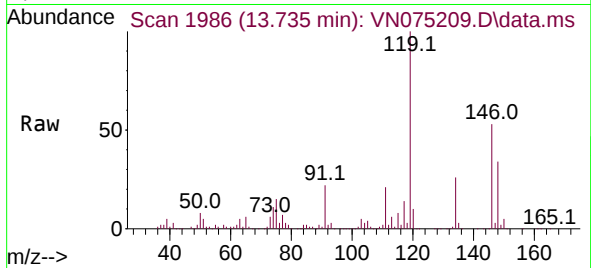
Tgt Ion:119 Resp: 402465
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.1 39.3
 91 22.6 11.9 35.5





#87
1,3-Dichlorobenzene
Concen: 48.249 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN075209.D
Acq: 08 Nov 2022 17:00

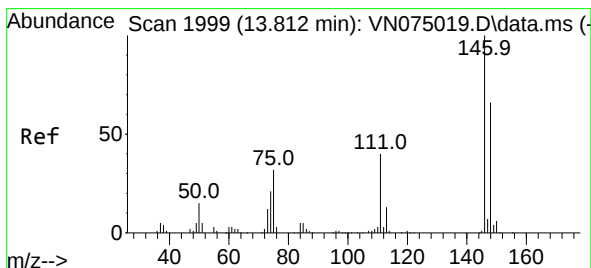
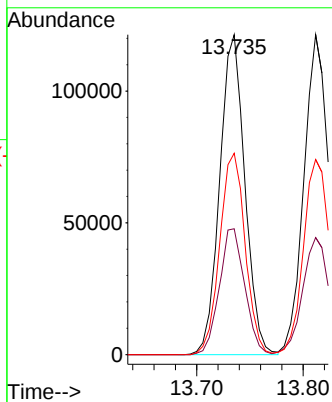
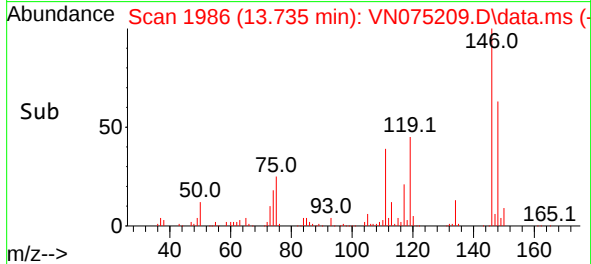
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



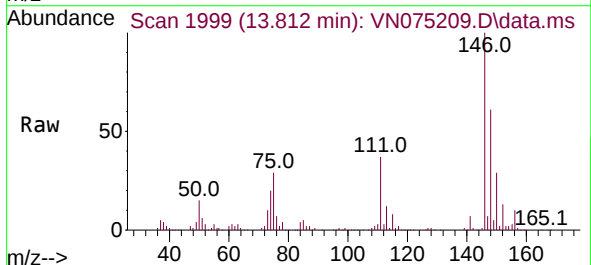
Tgt Ion:146 Resp: 199281
Ion Ratio Lower Upper
146 100
111 39.7 20.8 62.5
148 63.6 31.1 93.5

Manual Integrations
APPROVED

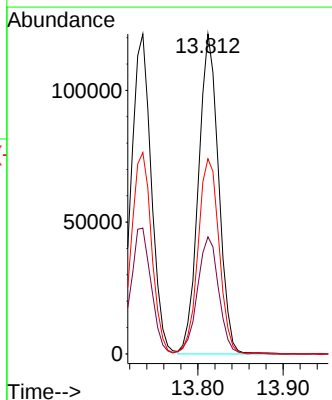
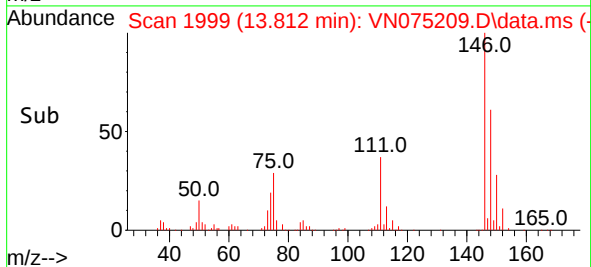
Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022

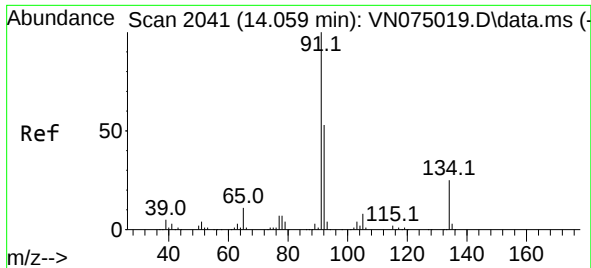


#88
1,4-Dichlorobenzene
Concen: 48.776 ug/l
RT: 13.812 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN075209.D
Acq: 08 Nov 2022 17:00



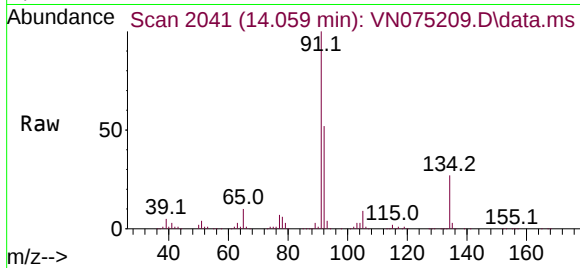
Tgt Ion:146 Resp: 199377
Ion Ratio Lower Upper
146 100
111 39.1 20.1 60.3
148 63.5 31.9 95.7





#89
n-Butylbenzene
Concen: 51.687 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075209.D
Acq: 08 Nov 2022 17:00

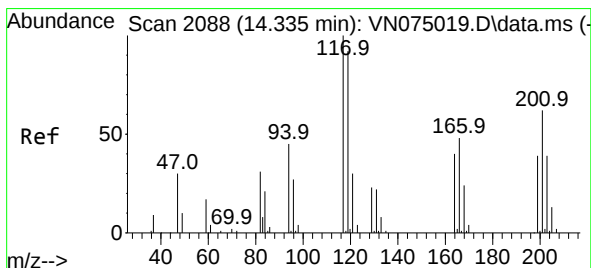
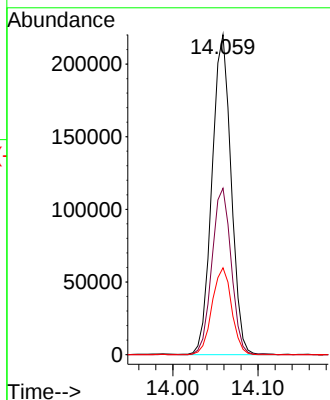
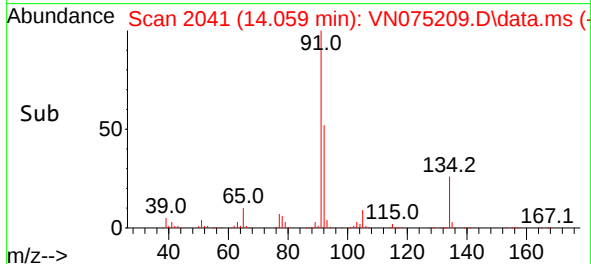
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



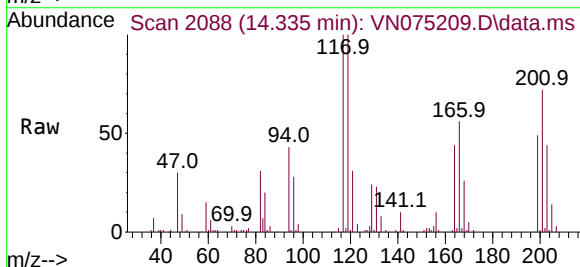
Tgt Ion: 91 Resp: 343826
Ion Ratio Lower Upper
91 100
92 52.4 26.5 79.4
134 27.7 13.0 39.0

Manual Integrations
APPROVED

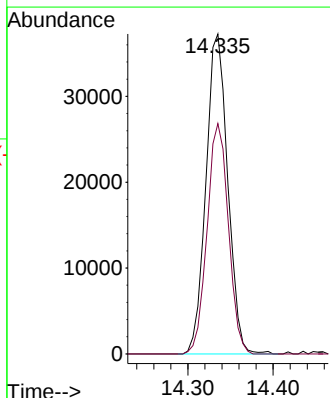
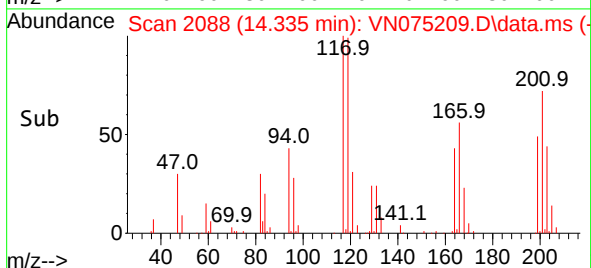
Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022

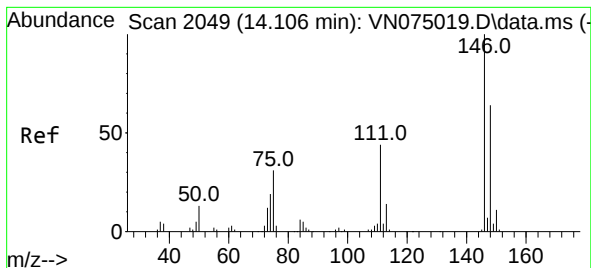


#90
Hexachloroethane
Concen: 43.662 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075209.D
Acq: 08 Nov 2022 17:00



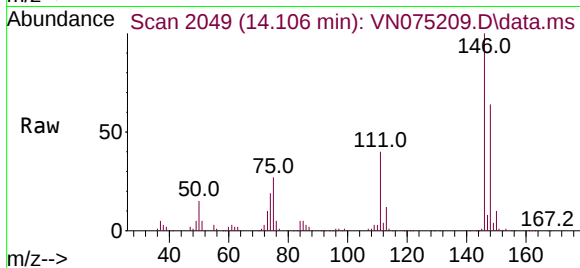
Tgt Ion:117 Resp: 66130
Ion Ratio Lower Upper
117 100
201 70.4 31.5 94.5





#91
1,2-Dichlorobenzene
Concen: 48.516 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN075209.D
Acq: 08 Nov 2022 17:00

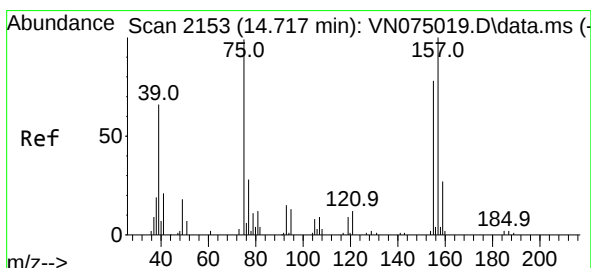
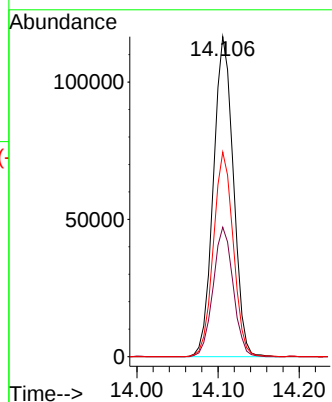
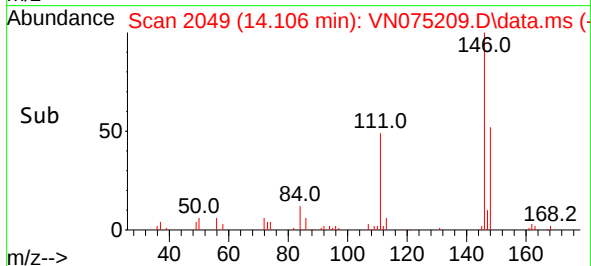
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



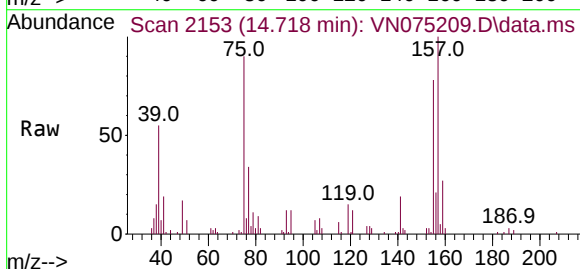
Tgt Ion:146 Resp: 199214
Ion Ratio Lower Upper
146 100
111 40.4 21.3 63.9
148 63.5 31.4 94.2

Manual Integrations
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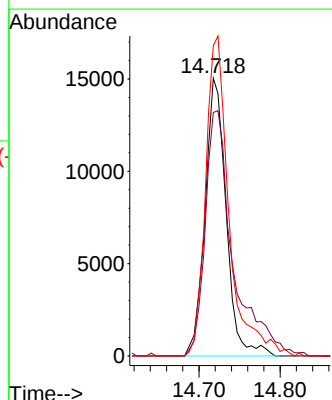
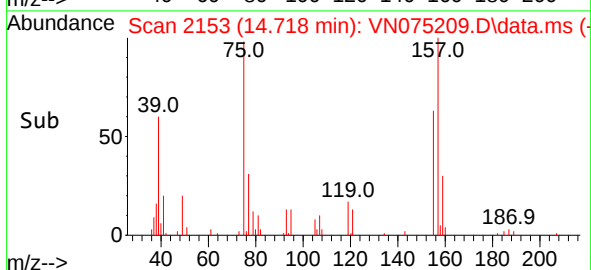
Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022

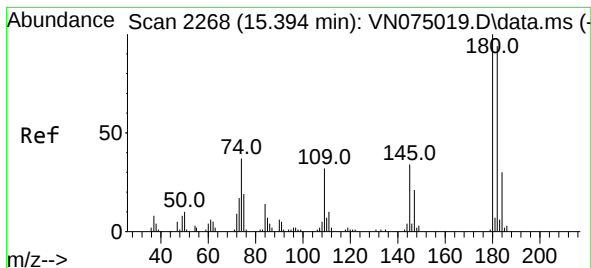


#92
1,2-Dibromo-3-Chloropropane
Concen: 42.086 ug/l
RT: 14.718 min Scan# 2153
Delta R.T. 0.001 min
Lab File: VN075209.D
Acq: 08 Nov 2022 17:00



Tgt Ion: 75 Resp: 27197
Ion Ratio Lower Upper
75 100
155 116.9 42.1 126.3
157 128.5 51.7 155.1





#93

1,2,4-Trichlorobenzene

Concen: 58.404 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. -0.000 min

Lab File: VN075209.D

Acq: 08 Nov 2022 17:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 103196

Ion Ratio Lower Upper

180 100

182 94.5 47.8 143.4

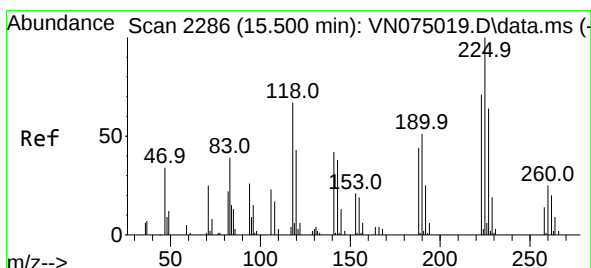
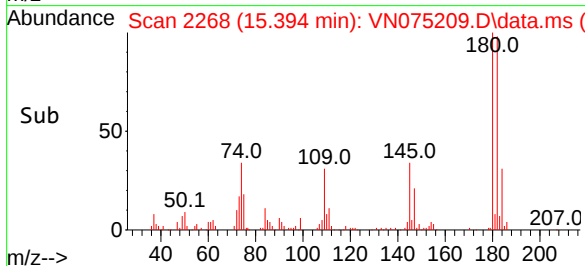
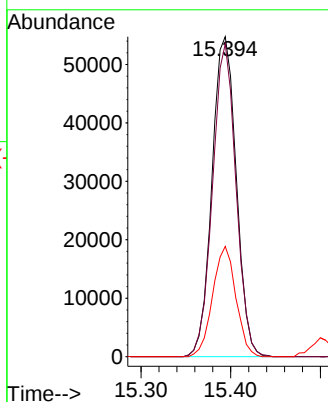
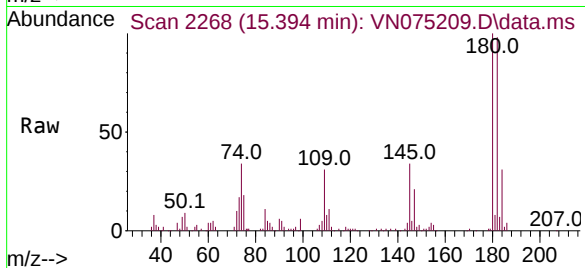
145 33.0 16.8 50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2022

Supervised By :Mahesh Dadoda 11/09/2022



#94

Hexachlorobutadiene

Concen: 53.127 ug/l

RT: 15.500 min Scan# 2286

Delta R.T. -0.000 min

Lab File: VN075209.D

Acq: 08 Nov 2022 17:00

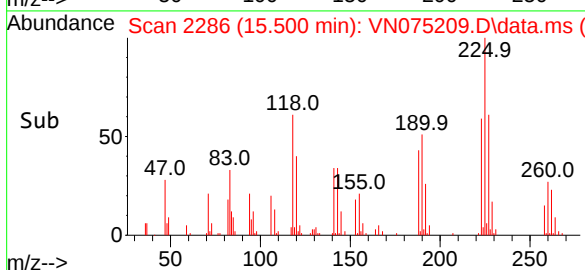
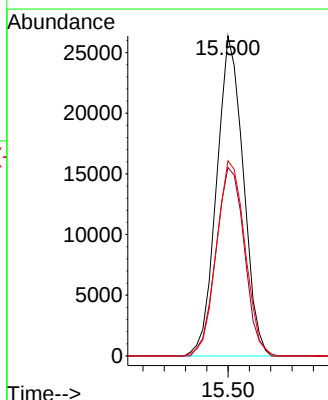
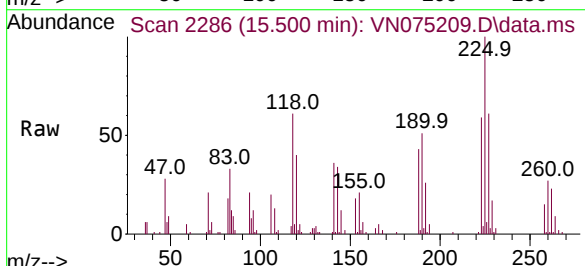
Tgt Ion:225 Resp: 45763

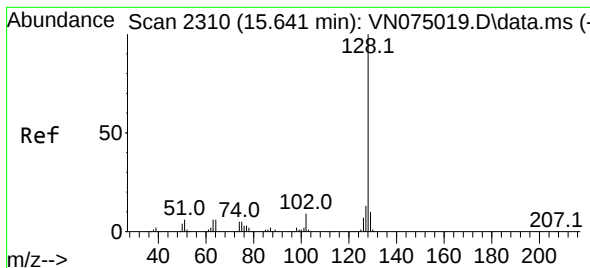
Ion Ratio Lower Upper

225 100

223 62.9 32.3 96.9

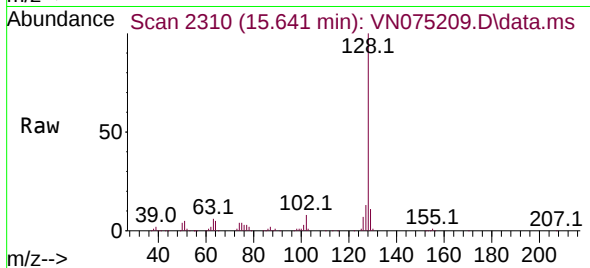
227 65.1 32.0 96.2





#95
Naphthalene
Concen: 52.245 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. 0.000 min
Lab File: VN075209.D
Acq: 08 Nov 2022 17:00

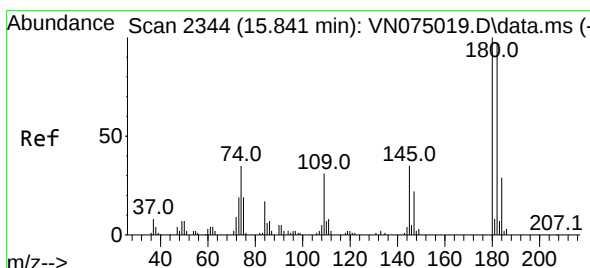
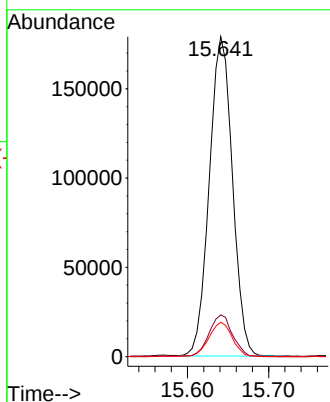
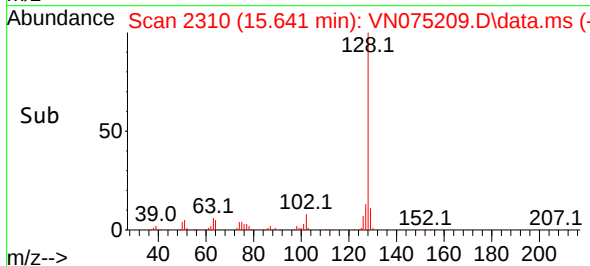
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



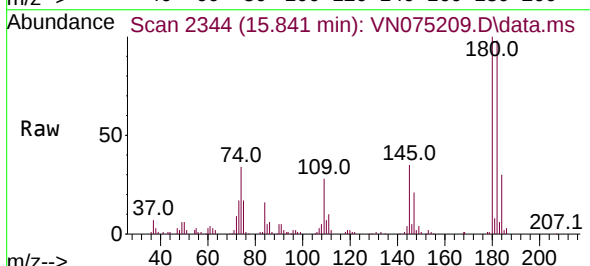
Tgt Ion:128 Resp: 355000
Ion Ratio Lower Upper
128 100
127 13.5 10.4 15.6
129 10.9 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022



#96
1,2,3-Trichlorobenzene
Concen: 55.563 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN075209.D
Acq: 08 Nov 2022 17:00



Tgt Ion:180 Resp: 97548
Ion Ratio Lower Upper
180 100
182 97.5 47.3 141.8
145 34.1 17.6 52.9

