

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120922\
 Data File : VN075672.D
 Acq On : 09 Dec 2022 17:19
 Operator : JC\MD
 Sample : VN1209WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1209WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/12/2022
 Supervised By : Mahesh Dadoda 12/12/2022

Quant Time: Dec 12 03:09:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120922W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 12 03:01:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	218356	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	348937	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	319715	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	159668	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	129041	55.698	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.400%			
35) Dibromofluoromethane	8.171	113	118284	55.561	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.120%			
50) Toluene-d8	10.571	98	453056	56.667	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 113.340%#			
62) 4-Bromofluorobenzene	12.853	95	153405	56.119	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.240%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	29474	18.353	ug/l	97
3) Chloromethane	2.377	50	36102	18.868	ug/l	99
4) Vinyl Chloride	2.524	62	46314	19.705	ug/l	95
5) Bromomethane	2.930	94	41340	20.651	ug/l	89
6) Chloroethane	3.112	64	37661	21.476	ug/l	94
7) Trichlorofluoromethane	3.501	101	68355	20.045	ug/l	96
8) Diethyl Ether	3.971	74	25596	20.531	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.377	101	38945	19.460	ug/l	99
10) Methyl Iodide	4.595	142	64915	19.849	ug/l	100
11) Tert butyl alcohol	5.536	59	35201	102.703	ug/l	100
12) 1,1-Dichloroethene	4.348	96	37194	19.883	ug/l	99
13) Acrolein	4.189	56	37678	95.449	ug/l	96
14) Allyl chloride	5.030	41	47657	20.458	ug/l	92
15) Acrylonitrile	5.730	53	89486	101.078	ug/l	99
16) Acetone	4.436	43	79739	101.630	ug/l	100
17) Carbon Disulfide	4.718	76	93401	18.870	ug/l	100
18) Methyl Acetate	5.036	43	46092	18.282	ug/l	99
19) Methyl tert-butyl Ether	5.800	73	130188	20.690	ug/l	98
20) Methylene Chloride	5.283	84	43208	18.473	ug/l	94
21) trans-1,2-Dichloroethene	5.795	96	40767	19.502	ug/l	90
22) Diisopropyl ether	6.677	45	111152	20.971	ug/l #	97
23) Vinyl Acetate	6.612	43	416434	103.038	ug/l	99
24) 1,1-Dichloroethane	6.577	63	71360	20.454	ug/l	95
25) 2-Butanone	7.489	43	115456	100.661	ug/l	95
26) 2,2-Dichloropropane	7.500	77	59490	19.993	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	49457	19.488	ug/l	96
28) Bromochloromethane	7.818	49	30084	21.566	ug/l	99
29) Tetrahydrofuran	7.847	42	69390	98.153	ug/l	98
30) Chloroform	7.971	83	79757	20.639	ug/l	95
31) Cyclohexane	8.259	56	63537	18.523	ug/l	96
32) 1,1,1-Trichloroethane	8.177	97	72668	20.382	ug/l	97
36) 1,1-Dichloropropene	8.377	75	57445	20.321	ug/l	99
37) Ethyl Acetate	7.565	43	45845	20.199	ug/l	99
38) Carbon Tetrachloride	8.365	117	64383	19.737	ug/l	98
39) Methylcyclohexane	9.606	83	73713	20.564	ug/l	97
40) Benzene	8.612	78	177356	20.443	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	22420	19.265	ug/l	98
42) 1,2-Dichloroethane	8.671	62	57572	19.838	ug/l	99
43) Isopropyl Acetate	8.694	43	77574	20.473	ug/l	98
44) Trichloroethene	9.353	130	48927	19.991	ug/l	100
45) 1,2-Dichloropropane	9.624	63	41627	20.175	ug/l	99
46) Dibromomethane	9.712	93	31458	20.307	ug/l	99
47) Bromodichloromethane	9.888	83	62644	20.625	ug/l	94
48) Methyl methacrylate	9.682	41	35320	20.239	ug/l	99
49) 1,4-Dioxane	9.694	88	18224	429.597	ug/l	95
51) 4-Methyl-2-Pentanone	10.447	43	237081	101.472	ug/l	98
52) Toluene	10.630	92	118685	20.698	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	61409	20.471	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	69813	20.918	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	47767	21.186	ug/l	95
56) Ethyl methacrylate	10.877	69	62763	20.544	ug/l	99
57) 1,3-Dichloropropane	11.165	76	74058	20.322	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	95621	106.009	ug/l	98
59) 2-Hexanone	11.200	43	174577	102.846	ug/l	99
60) Dibromochloromethane	11.359	129	51325	20.688	ug/l	100
61) 1,2-Dibromoethane	11.471	107	46660	19.753	ug/l	98
64) Tetrachloroethene	11.106	164	43957	18.875	ug/l	97
65) Chlorobenzene	11.894	112	129046	19.617	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	48668	20.335	ug/l	97
67) Ethyl Benzene	11.965	91	224267	20.153	ug/l	97
68) m/p-Xylenes	12.071	106	183326	40.771	ug/l	98
69) o-Xylene	12.400	106	91003	20.856	ug/l	98
70) Styrene	12.412	104	144645	20.669	ug/l	100
71) Bromoform	12.582	173	37454	20.646	ug/l #	99
73) Isopropylbenzene	12.700	105	232103	20.245	ug/l	99
74) N-amyl acetate	12.494	43	66197	19.873	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	67489	19.597	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	56071m	17.487	ug/l	
77) Bromobenzene	12.982	156	56966	19.759	ug/l	99
78) n-propylbenzene	13.041	91	258383	20.311	ug/l	99
79) 2-Chlorotoluene	13.129	91	156189	19.887	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	198518	20.712	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	16410	18.464	ug/l #	81
82) 4-Chlorotoluene	13.129	91	156189	19.887	ug/l	98
83) tert-Butylbenzene	13.441	119	175576	20.200	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	201719	20.940	ug/l	99
85) sec-Butylbenzene	13.618	105	243119	20.346	ug/l	99
86) p-Isopropyltoluene	13.729	119	206199	20.623	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	105682	19.600	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	106474	19.414	ug/l	99
89) n-Butylbenzene	14.059	91	160049	19.972	ug/l	100
90) Hexachloroethane	14.335	117	35127	20.511	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	105548	19.673	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10926	19.307	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	53523	20.779	ug/l	100
94) Hexachlorobutadiene	15.500	225	29196	19.977	ug/l	98
95) Naphthalene	15.647	128	147843	19.420	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	50154	19.815	ug/l	96

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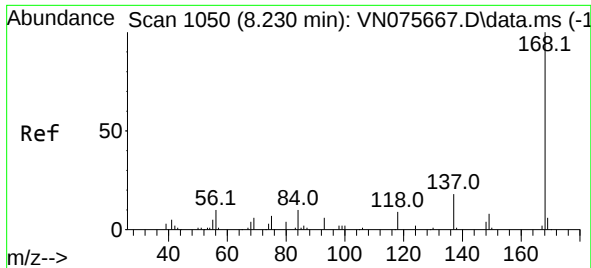
Manual Integrations
APPROVED

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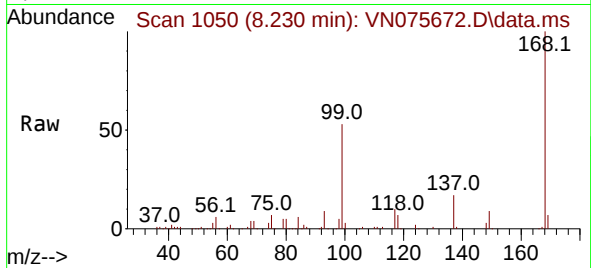
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
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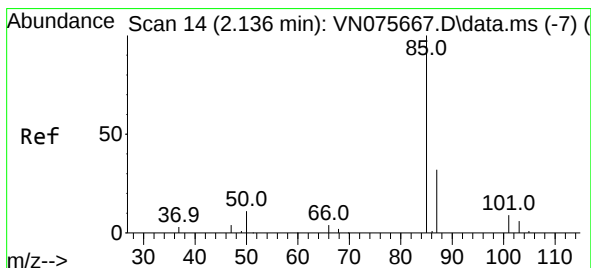
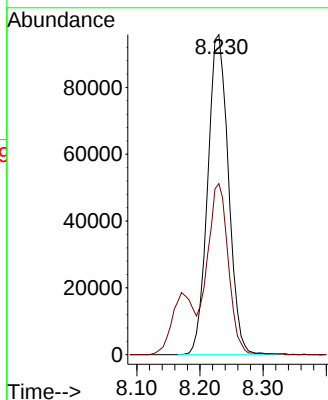
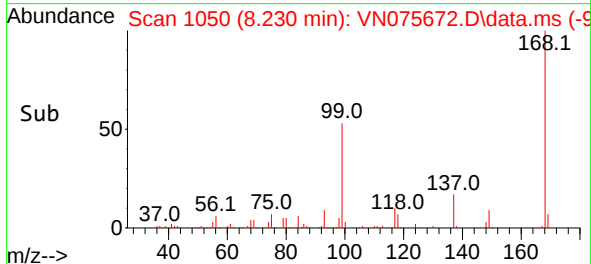
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01



Tgt Ion:168 Resp: 218350
Ion Ratio Lower Upper
168 100
99 53.3 41.2 61.8

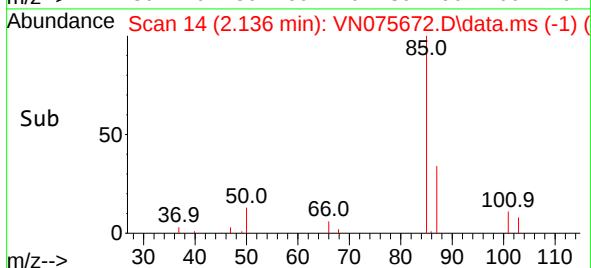
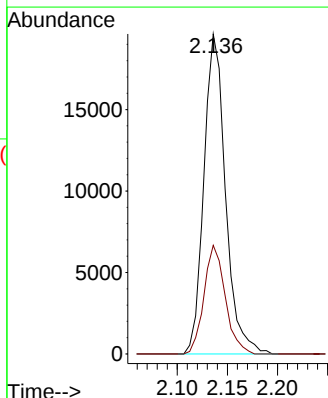
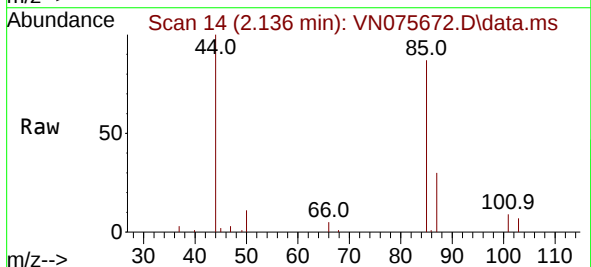
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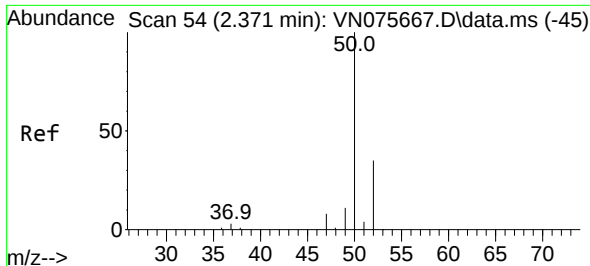
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#2
Dichlorodifluoromethane
Concen: 18.353 ug/l
RT: 2.136 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN075672.D
Acq: 09 Dec 2022 17:19

Tgt Ion: 85 Resp: 29474
Ion Ratio Lower Upper
85 100
87 33.9 16.1 48.2





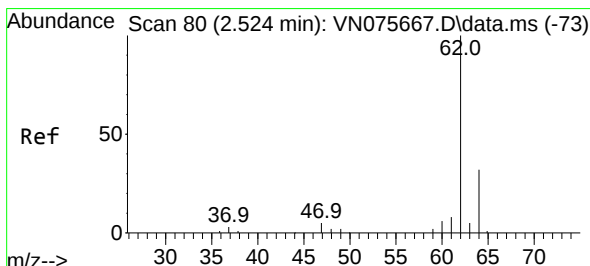
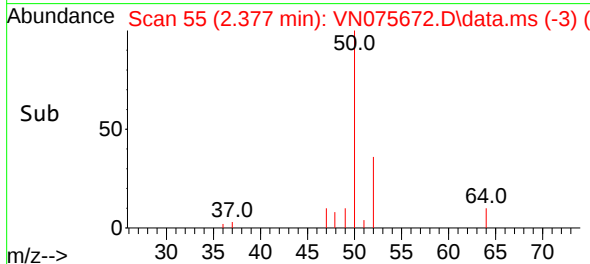
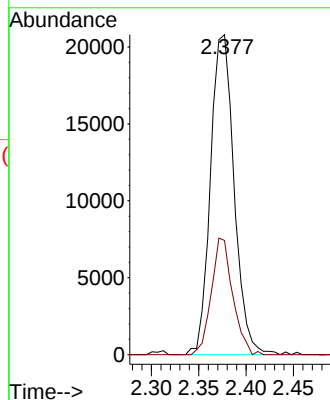
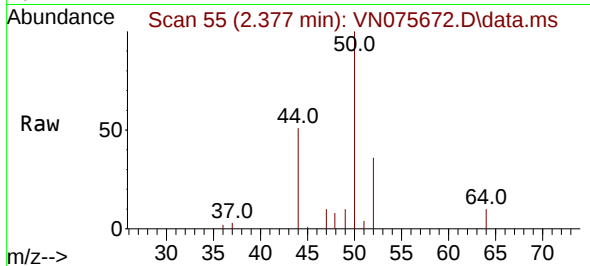
#3
Chloromethane
Concen: 18.868 ug/l
RT: 2.377 min Scan# 50
Delta R.T. 0.006 min
Lab File: VN075672.D
Acq: 09 Dec 2022 17:19

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Tgt Ion: 50 Resp: 3610
Ion Ratio Lower Upper
50 100
52 35.7 27.9 41.9

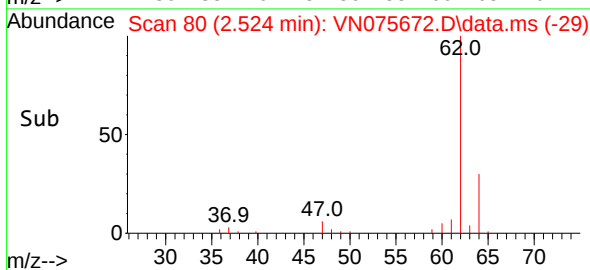
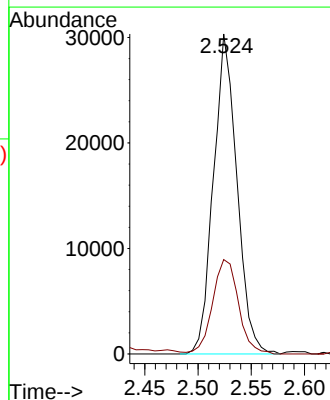
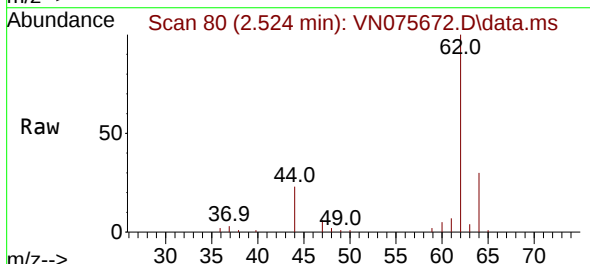
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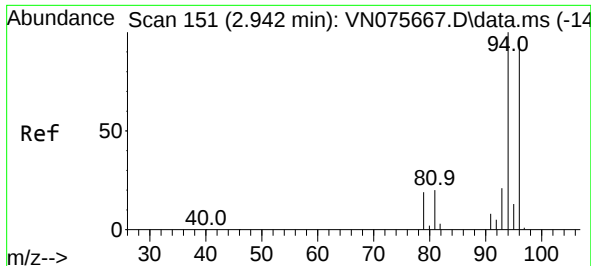
Reviewed By :John Carlone 12/12/2022
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#4
Vinyl Chloride
Concen: 19.705 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075672.D
Acq: 09 Dec 2022 17:19

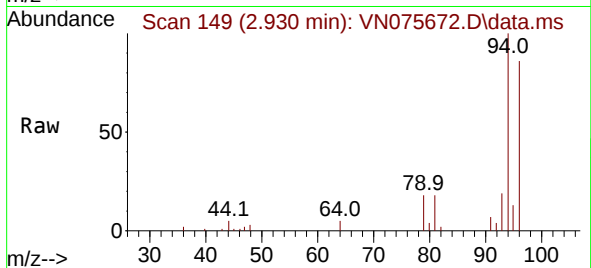
Tgt Ion: 62 Resp: 46314
Ion Ratio Lower Upper
62 100
64 29.5 25.9 38.9





#5
Bromomethane
Concen: 20.651 ug/l
RT: 2.930 min Scan# 14
Delta R.T. -0.012 min
Lab File: VN075672.D
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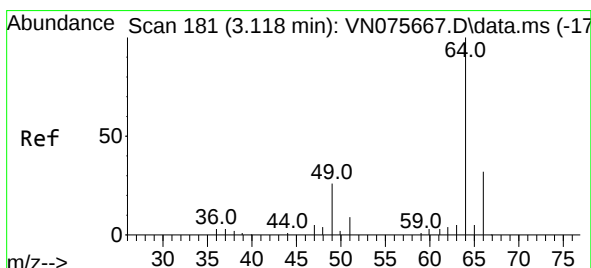
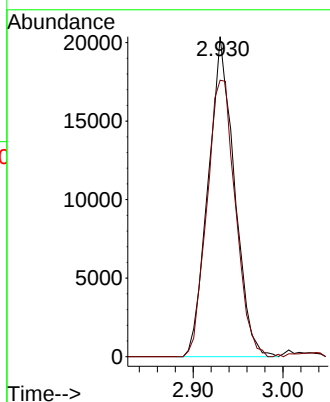
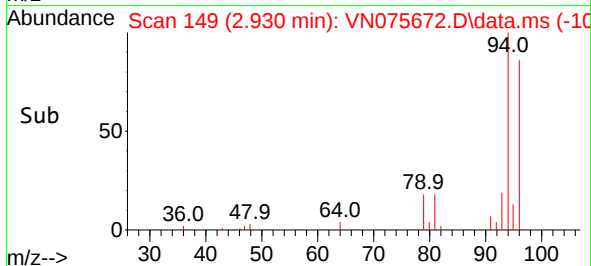
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Tgt Ion: 94 Resp: 41340
Ion Ratio Lower Upper
94 100
96 86.4 77.6 116.4

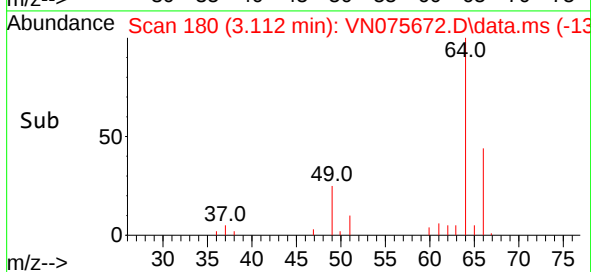
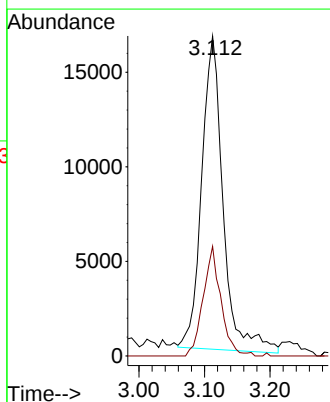
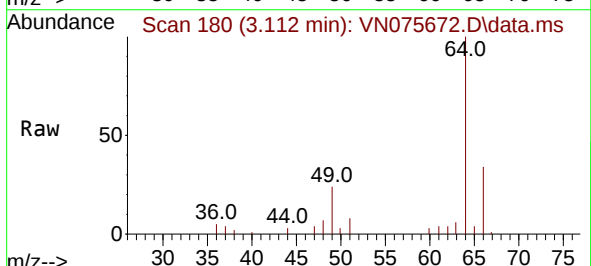
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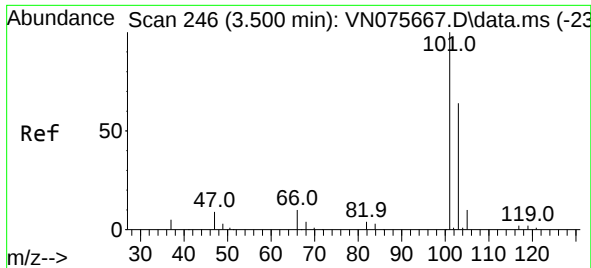
Reviewed By :John Carlone 12/12/2022
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#6
Chloroethane
Concen: 21.476 ug/l
RT: 3.112 min Scan# 180
Delta R.T. -0.006 min
Lab File: VN075672.D
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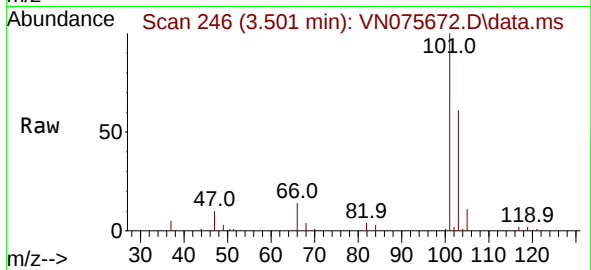
Tgt Ion: 64 Resp: 37661
Ion Ratio Lower Upper
64 100
66 35.2 25.7 38.5





#7
 Trichlorofluoromethane
 Concen: 20.045 ug/l
 RT: 3.501 min Scan# 246
 Delta R.T. 0.000 min
 Lab File: VN075672.D
 Acq: 09 Dec 2022 17:19

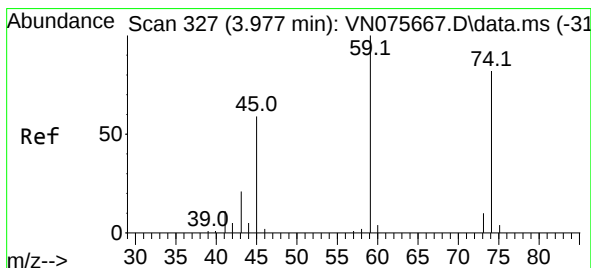
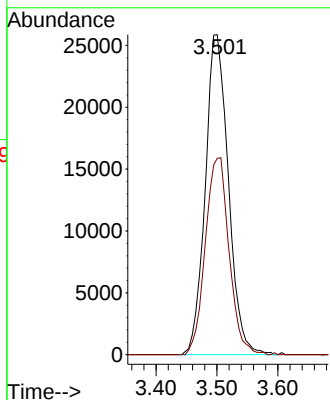
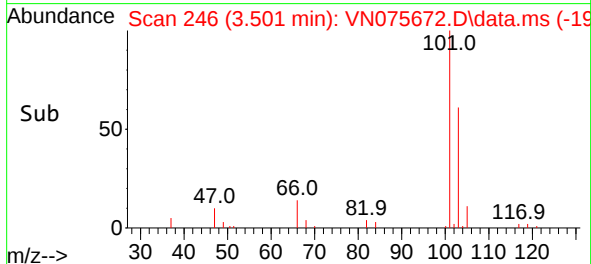
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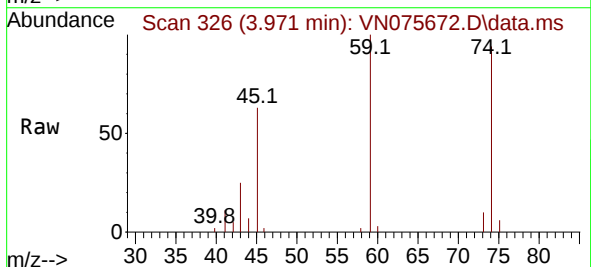
Tgt Ion:101 Resp: 6835
 Ion Ratio Lower Upper
 101 100
 103 61.4 51.4 77.2

Manual Integrations
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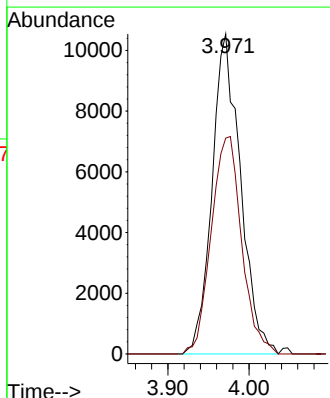
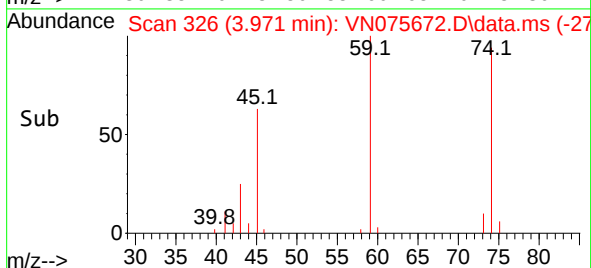
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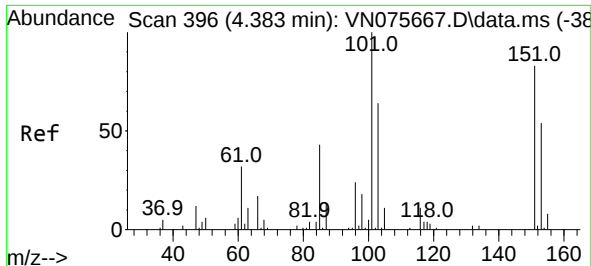


#8
 Diethyl Ether
 Concen: 20.531 ug/l
 RT: 3.971 min Scan# 326
 Delta R.T. -0.006 min
 Lab File: VN075672.D
 Acq: 09 Dec 2022 17:19



Tgt Ion: 74 Resp: 25596
 Ion Ratio Lower Upper
 74 100
 45 72.8 36.8 110.4





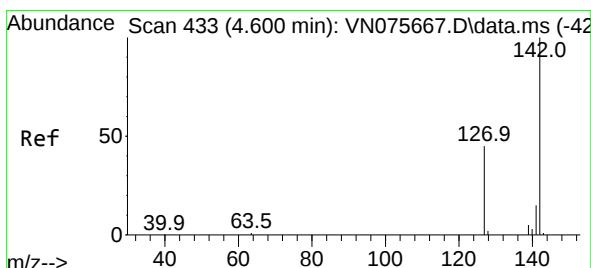
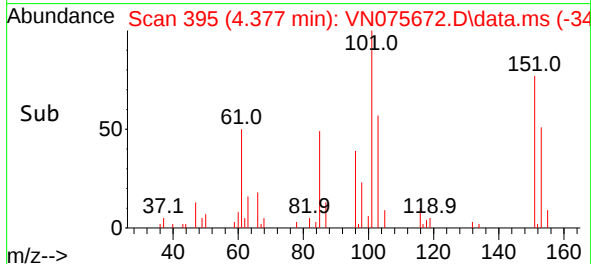
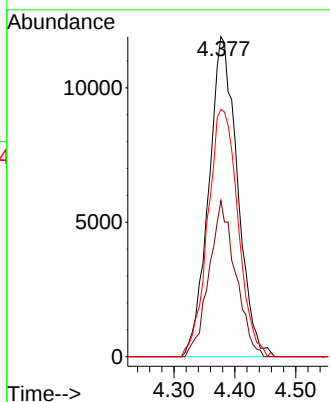
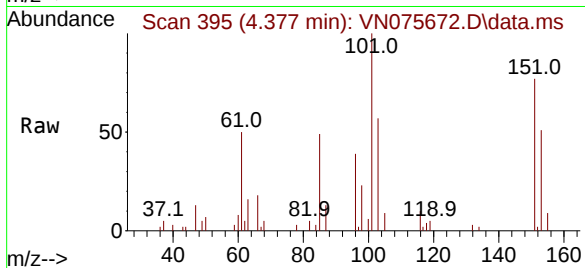
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.460 ug/l
RT: 4.377 min Scan# 395
Delta R.T. -0.006 min
Lab File: VN075672.D
Acq: 09 Dec 2022 17:19

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01

Tgt Ion:101 Resp: 3894
Ion Ratio Lower Upper
101 100
85 45.2 35.3 52.9
151 81.4 65.6 98.4

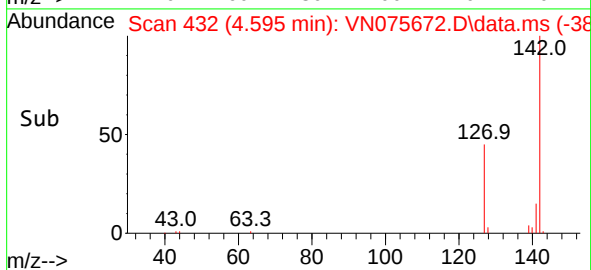
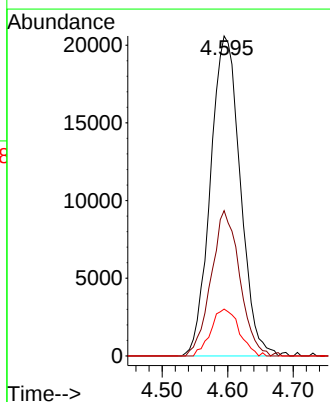
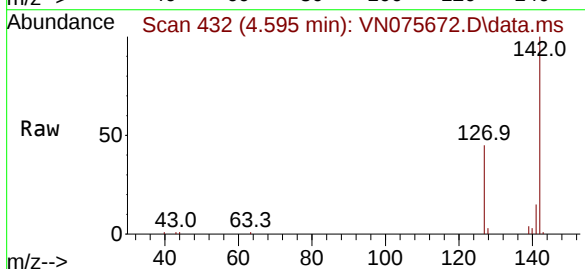
Manual Integrations
APPROVED

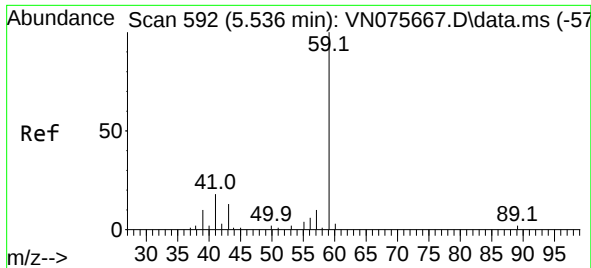
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#10
Methyl Iodide
Concen: 19.849 ug/l
RT: 4.595 min Scan# 432
Delta R.T. -0.006 min
Lab File: VN075672.D
Acq: 09 Dec 2022 17:19

Tgt Ion:142 Resp: 64915
Ion Ratio Lower Upper
142 100
127 43.5 35.0 52.4
141 13.9 11.4 17.2





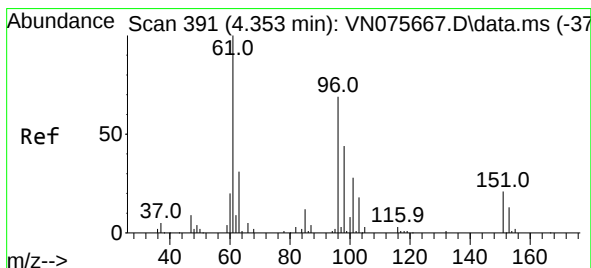
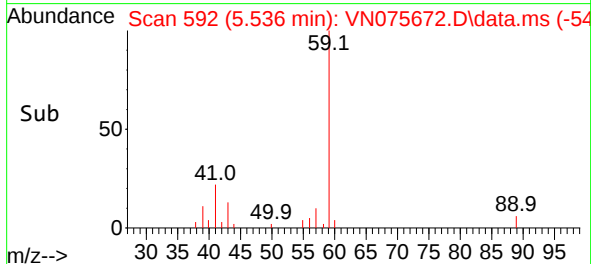
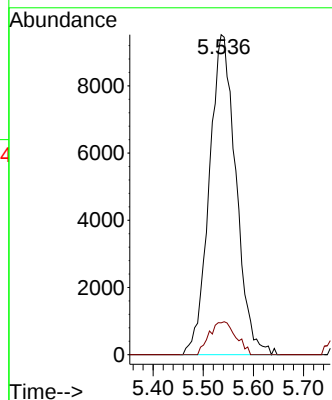
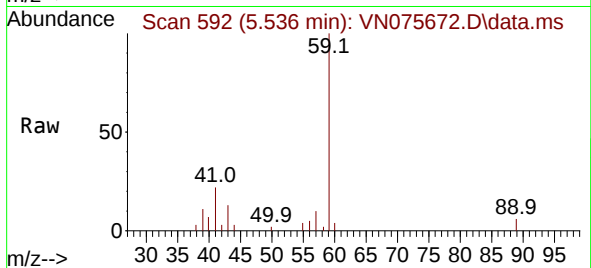
#11
Tert butyl alcohol
Concen: 102.703 ug/l
RT: 5.536 min Scan# 591
Delta R.T. 0.000 min
Lab File: VN075672.D
Acq: 09 Dec 2022 17:19

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01

Tgt Ion: 59 Resp: 3520
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.4

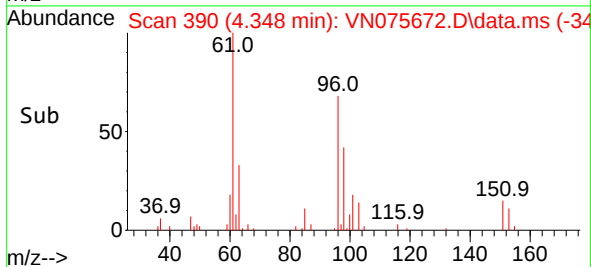
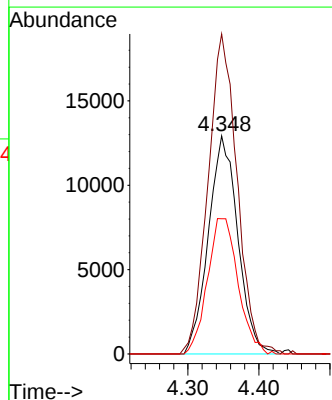
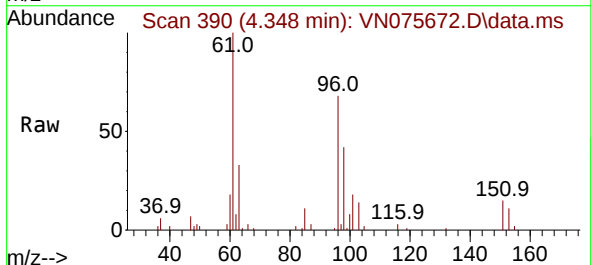
Manual Integrations
APPROVED

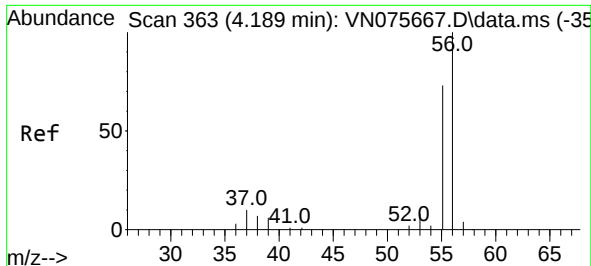
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#12
1,1-Dichloroethene
Concen: 19.883 ug/l
RT: 4.348 min Scan# 390
Delta R.T. -0.006 min
Lab File: VN075672.D
Acq: 09 Dec 2022 17:19

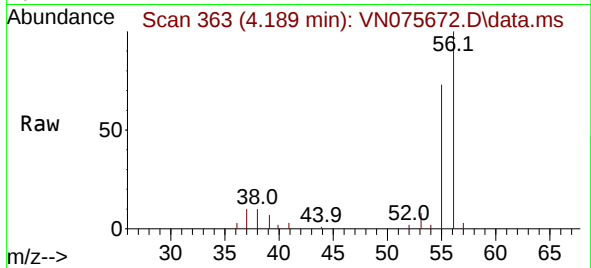
Tgt Ion: 96 Resp: 37194
Ion Ratio Lower Upper
96 100
61 146.7 116.8 175.2
98 62.0 51.6 77.4





#13
Acrolein
Concen: 95.449 ug/l
RT: 4.189 min Scan# 363
Delta R.T. 0.000 min
Lab File: VN075672.D
Acq: 09 Dec 2022 17:19

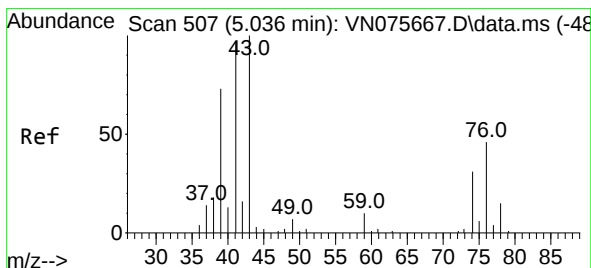
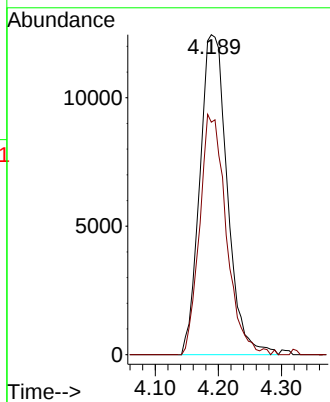
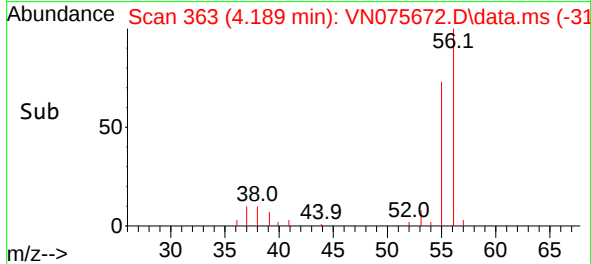
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01



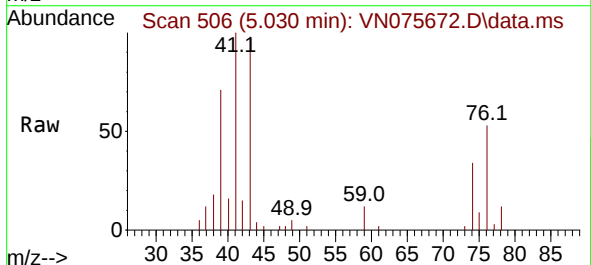
Tgt Ion: 56 Resp: 37678
Ion Ratio Lower Upper
56 100
55 72.7 55.7 83.5

Manual Integrations
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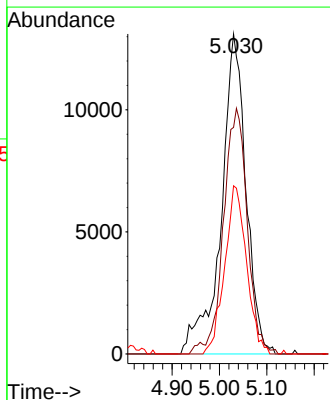
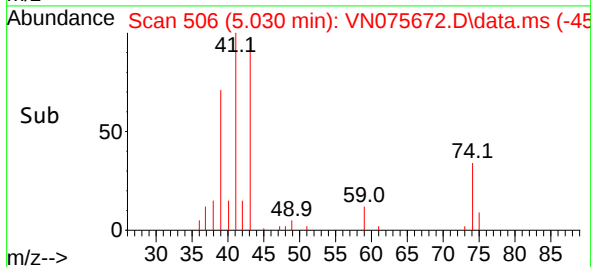
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

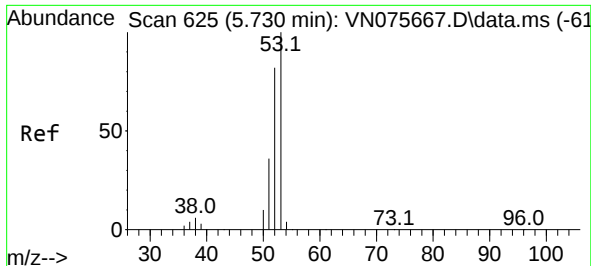


#14
Allyl chloride
Concen: 20.458 ug/l
RT: 5.030 min Scan# 506
Delta R.T. -0.006 min
Lab File: VN075672.D
Acq: 09 Dec 2022 17:19



Tgt Ion: 41 Resp: 47657
Ion Ratio Lower Upper
41 100
39 73.6 64.6 96.8
76 46.4 40.9 61.3





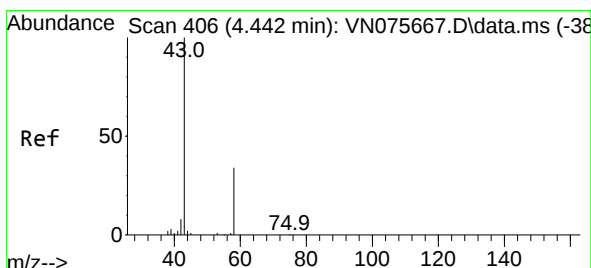
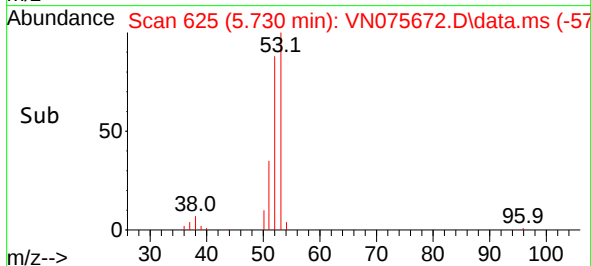
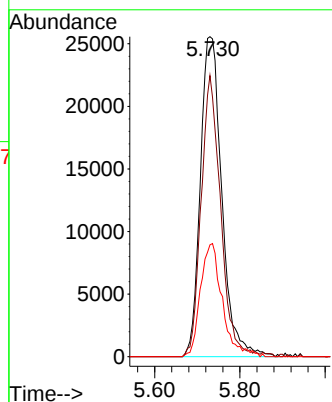
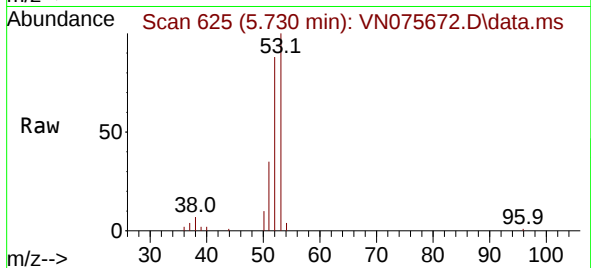
#15
Acrylonitrile
Concen: 101.078 ug/l
RT: 5.730 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075672.D
Acq: 09 Dec 2022 17:19

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01

Tgt Ion: 53 Resp: 89486
Ion Ratio Lower Upper
53 100
52 79.7 65.0 97.4
51 35.9 28.9 43.3

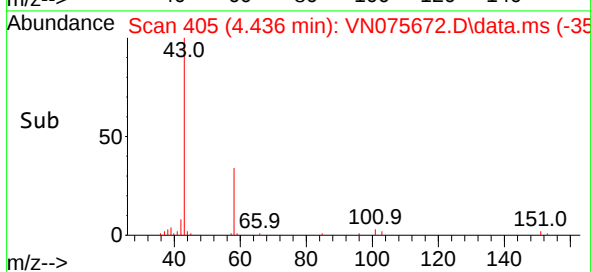
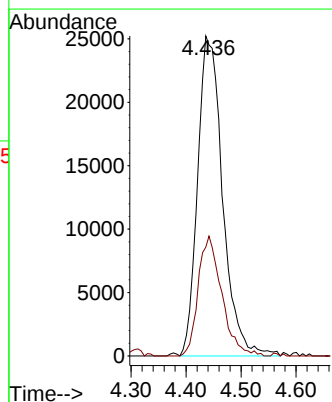
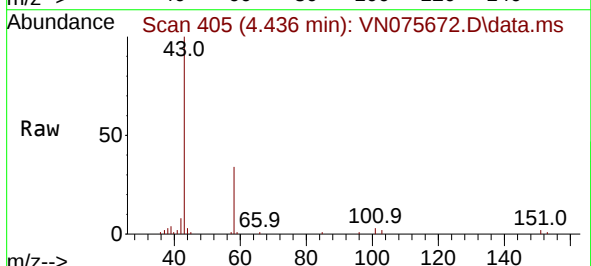
Manual Integrations
APPROVED

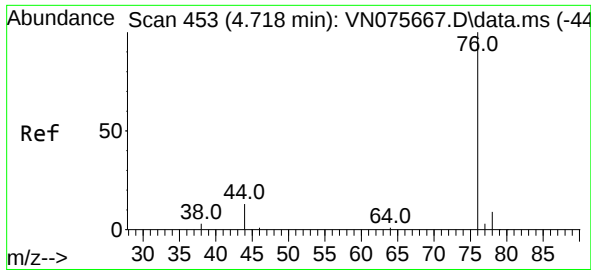
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#16
Acetone
Concen: 101.630 ug/l
RT: 4.436 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN075672.D
Acq: 09 Dec 2022 17:19

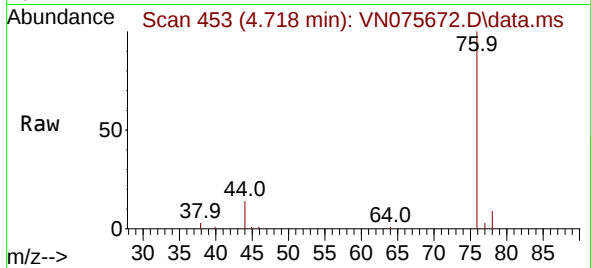
Tgt Ion: 43 Resp: 79739
Ion Ratio Lower Upper
43 100
58 34.0 27.0 40.4





#17
Carbon Disulfide
Concen: 18.870 ug/l
RT: 4.718 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN075672.D
Acq: 09 Dec 2022 17:19

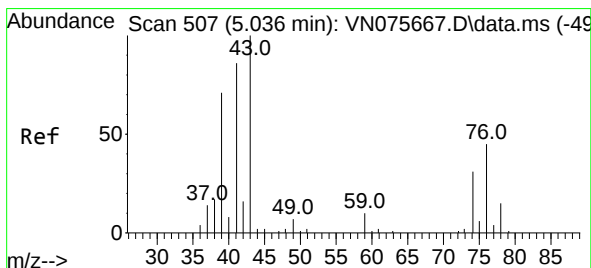
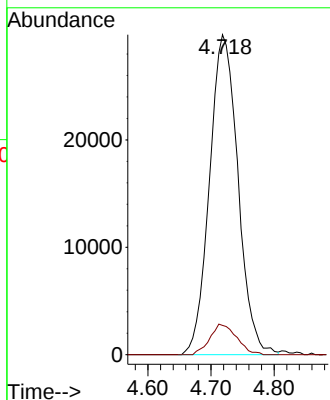
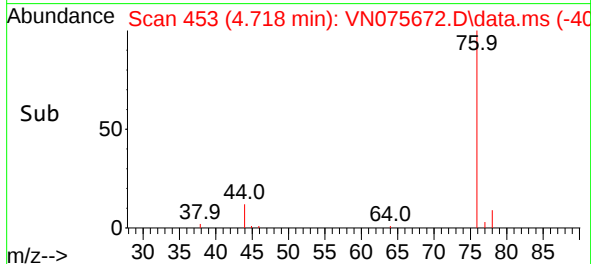
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01



Tgt Ion: 76 Resp: 9340
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2

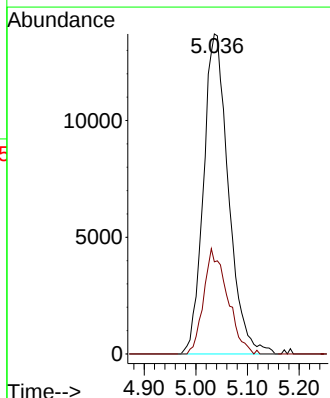
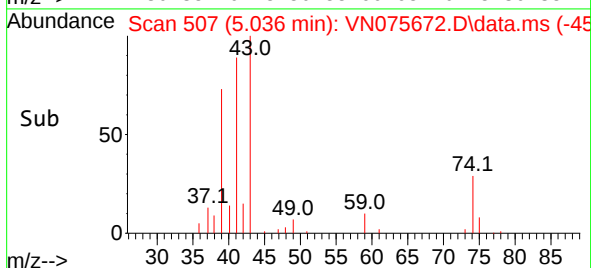
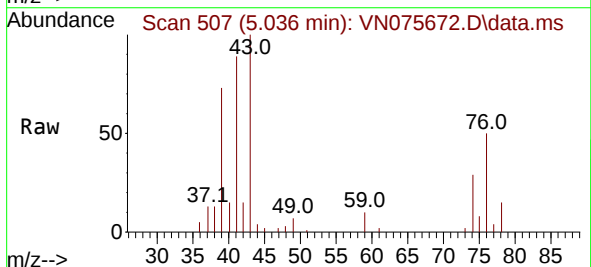
Manual Integrations
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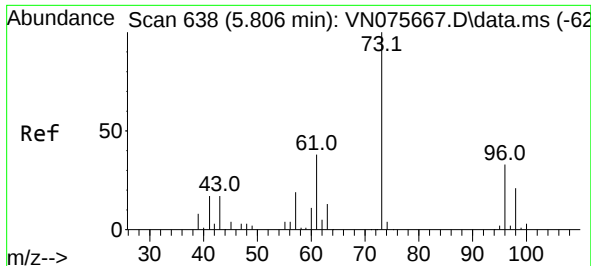
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#18
Methyl Acetate
Concen: 18.282 ug/l
RT: 5.036 min Scan# 507
Delta R.T. 0.000 min
Lab File: VN075672.D
Acq: 09 Dec 2022 17:19

Tgt Ion: 43 Resp: 46092
Ion Ratio Lower Upper
43 100
74 31.3 24.5 36.7





#19

Methyl tert-butyl Ether

Concen: 20.690 ug/l

RT: 5.800 min Scan# 61

Delta R.T. -0.006 min

Lab File: VN075672.D

Acq: 09 Dec 2022 17:19

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBS01

Tgt Ion: 73 Resp: 13018

Ion Ratio Lower Upper

73 100

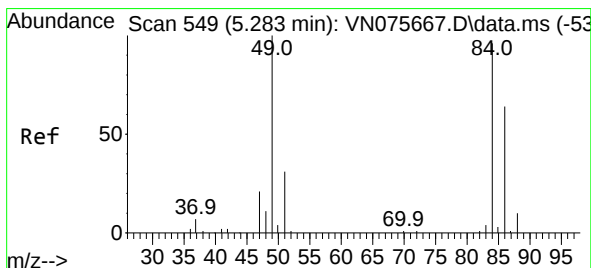
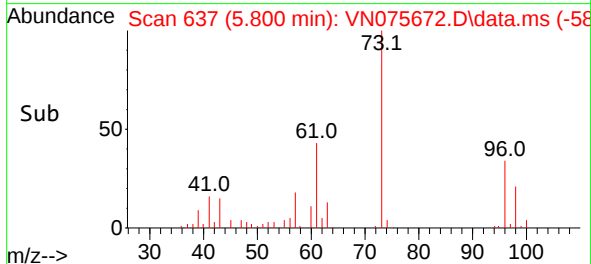
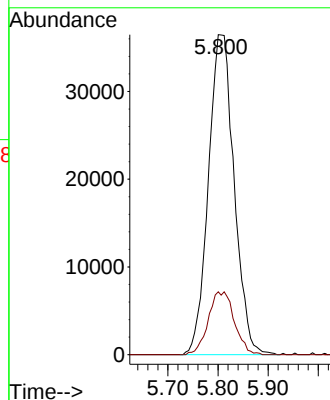
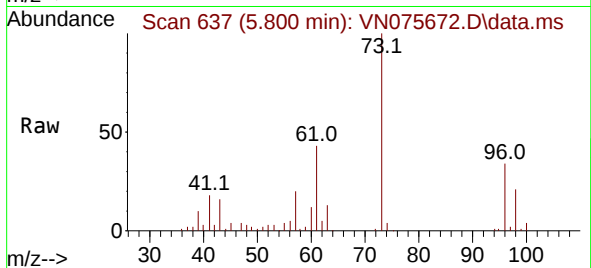
57 19.7 15.1 22.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2022

Supervised By :Mahesh Dadoda 12/12/2022



#20

Methylene Chloride

Concen: 18.473 ug/l

RT: 5.283 min Scan# 549

Delta R.T. 0.000 min

Lab File: VN075672.D

Acq: 09 Dec 2022 17:19

Tgt Ion: 84 Resp: 43208

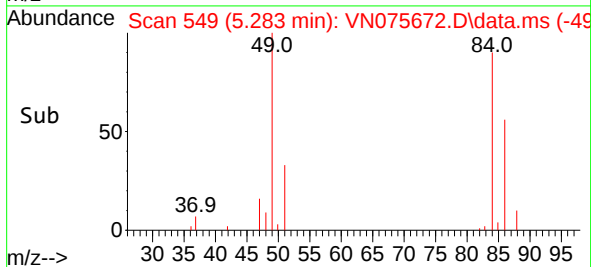
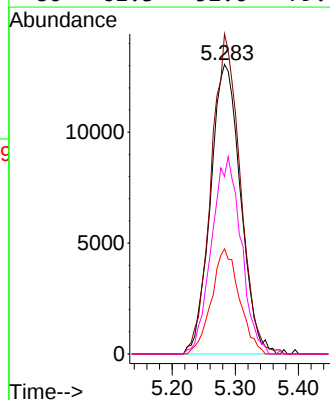
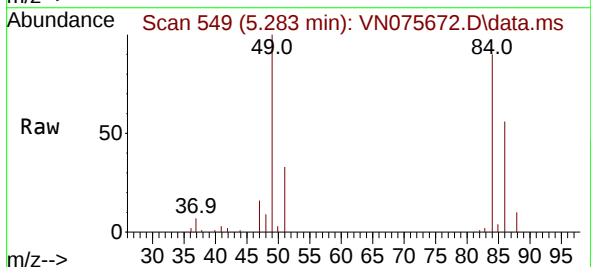
Ion Ratio Lower Upper

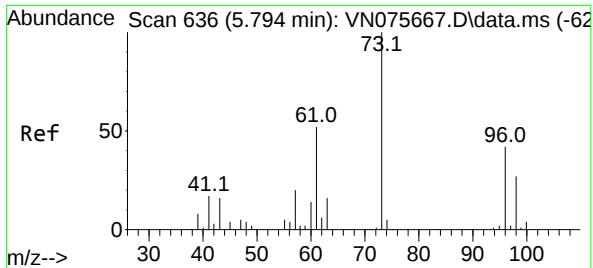
84 100

49 110.5 83.0 124.4

51 36.3 26.0 39.0

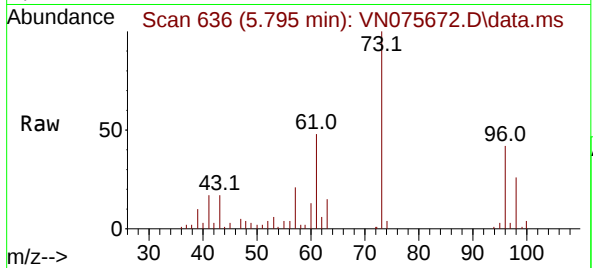
86 61.3 52.6 79.0





#21
trans-1,2-Dichloroethene
Concen: 19.502 ug/l
RT: 5.795 min Scan# 610
Delta R.T. 0.000 min
Lab File: VN075672.D
Acq: 09 Dec 2022 17:19

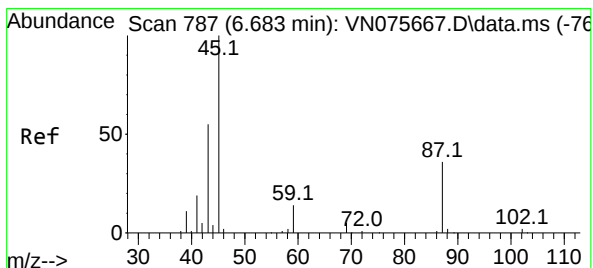
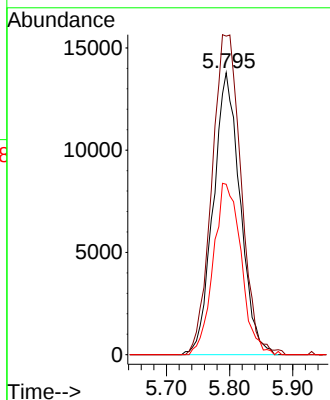
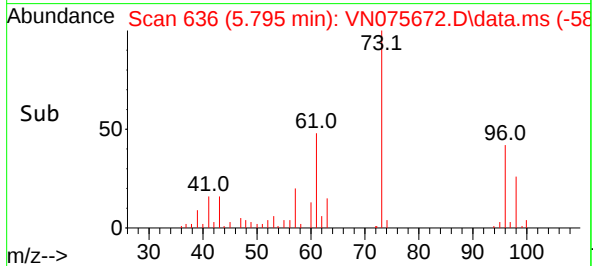
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01



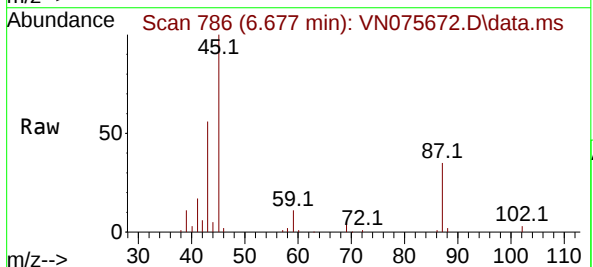
Tgt Ion: 96 Resp: 4076
Ion Ratio Lower Upper
96 100
61 113.0 100.5 150.7
98 60.4 52.7 79.1

Manual Integrations
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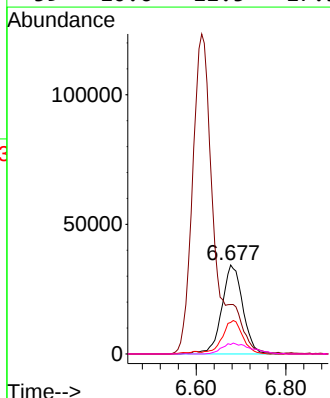
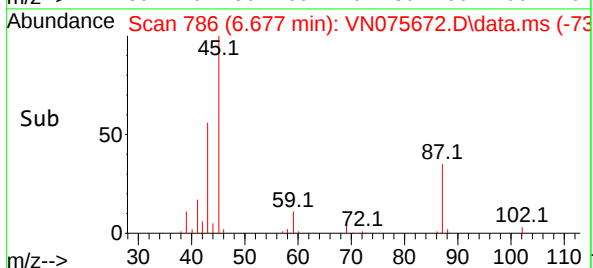
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

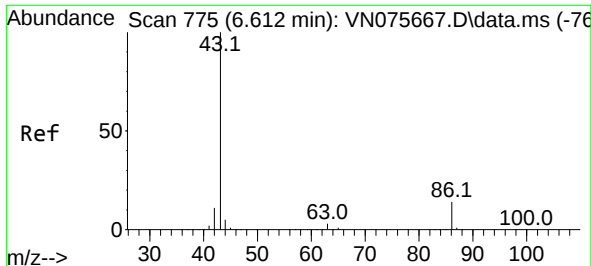


#22
Diisopropyl ether
Concen: 20.971 ug/l
RT: 6.677 min Scan# 786
Delta R.T. -0.006 min
Lab File: VN075672.D
Acq: 09 Dec 2022 17:19



Tgt Ion: 45 Resp: 111152
Ion Ratio Lower Upper
45 100
43 53.8 44.9 67.3
87 35.4 28.8 43.2
59 10.6 11.5 17.3#





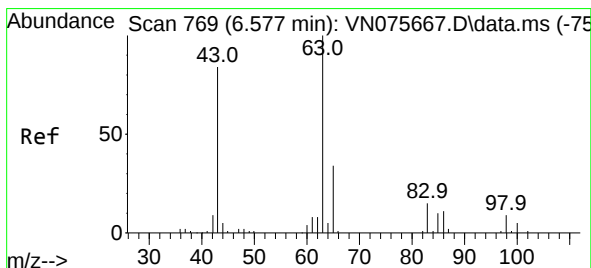
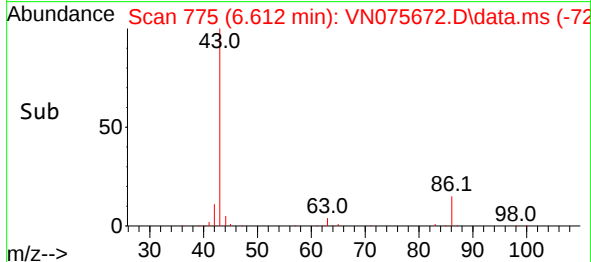
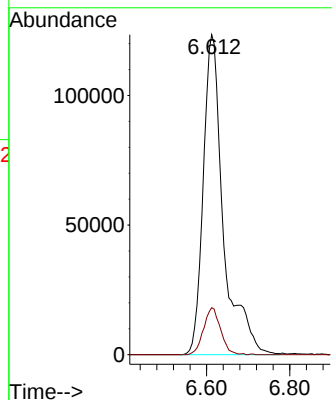
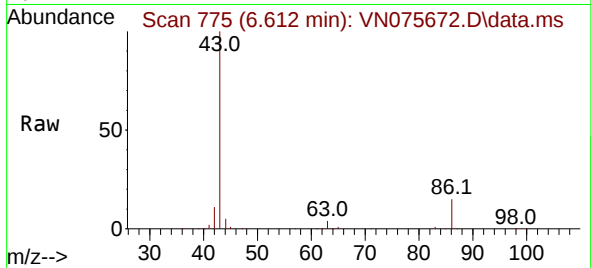
#23
 Vinyl Acetate
 Concen: 103.038 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN075672.D
 Acq: 09 Dec 2022 17:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1209WBS01

Tgt Ion: 43 Resp: 416434
 Ion Ratio Lower Upper
 43 100
 86 14.7 11.5 17.3

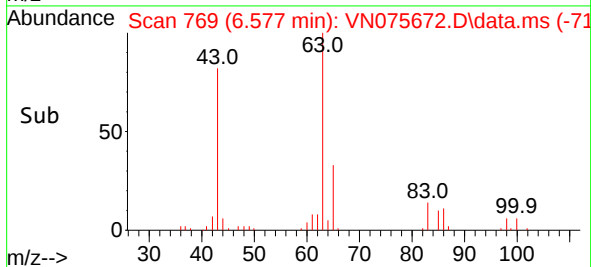
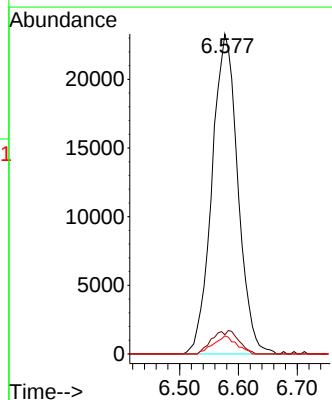
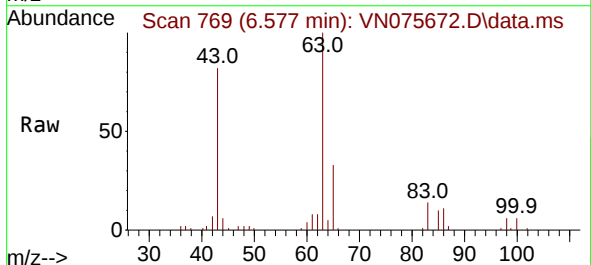
Manual Integrations
 APPROVED

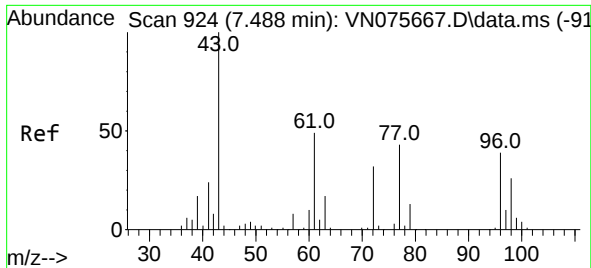
Reviewed By :John Carlone 12/12/2022
 Supervised By :Mahesh Dadoda 12/12/2022



#24
 1,1-Dichloroethane
 Concen: 20.454 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VN075672.D
 Acq: 09 Dec 2022 17:19

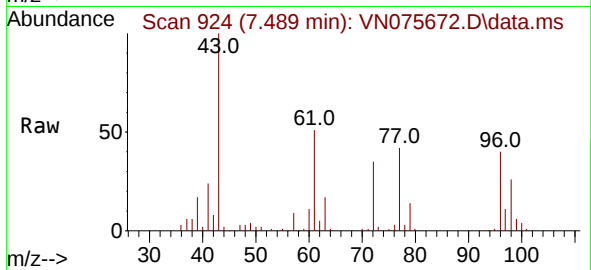
Tgt Ion: 63 Resp: 71360
 Ion Ratio Lower Upper
 63 100
 98 6.0 4.3 12.9
 100 5.7 2.6 7.8





#25
2-Butanone
Concen: 100.661 ug/l
RT: 7.489 min Scan# 912
Delta R.T. 0.000 min
Lab File: VN075672.D
Acq: 09 Dec 2022 17:19

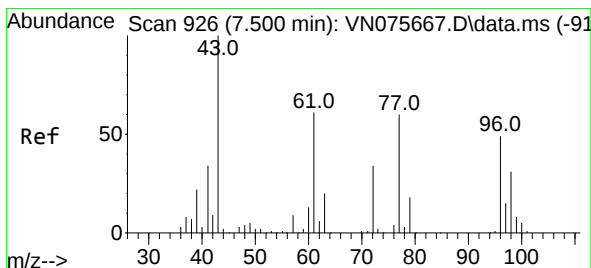
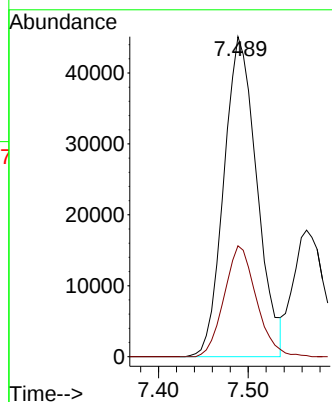
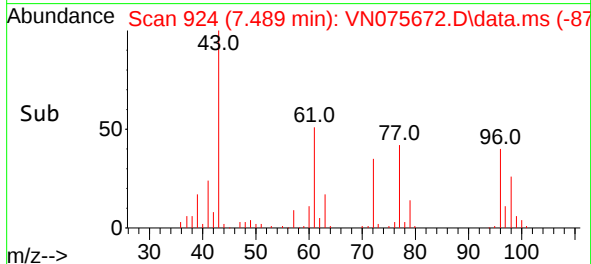
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01



Tgt Ion: 43 Resp: 115456
Ion Ratio Lower Upper
43 100
72 34.6 25.3 37.9

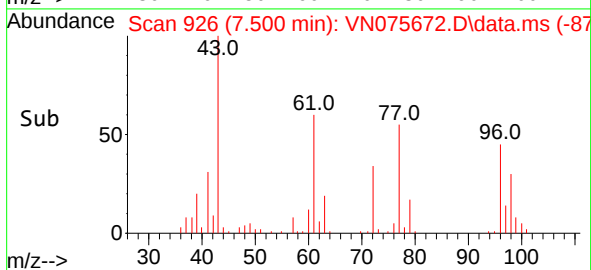
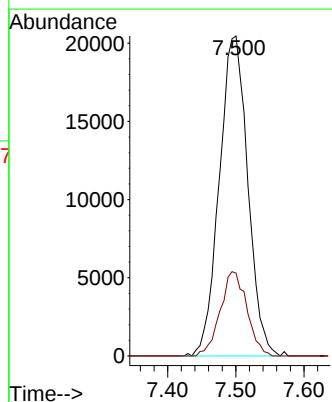
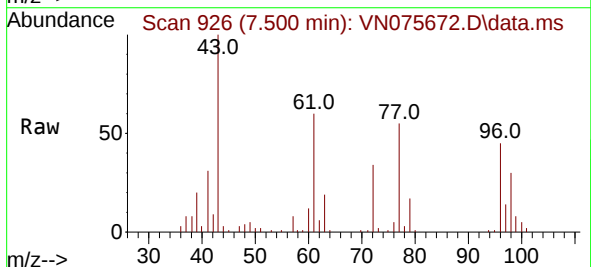
Manual Integrations
APPROVED

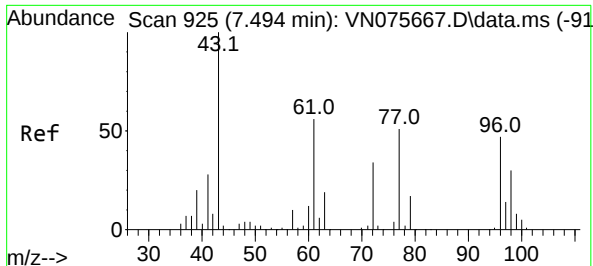
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#26
2,2-Dichloropropane
Concen: 19.993 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.000 min
Lab File: VN075672.D
Acq: 09 Dec 2022 17:19

Tgt Ion: 77 Resp: 59490
Ion Ratio Lower Upper
77 100
97 24.7 12.2 36.4





#27

cis-1,2-Dichloroethene

Concen: 19.488 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN075672.D

Acq: 09 Dec 2022 17:19

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBS01

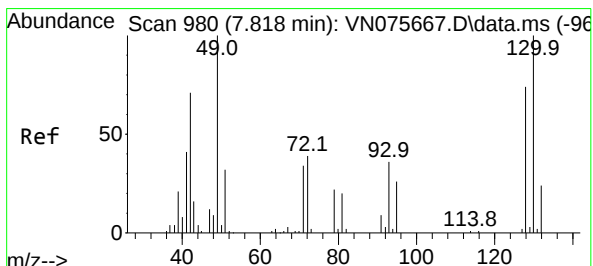
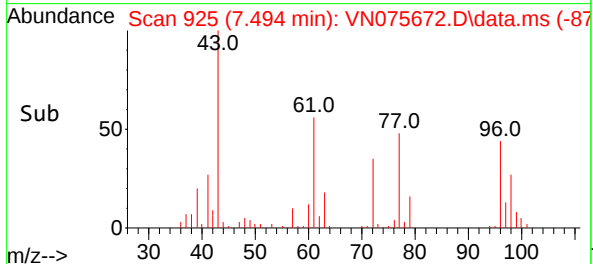
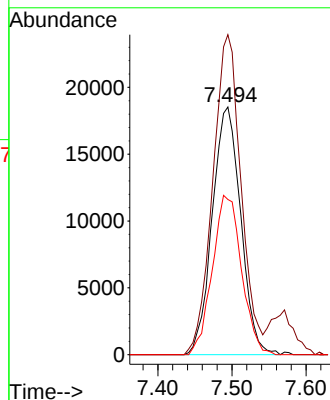
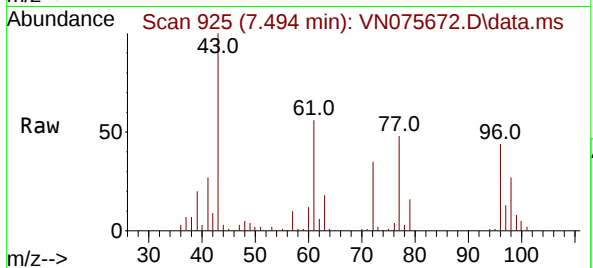
Tgt Ion: 96	Resp: 4945
Ion Ratio	Lower Upper
96	100
61	127.9 0.0 247.8
98	65.9 0.0 126.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2022

Supervised By :Mahesh Dadoda 12/12/2022



#28

Bromochloromethane

Concen: 21.566 ug/l

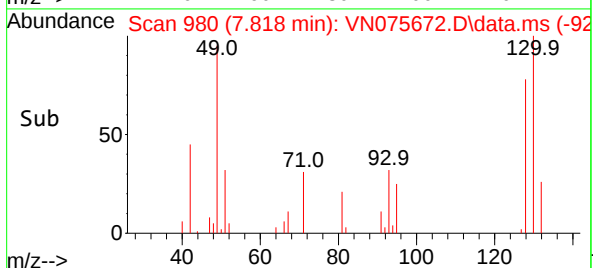
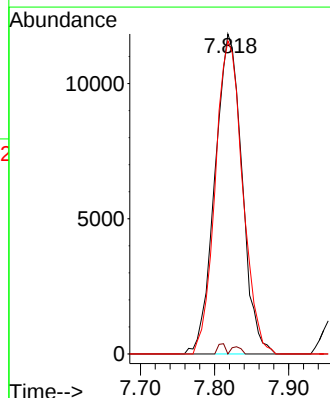
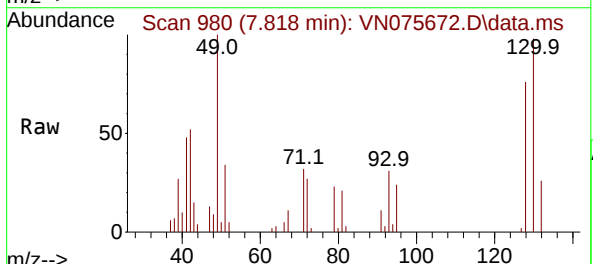
RT: 7.818 min Scan# 980

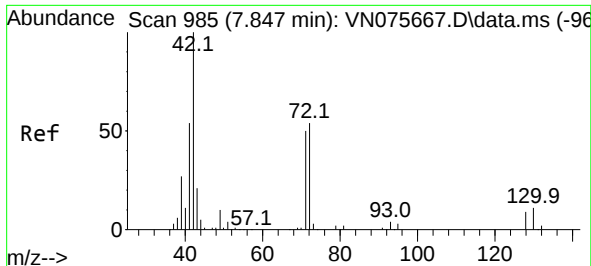
Delta R.T. 0.000 min

Lab File: VN075672.D

Acq: 09 Dec 2022 17:19

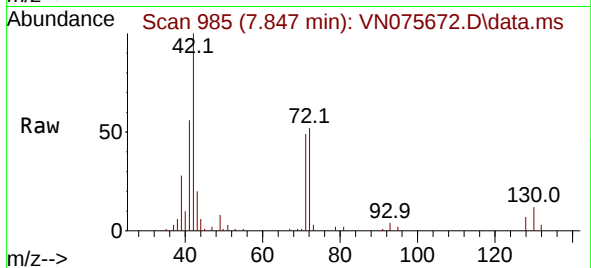
Tgt Ion: 49	Resp: 30084
Ion Ratio	Lower Upper
49	100
129	0.9 0.0 5.4
130	98.6 78.5 117.7





#29
Tetrahydrofuran
Concen: 98.153 ug/l
RT: 7.847 min Scan# 985
Delta R.T. 0.000 min
Lab File: VN075672.D
Acq: 09 Dec 2022 17:19

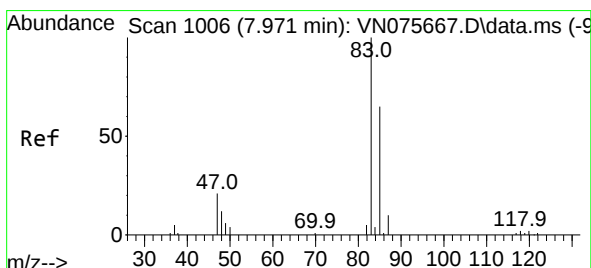
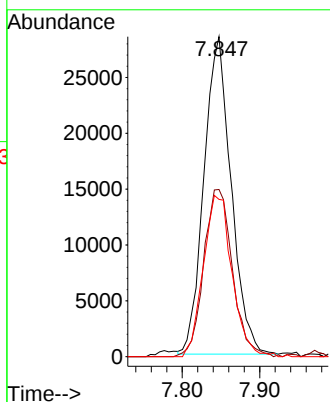
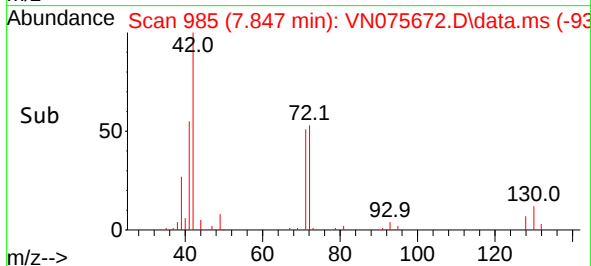
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01



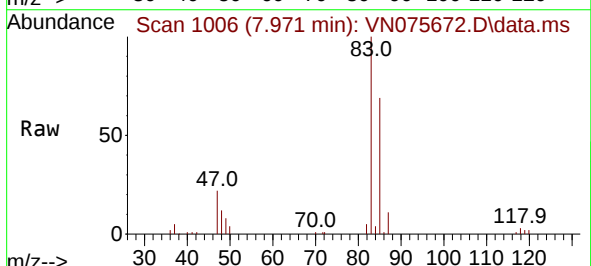
Tgt Ion: 42 Resp: 69390
Ion Ratio Lower Upper
42 100
72 55.6 44.6 67.0
71 53.5 41.2 61.8

Manual Integrations
APPROVED

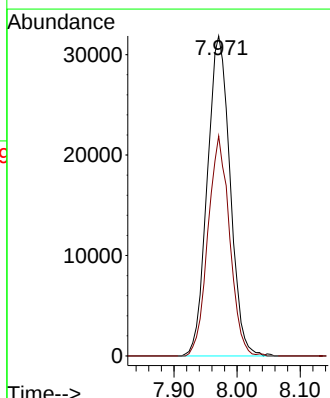
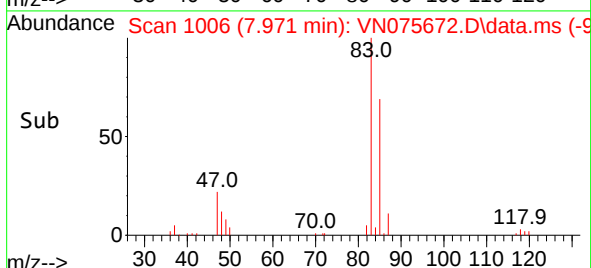
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

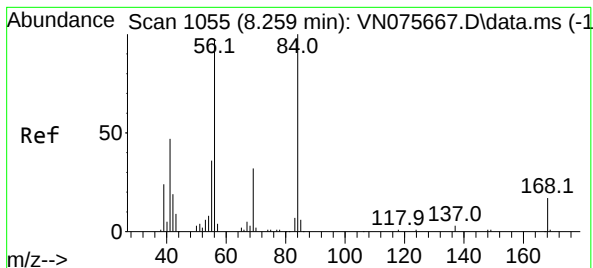


#30
Chloroform
Concen: 20.639 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. 0.000 min
Lab File: VN075672.D
Acq: 09 Dec 2022 17:19



Tgt Ion: 83 Resp: 79757
Ion Ratio Lower Upper
83 100
85 68.8 51.8 77.6





#31

Cyclohexane

Concen: 18.523 ug/l

RT: 8.259 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VN075672.D

Acq: 09 Dec 2022 17:19

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBS01

Tgt Ion: 56 Resp: 6353

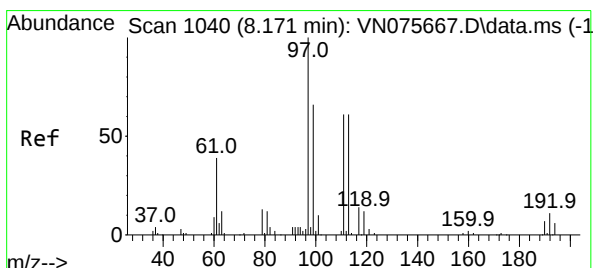
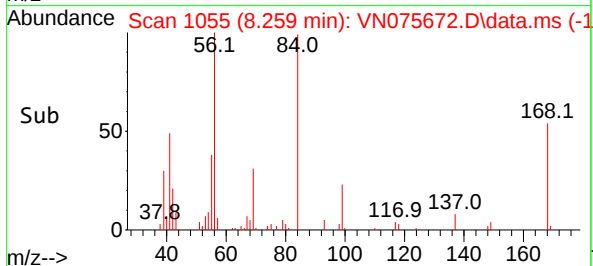
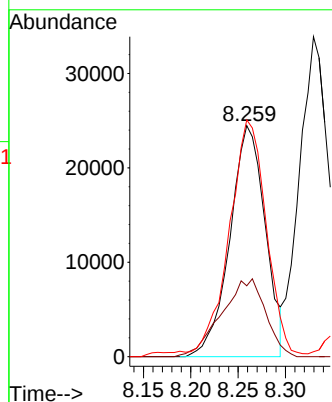
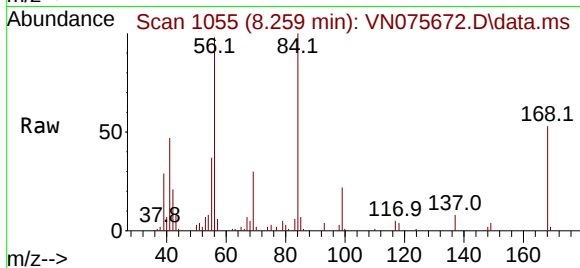
Ion	Ratio	Lower	Upper
56	100		
69	30.0	26.2	39.2
84	100.2	82.8	124.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2022

Supervised By :Mahesh Dadoda 12/12/2022



#32

1,1,1-Trichloroethane

Concen: 20.382 ug/l

RT: 8.177 min Scan# 1041

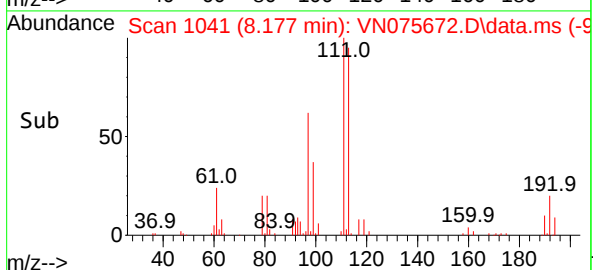
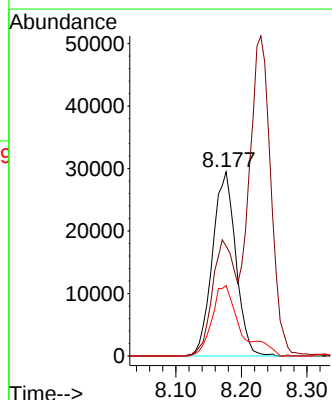
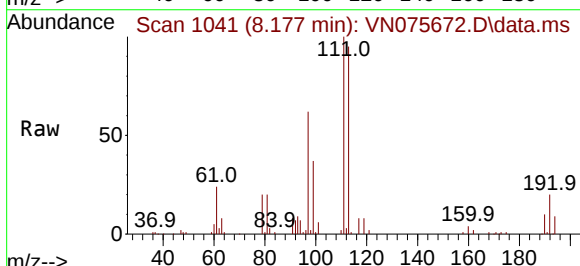
Delta R.T. 0.006 min

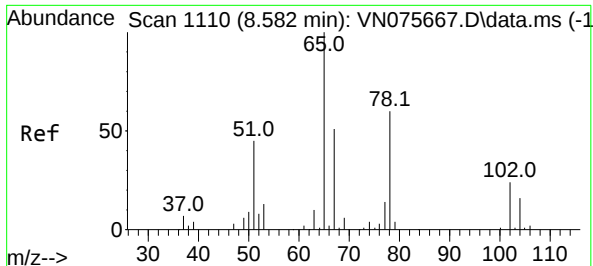
Lab File: VN075672.D

Acq: 09 Dec 2022 17:19

Tgt Ion: 97 Resp: 72668

Ion	Ratio	Lower	Upper
97	100		
99	61.0	51.2	76.8
61	41.0	34.2	51.4





#33

1,2-Dichloroethane-d4

Concen: 55.698 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN075672.D

Acq: 09 Dec 2022 17:19

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBS01

Tgt Ion: 65 Resp: 12904

Ion Ratio Lower Upper

65 100

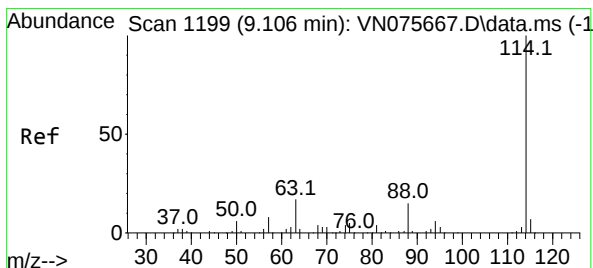
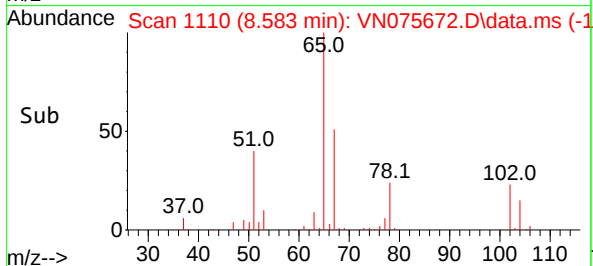
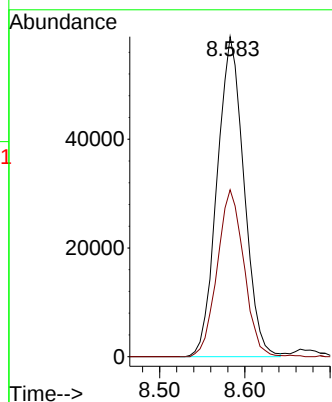
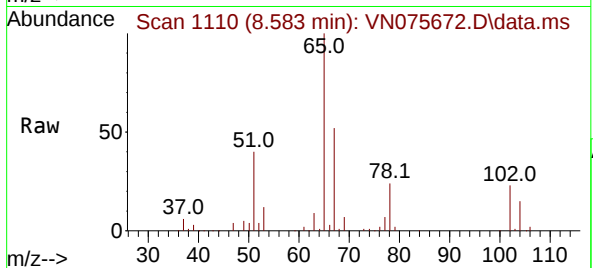
67 51.6 0.0 104.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2022

Supervised By :Mahesh Dadoda 12/12/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075672.D

Acq: 09 Dec 2022 17:19

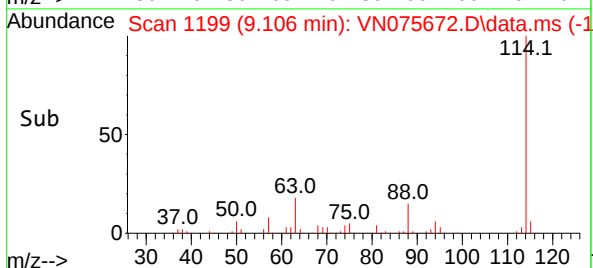
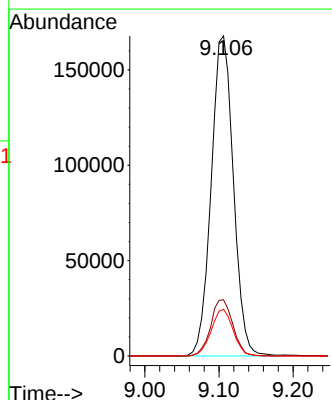
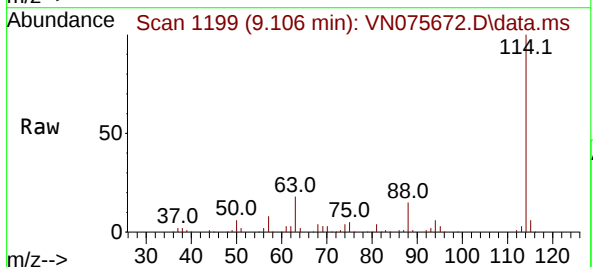
Tgt Ion:114 Resp: 348937

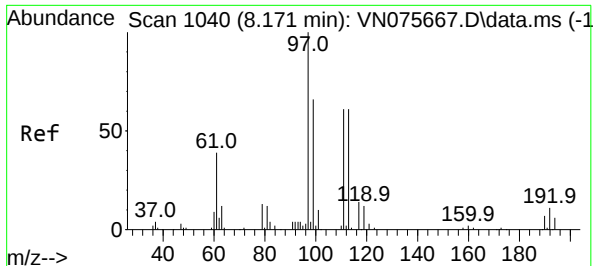
Ion Ratio Lower Upper

114 100

63 17.6 0.0 34.4

88 14.6 0.0 29.2





#35

Dibromofluoromethane

Concen: 55.561 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN075672.D

Acq: 09 Dec 2022 17:19

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBS01

Tgt Ion:113 Resp: 118284

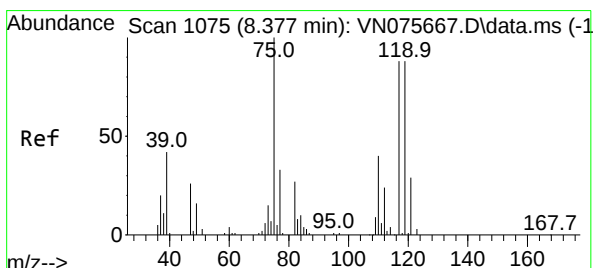
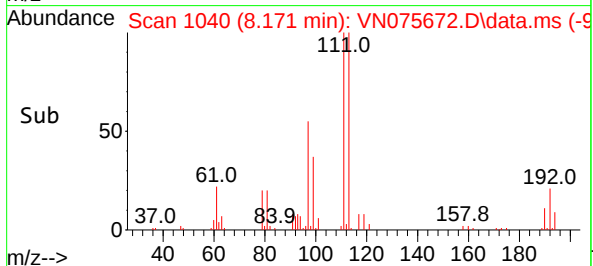
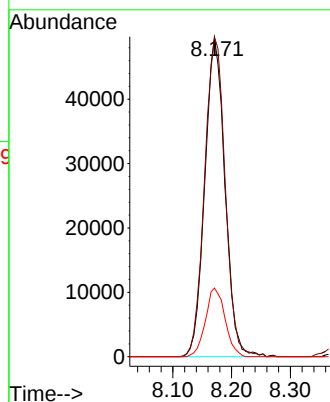
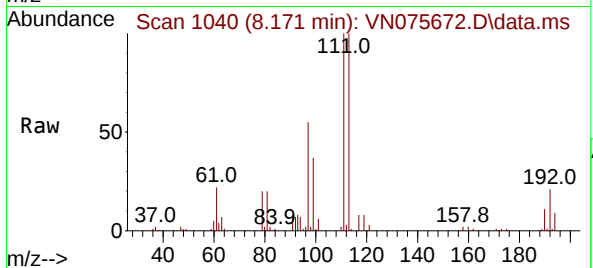
Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.0	121.6
192	20.9	16.2	24.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2022

Supervised By :Mahesh Dadoda 12/12/2022



#36

1,1-Dichloropropene

Concen: 20.321 ug/l

RT: 8.377 min Scan# 1075

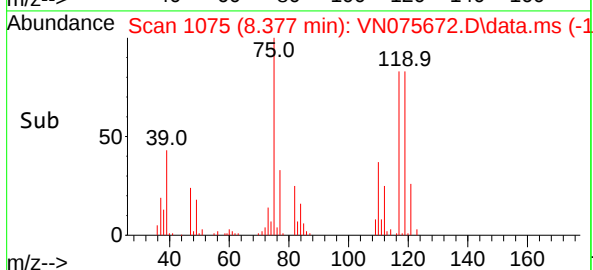
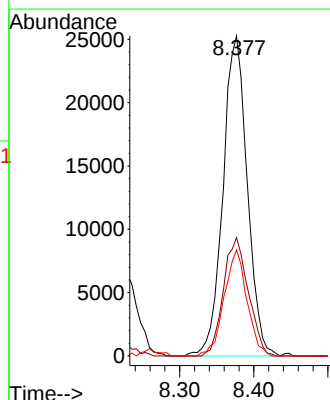
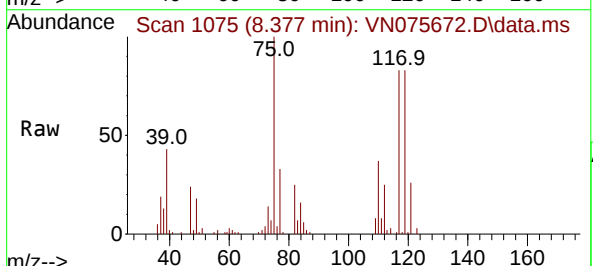
Delta R.T. 0.000 min

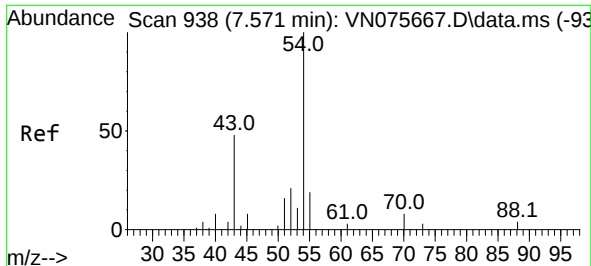
Lab File: VN075672.D

Acq: 09 Dec 2022 17:19

Tgt Ion: 75 Resp: 57445

Ion	Ratio	Lower	Upper
75	100		
110	37.8	18.9	56.9
77	31.2	25.4	38.2





#37

Ethyl Acetate

Concen: 20.199 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN075672.D

Acq: 09 Dec 2022 17:19

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBS01

Tgt Ion: 43 Resp: 4584

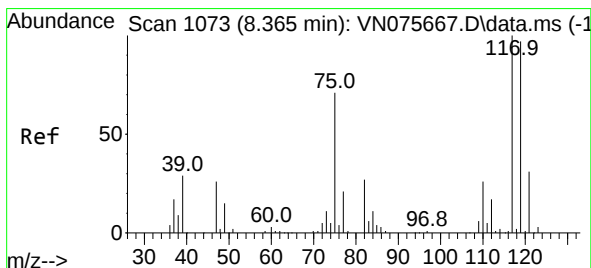
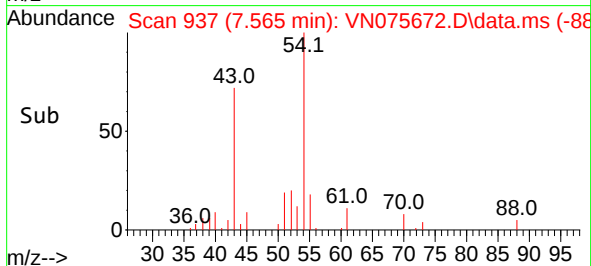
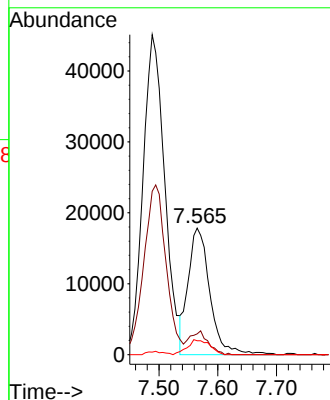
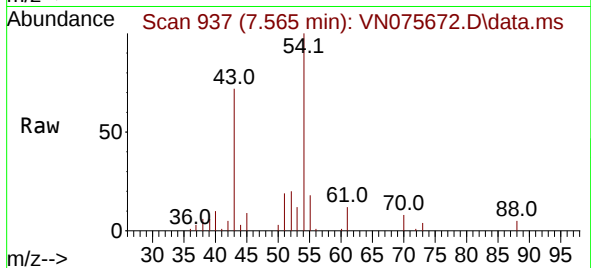
Ion	Ratio	Lower	Upper
43	100		
61	16.1	13.3	19.9
70	12.0	9.9	14.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2022

Supervised By :Mahesh Dadoda 12/12/2022



#38

Carbon Tetrachloride

Concen: 19.737 ug/l

RT: 8.365 min Scan# 1073

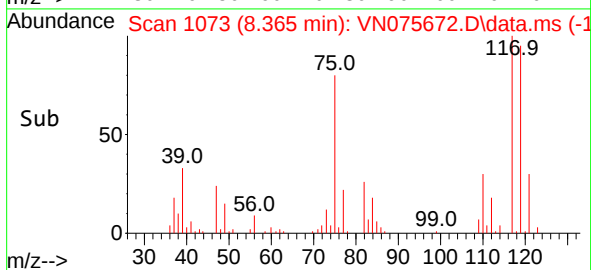
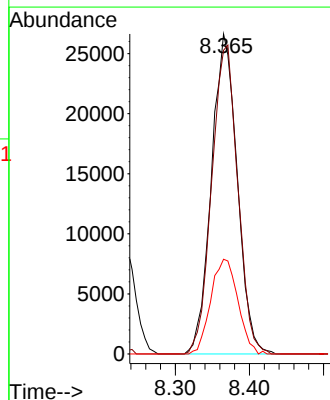
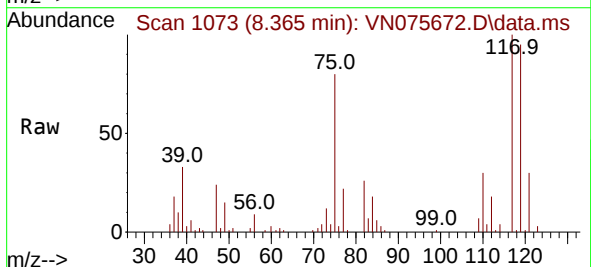
Delta R.T. 0.000 min

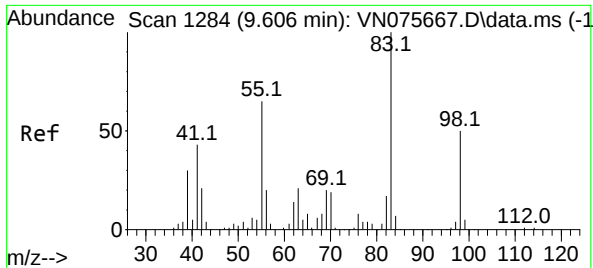
Lab File: VN075672.D

Acq: 09 Dec 2022 17:19

Tgt Ion: 117 Resp: 64383

Ion	Ratio	Lower	Upper
117	100		
119	94.9	77.2	115.8
121	29.6	24.6	37.0





#39

Methylcyclohexane

Concen: 20.564 ug/l

RT: 9.606 min Scan# 11284

Delta R.T. 0.000 min

Lab File: VN075672.D

Acq: 09 Dec 2022 17:19

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBS01

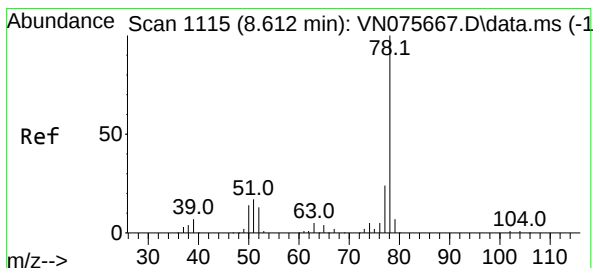
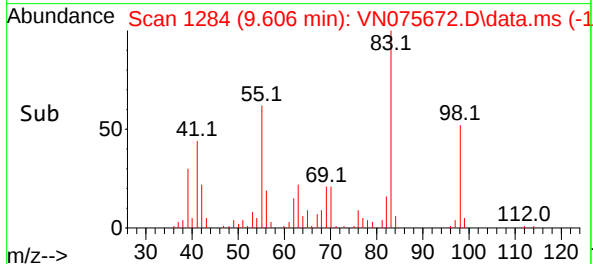
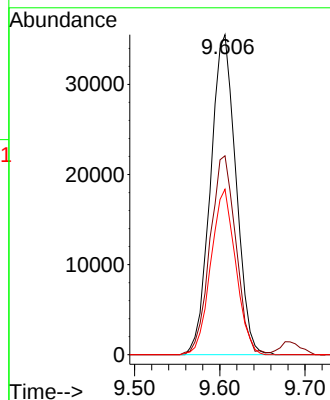
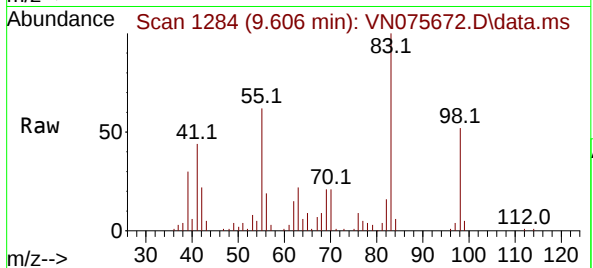
Tgt Ion: 83	Resp: 7371
Ion Ratio	Lower Upper
83 100	
55 62.1	51.6 77.4
98 51.7	39.8 59.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2022

Supervised By :Mahesh Dadoda 12/12/2022



#40

Benzene

Concen: 20.443 ug/l

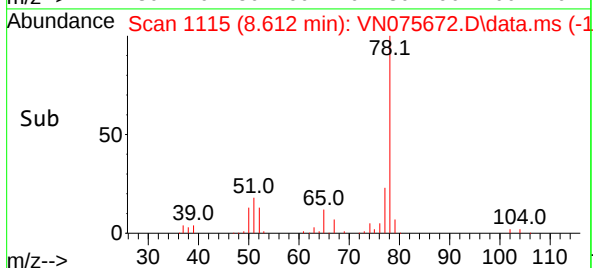
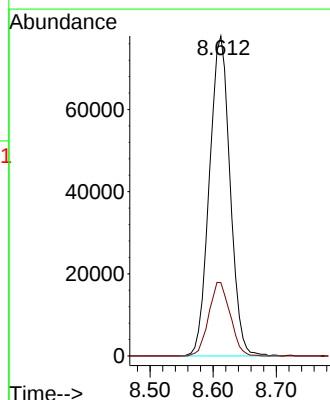
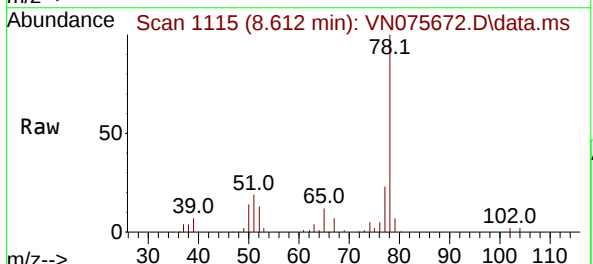
RT: 8.612 min Scan# 1115

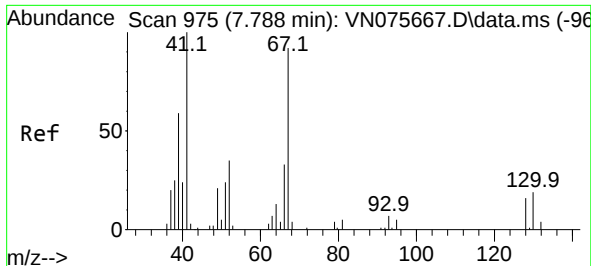
Delta R.T. 0.000 min

Lab File: VN075672.D

Acq: 09 Dec 2022 17:19

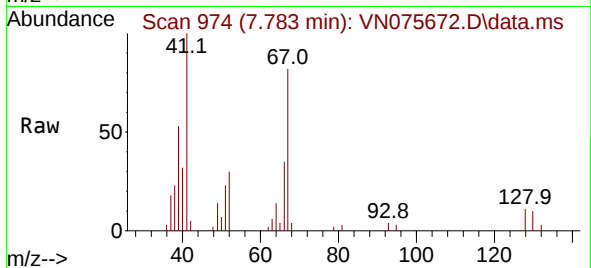
Tgt Ion: 78	Resp: 177356
Ion Ratio	Lower Upper
78 100	
77 22.9	19.1 28.7





#41
Methacrylonitrile
Concen: 19.265 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN075672.D
Acq: 09 Dec 2022 17:19

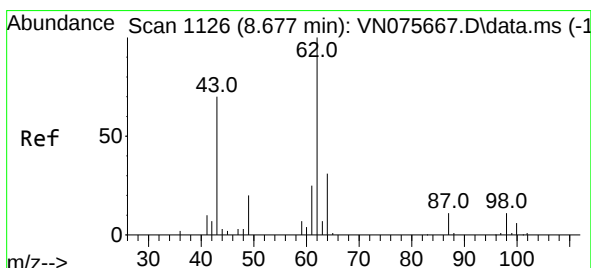
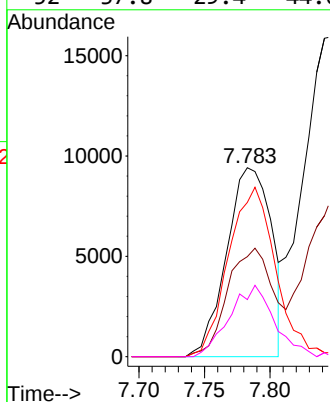
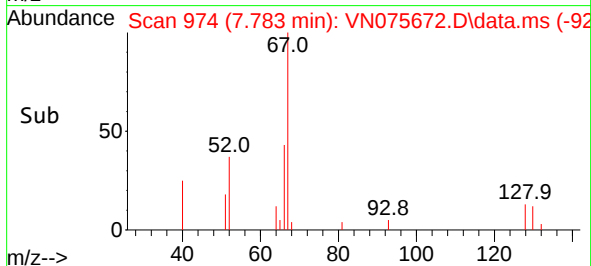
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01



Tgt Ion: 41 Resp: 22420
Ion Ratio Lower Upper
41 100
39 59.7 46.3 69.5
67 94.3 74.0 111.0
52 37.8 29.4 44.0

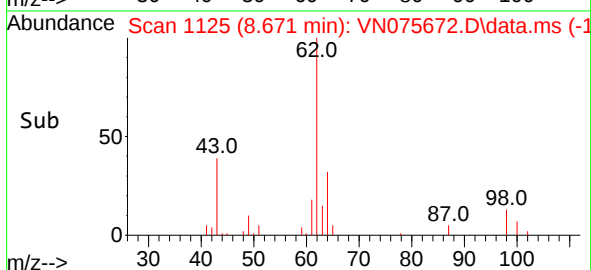
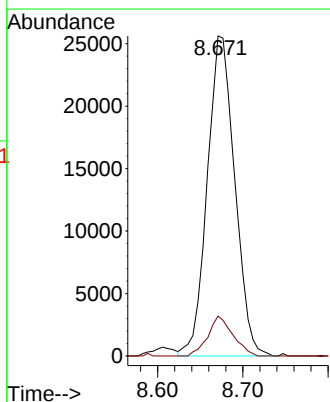
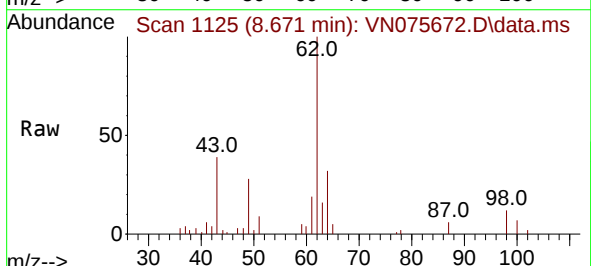
Manual Integrations
APPROVED

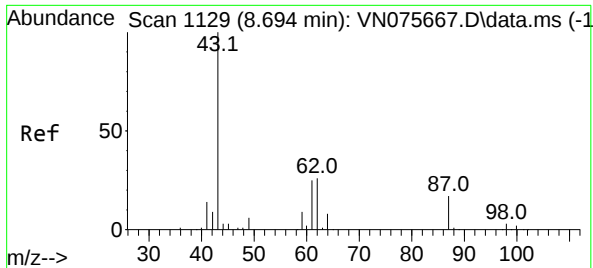
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#42
1,2-Dichloroethane
Concen: 19.838 ug/l
RT: 8.671 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VN075672.D
Acq: 09 Dec 2022 17:19

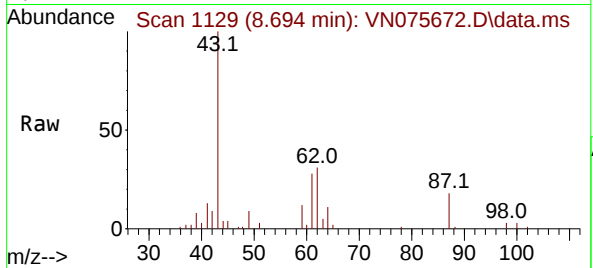
Tgt Ion: 62 Resp: 57572
Ion Ratio Lower Upper
62 100
98 11.3 0.0 21.8





#43
Isopropyl Acetate
Concen: 20.473 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN075672.D
Acq: 09 Dec 2022 17:19

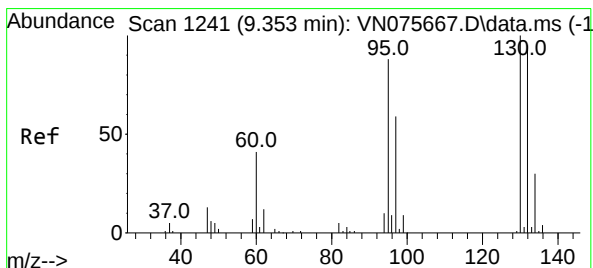
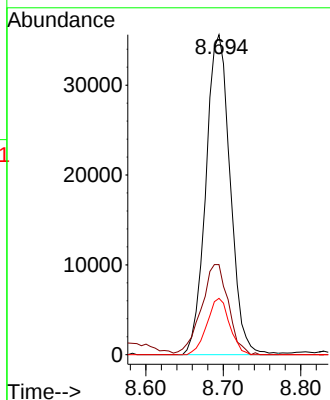
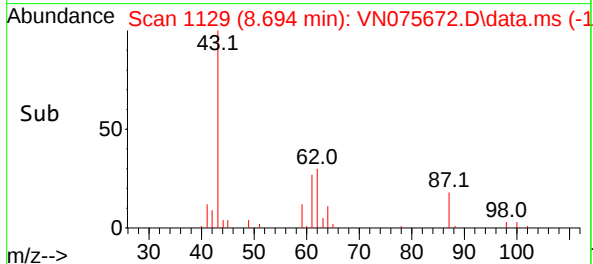
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01



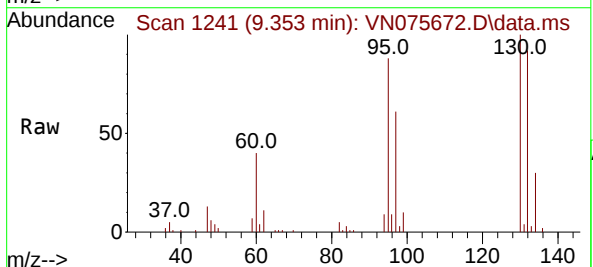
Tgt Ion: 43 Resp: 77574
Ion Ratio Lower Upper
43 100
61 31.4 23.8 35.8
87 16.4 13.7 20.5

Manual Integrations
APPROVED

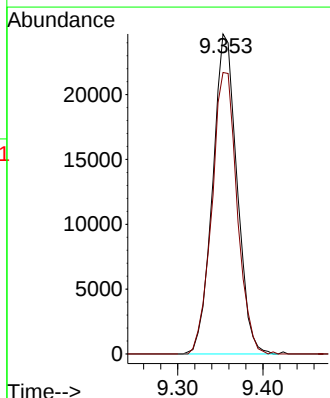
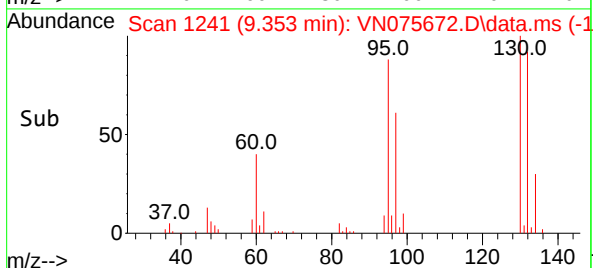
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

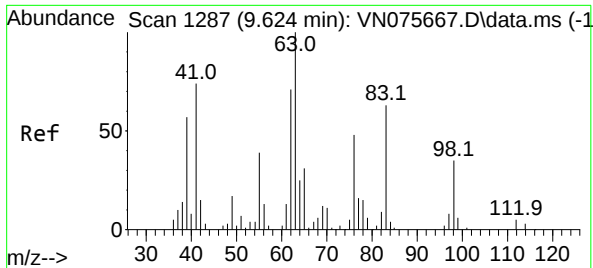


#44
Trichloroethene
Concen: 19.991 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VN075672.D
Acq: 09 Dec 2022 17:19



Tgt Ion:130 Resp: 48927
Ion Ratio Lower Upper
130 100
95 88.0 0.0 176.8





#45

1,2-Dichloropropane

Concen: 20.175 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. 0.000 min

Lab File: VN075672.D

Acq: 09 Dec 2022 17:19

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBS01

Tgt Ion: 63 Resp: 4162

Ion Ratio Lower Upper

63 100

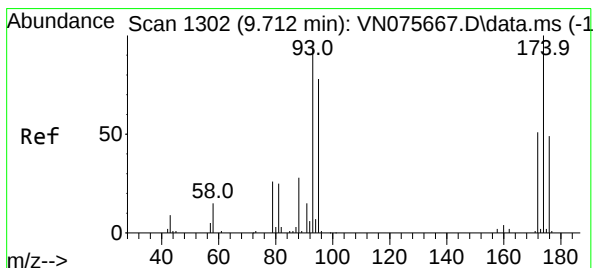
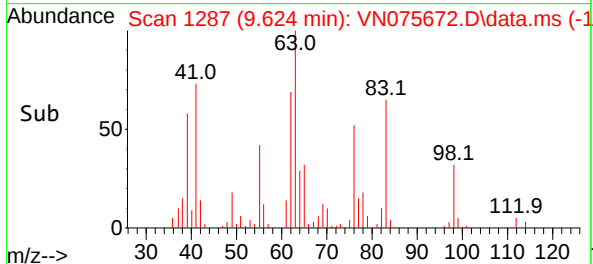
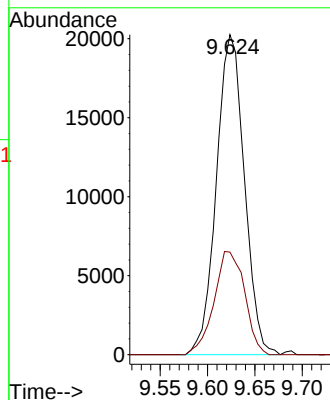
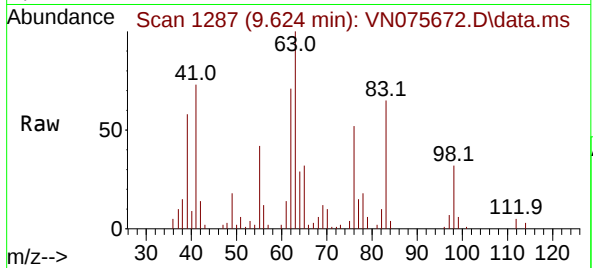
65 32.0 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2022

Supervised By :Mahesh Dadoda 12/12/2022



#46

Dibromomethane

Concen: 20.307 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VN075672.D

Acq: 09 Dec 2022 17:19

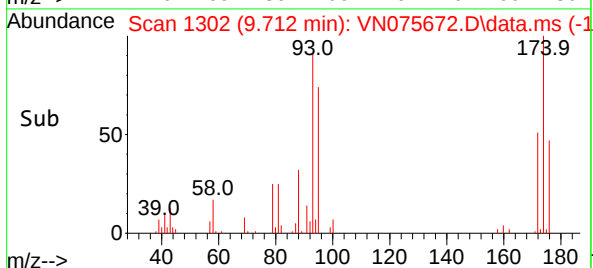
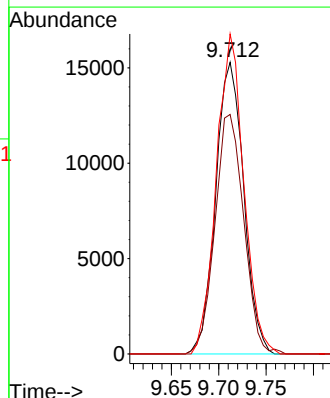
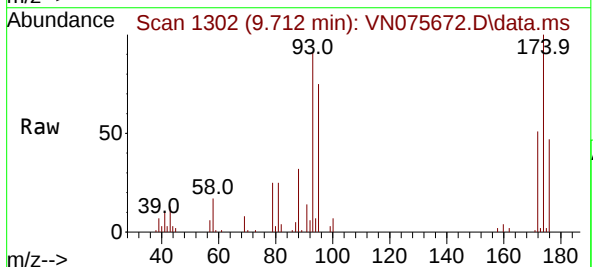
Tgt Ion: 93 Resp: 31458

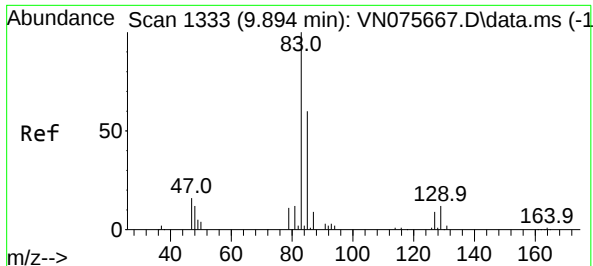
Ion Ratio Lower Upper

93 100

95 84.4 67.3 100.9

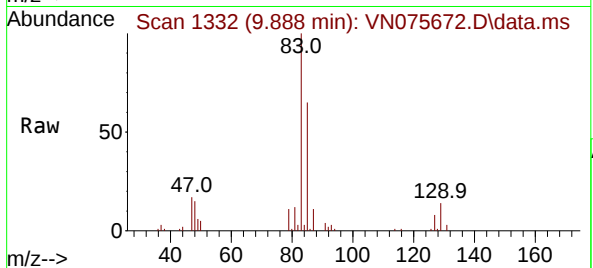
174 107.4 85.0 127.6





#47
Bromodichloromethane
Concen: 20.625 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075672.D
Acq: 09 Dec 2022 17:19

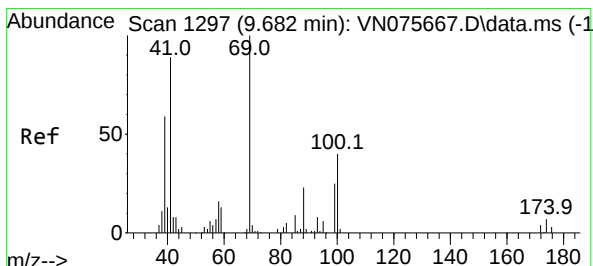
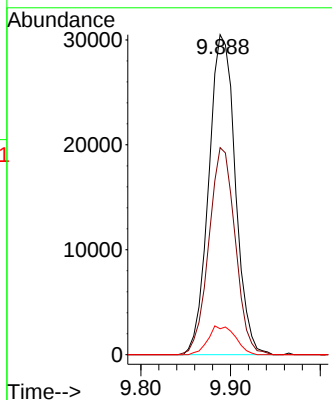
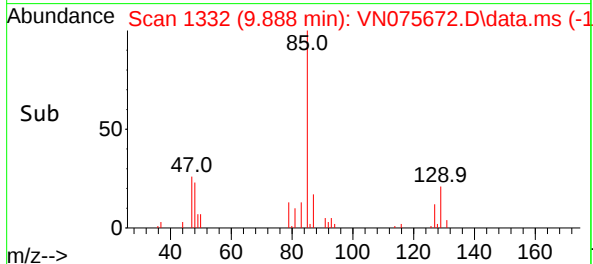
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01



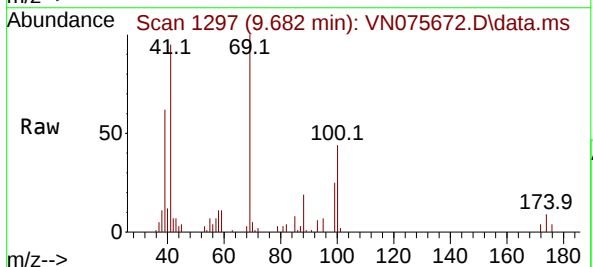
Tgt Ion: 83 Resp: 62644
Ion Ratio Lower Upper
83 100
85 64.7 48.0 72.0
127 8.1 7.4 11.2

Manual Integrations
APPROVED

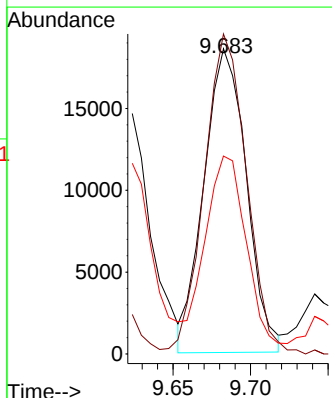
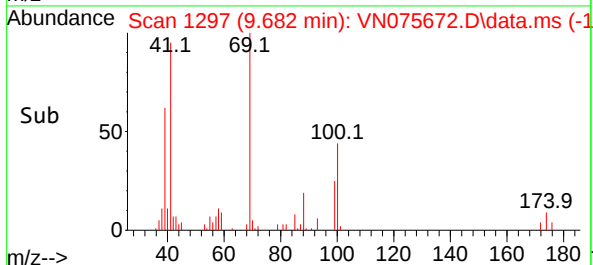
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

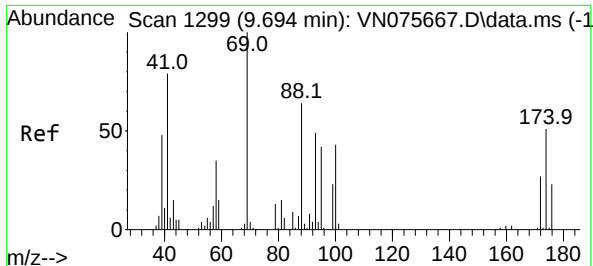


#48
Methyl methacrylate
Concen: 20.239 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN075672.D
Acq: 09 Dec 2022 17:19



Tgt Ion: 41 Resp: 35320
Ion Ratio Lower Upper
41 100
69 105.0 82.5 123.7
39 65.8 53.2 79.8





#49

1,4-Dioxane

Concen: 429.597 ug/l

RT: 9.694 min Scan# 1299

Delta R.T. 0.000 min

Lab File: VN075672.D

Acq: 09 Dec 2022 17:19

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBS01

Tgt Ion: 88 Resp: 18224

Ion Ratio Lower Upper

88 100

43 17.9 17.4 26.0

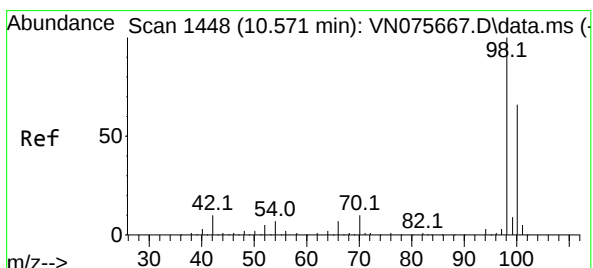
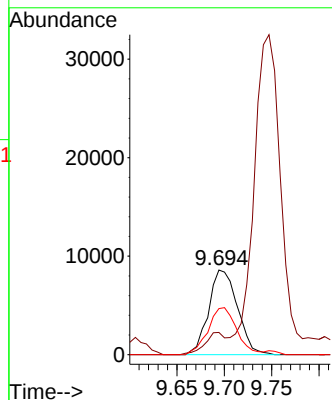
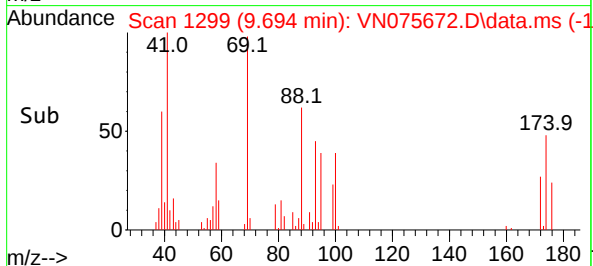
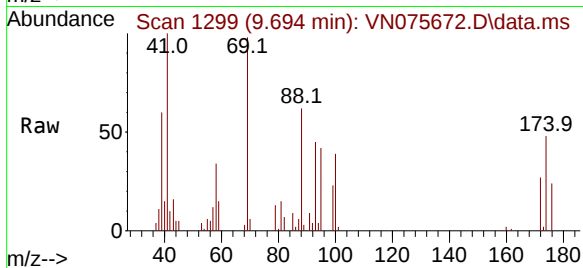
58 55.4 46.8 70.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2022

Supervised By :Mahesh Dadoda 12/12/2022



#50

Toluene-d8

Concen: 56.667 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN075672.D

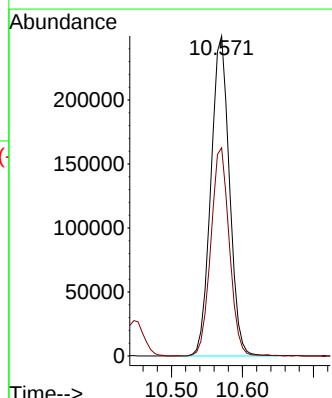
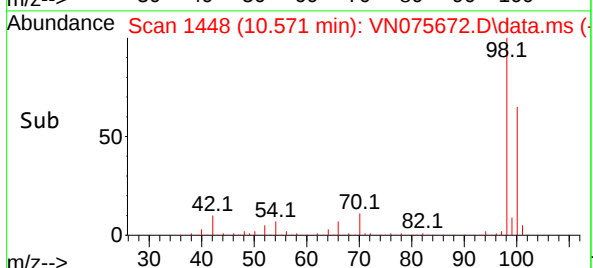
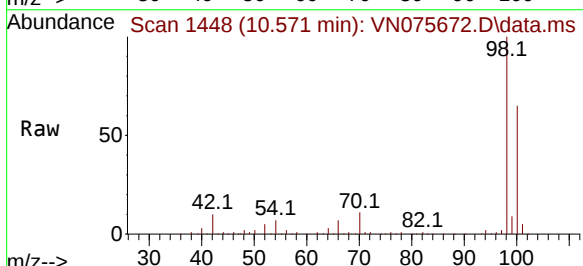
Acq: 09 Dec 2022 17:19

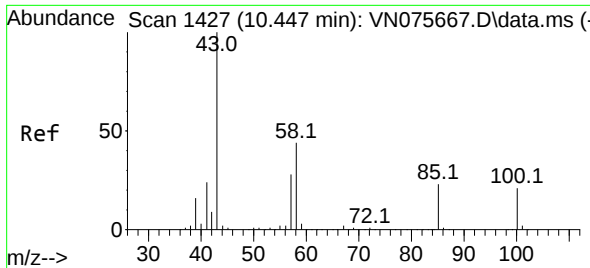
Tgt Ion: 98 Resp: 453056

Ion Ratio Lower Upper

98 100

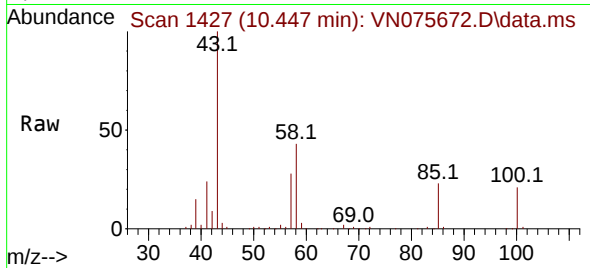
100 64.8 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 101.472 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075672.D
Acq: 09 Dec 2022 17:19

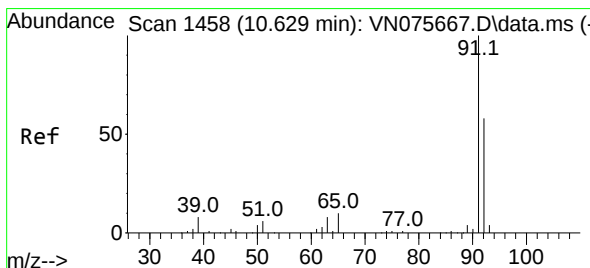
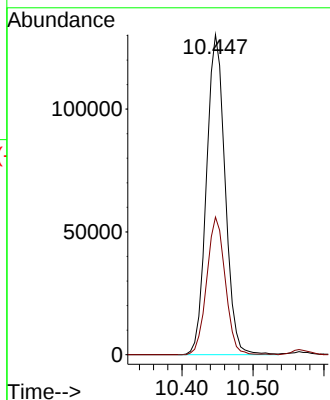
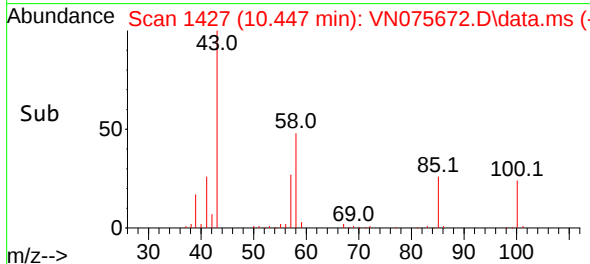
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01



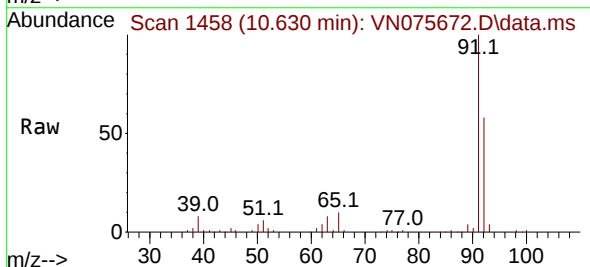
Tgt Ion: 43 Resp: 23708
Ion Ratio Lower Upper
43 100
58 42.7 35.0 52.6

Manual Integrations
APPROVED

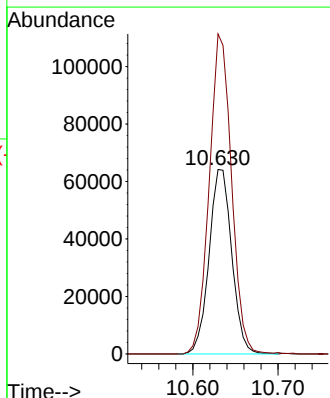
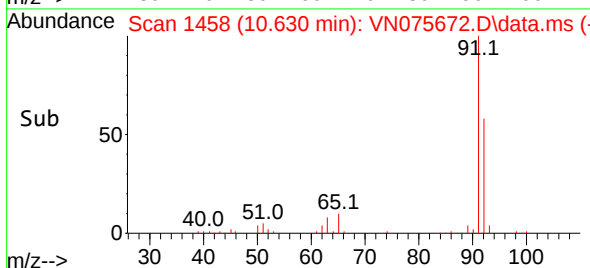
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

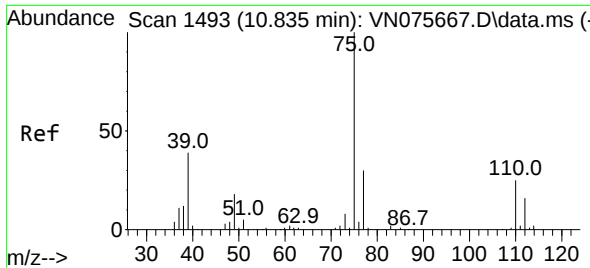


#52
Toluene
Concen: 20.698 ug/l
RT: 10.630 min Scan# 1458
Delta R.T. 0.000 min
Lab File: VN075672.D
Acq: 09 Dec 2022 17:19



Tgt Ion: 92 Resp: 118685
Ion Ratio Lower Upper
92 100
91 170.5 137.9 206.9





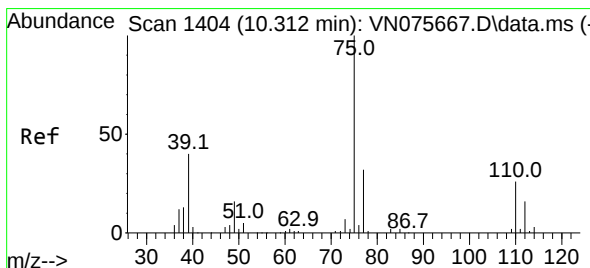
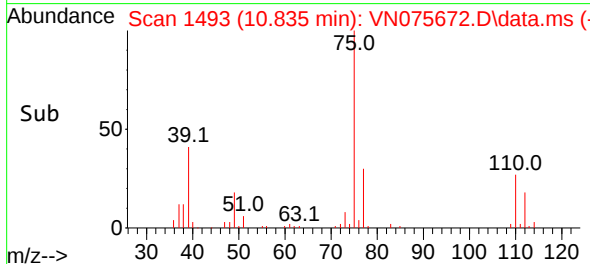
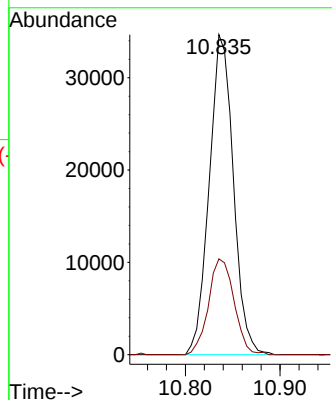
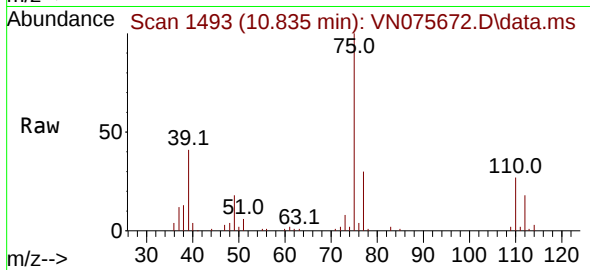
#53
t-1,3-Dichloropropene
Concen: 20.471 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VN075672.D
Acq: 09 Dec 2022 17:19

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01

Tgt Ion: 75 Resp: 61409
Ion Ratio Lower Upper
75 100
77 30.0 24.3 36.5

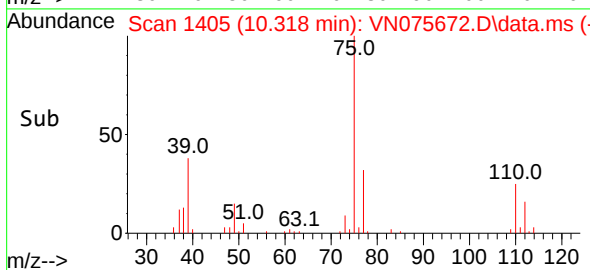
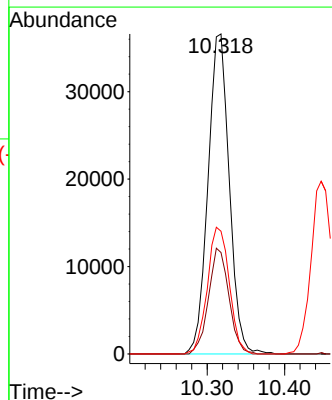
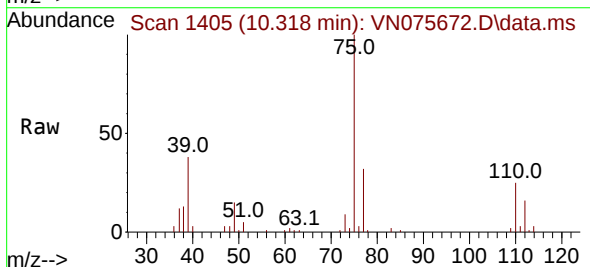
Manual Integrations
APPROVED

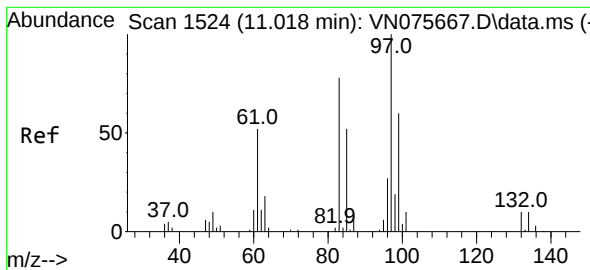
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#54
cis-1,3-Dichloropropene
Concen: 20.918 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. 0.006 min
Lab File: VN075672.D
Acq: 09 Dec 2022 17:19

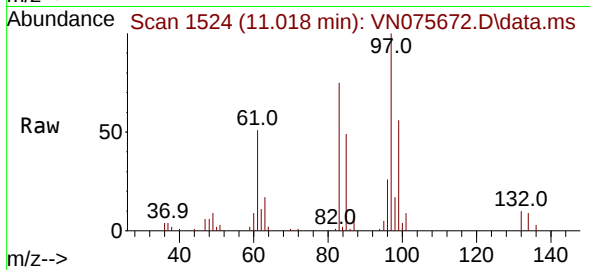
Tgt Ion: 75 Resp: 69813
Ion Ratio Lower Upper
75 100
77 31.7 25.3 37.9
39 38.4 32.0 48.0





#55
1,1,2-Trichloroethane
Concen: 21.186 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VN075672.D
Acq: 09 Dec 2022 17:19

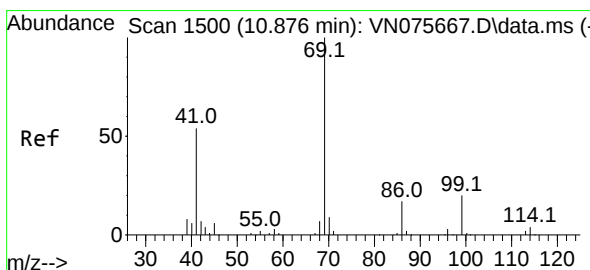
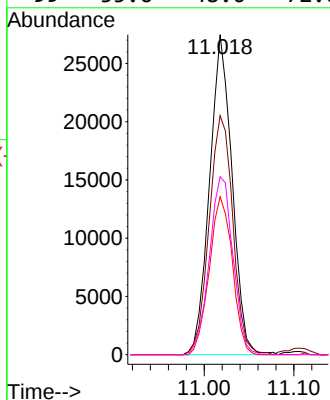
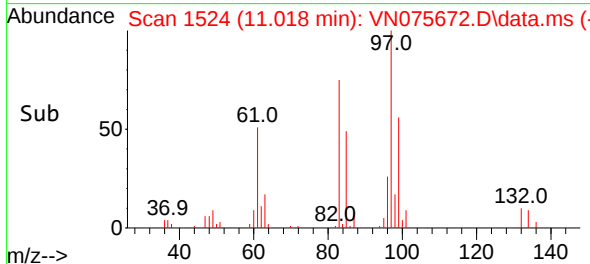
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01



Tgt Ion	Ratio	Lower	Upper
97	100		
83	74.7	62.7	94.1
85	49.3	41.8	62.6
99	55.6	48.0	72.0

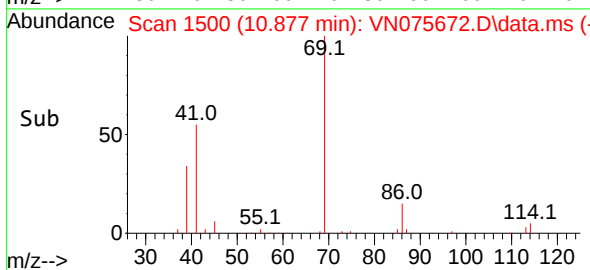
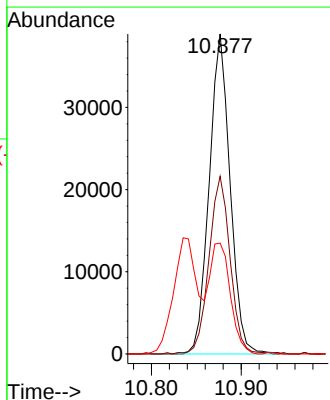
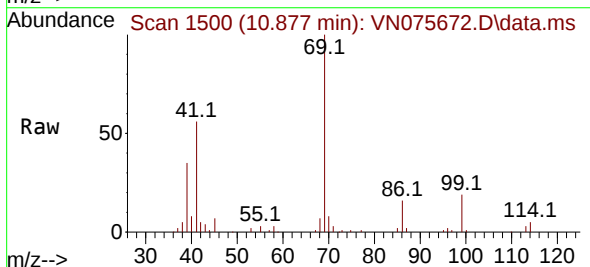
Manual Integrations
APPROVED

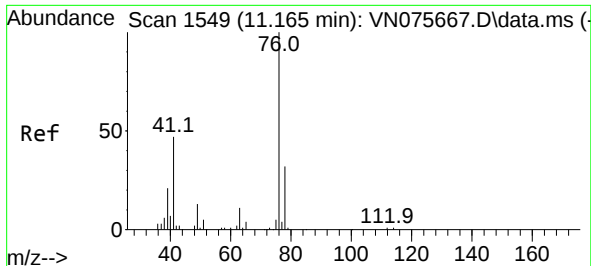
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#56
Ethyl methacrylate
Concen: 20.544 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN075672.D
Acq: 09 Dec 2022 17:19

Tgt Ion	Ratio	Lower	Upper
69	100		
41	56.3	44.1	66.1
39	34.0	27.7	41.5





#57

1,3-Dichloropropane

Concen: 20.322 ug/l

RT: 11.165 min Scan# 1549

Delta R.T. 0.000 min

Lab File: VN075672.D

Acq: 09 Dec 2022 17:19

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBS01

Tgt Ion: 76 Resp: 74058

Ion Ratio Lower Upper

76 100

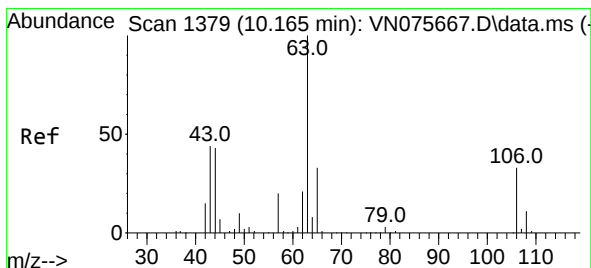
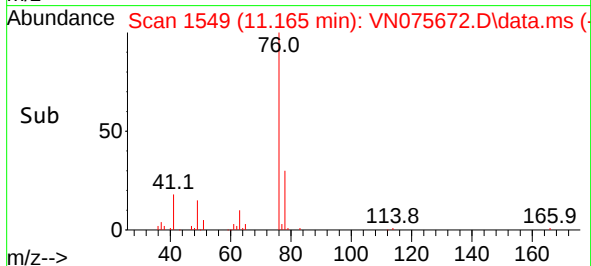
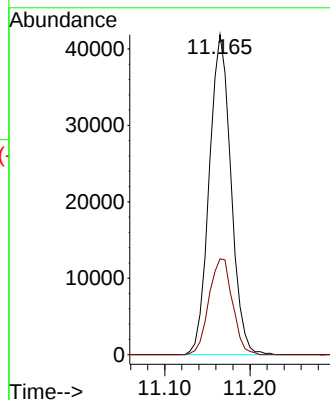
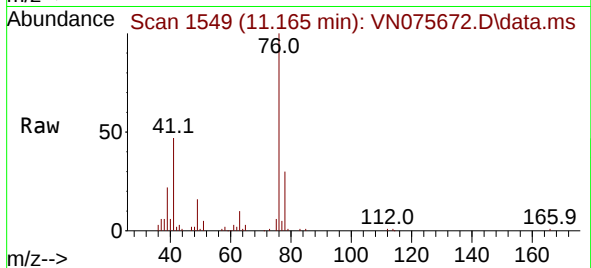
78 32.5 26.8 40.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2022

Supervised By :Mahesh Dadoda 12/12/2022



#58

2-Chloroethyl Vinyl ether

Concen: 106.009 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. 0.000 min

Lab File: VN075672.D

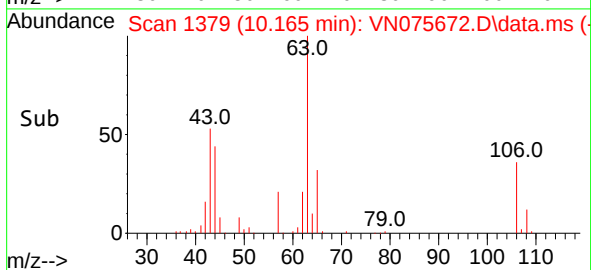
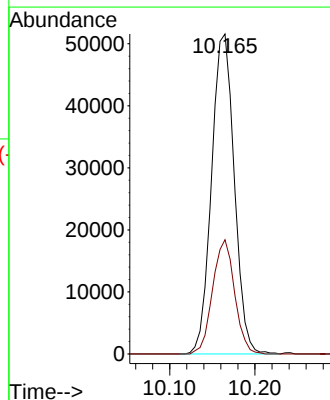
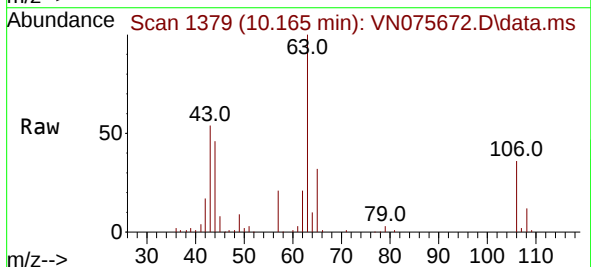
Acq: 09 Dec 2022 17:19

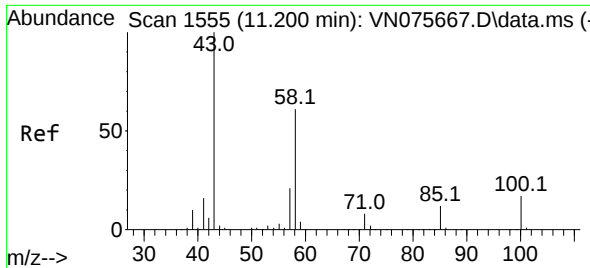
Tgt Ion: 63 Resp: 95621

Ion Ratio Lower Upper

63 100

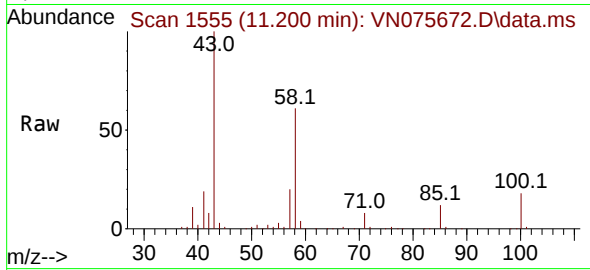
106 34.5 26.6 40.0





#59
2-Hexanone
Concen: 102.846 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN075672.D
Acq: 09 Dec 2022 17:19

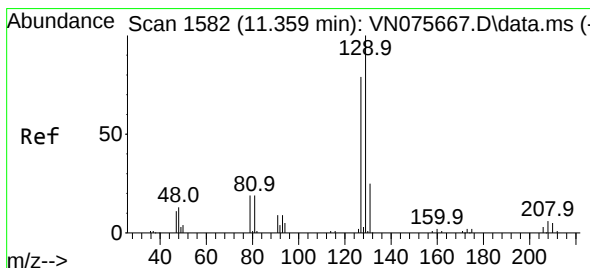
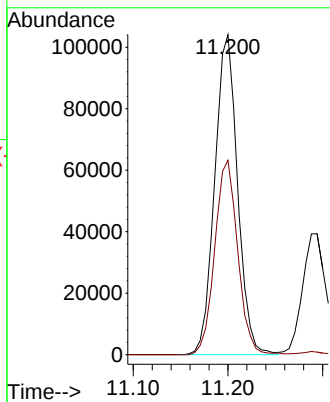
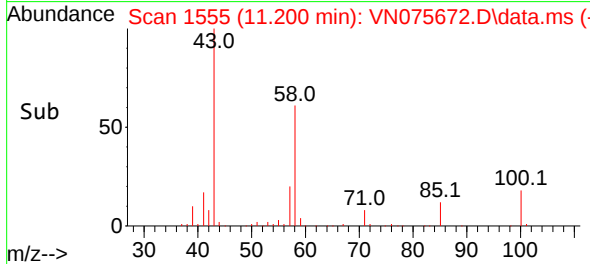
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01



Tgt Ion: 43 Resp: 17457
Ion Ratio Lower Upper
43 100
58 61.0 30.9 92.5

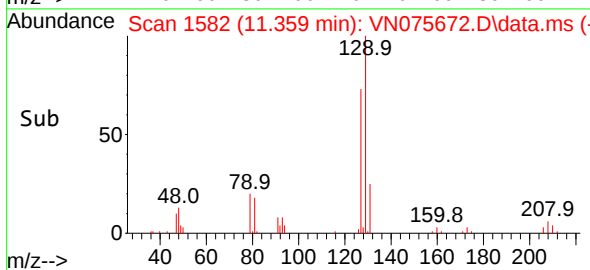
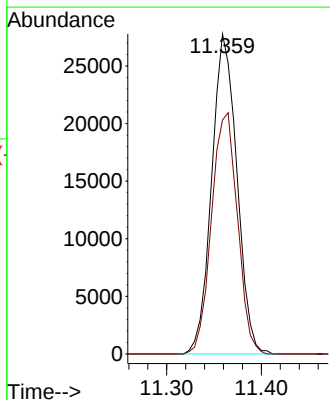
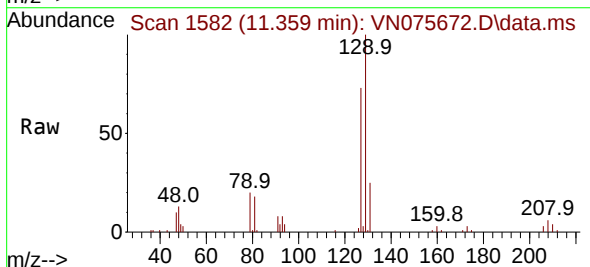
Manual Integrations
APPROVED

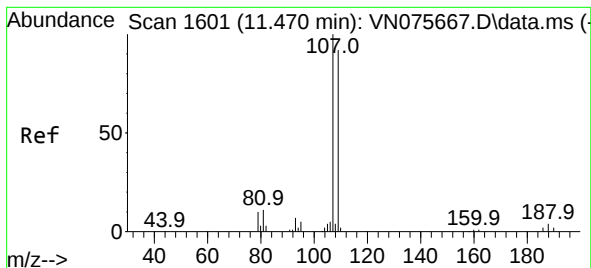
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#60
Dibromochloromethane
Concen: 20.688 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VN075672.D
Acq: 09 Dec 2022 17:19

Tgt Ion:129 Resp: 51325
Ion Ratio Lower Upper
129 100
127 77.5 38.6 116.0





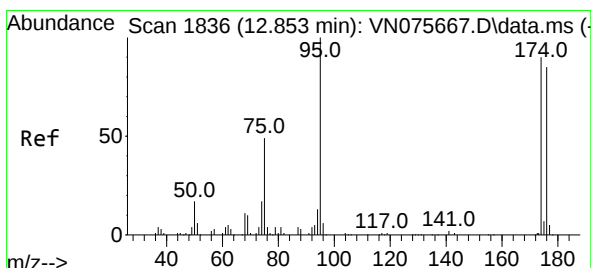
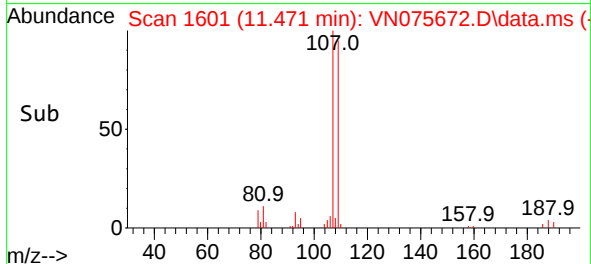
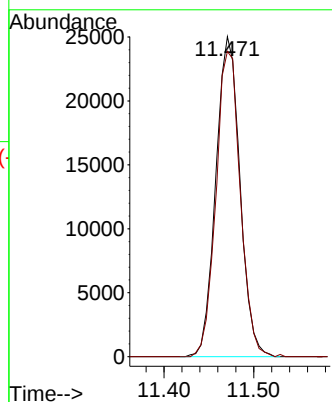
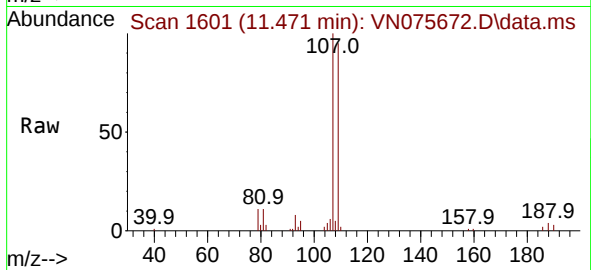
#61
1,2-Dibromoethane
Concen: 19.753 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN075672.D
Acq: 09 Dec 2022 17:19

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01

Tgt Ion:107 Resp: 46660
Ion Ratio Lower Upper
107 100
109 96.1 75.4 113.2

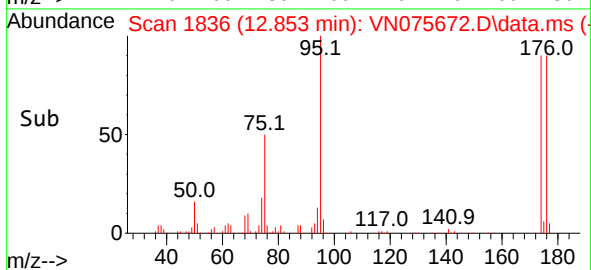
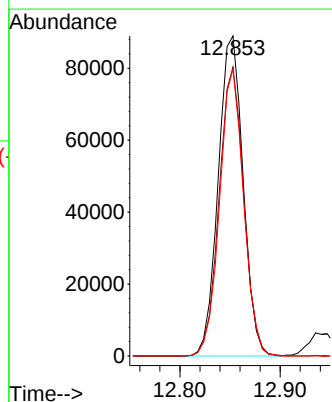
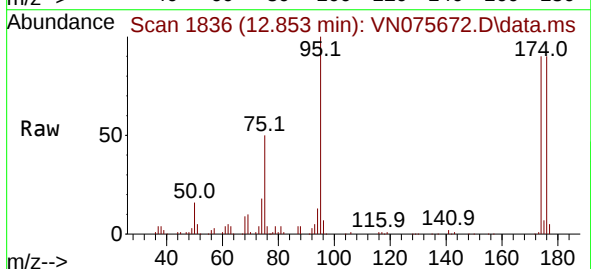
Manual Integrations
APPROVED

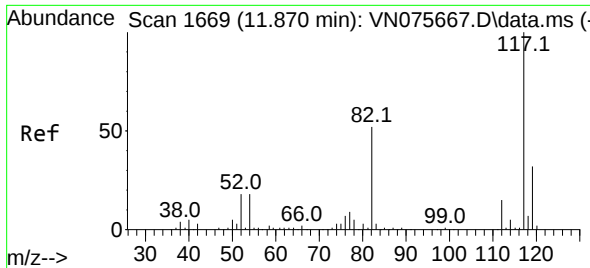
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#62
4-Bromofluorobenzene
Concen: 56.119 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075672.D
Acq: 09 Dec 2022 17:19

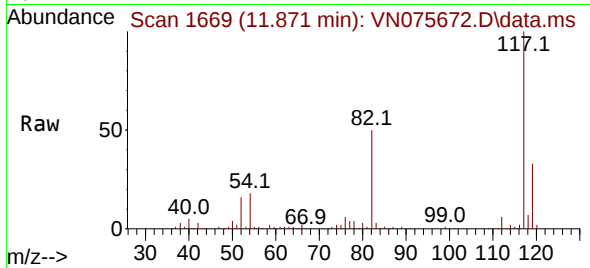
Tgt Ion: 95 Resp: 153405
Ion Ratio Lower Upper
95 100
174 89.0 0.0 178.6
176 86.4 0.0 170.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VN075672.D
Acq: 09 Dec 2022 17:19

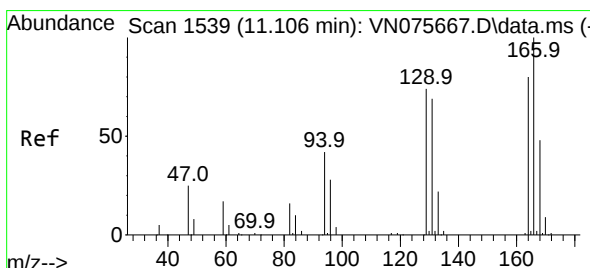
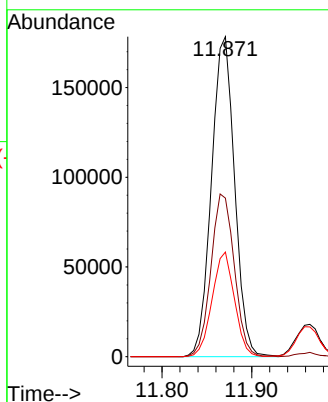
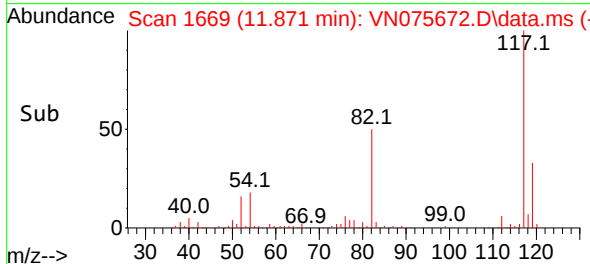
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01



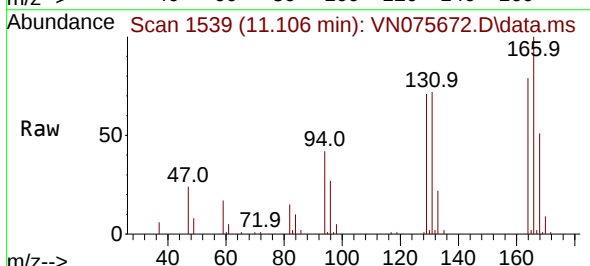
Tgt Ion:117 Resp: 31971
Ion Ratio Lower Upper
117 100
82 49.6 41.8 62.8
119 32.7 25.8 38.6

Manual Integrations
APPROVED

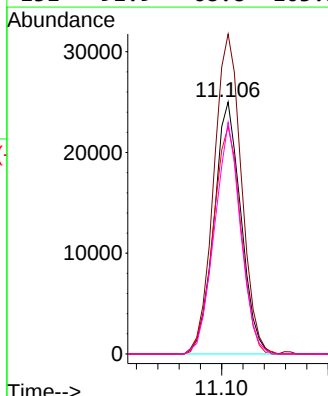
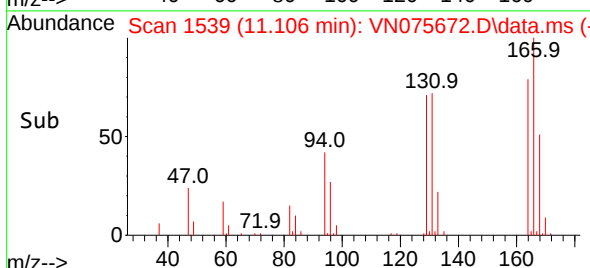
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

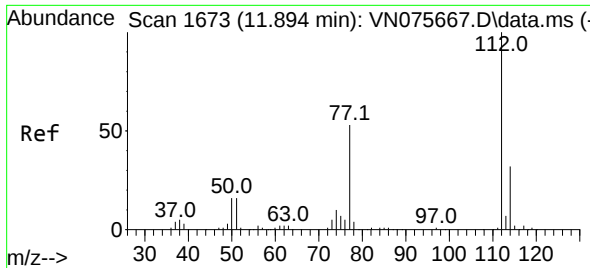


#64
Tetrachloroethene
Concen: 18.875 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN075672.D
Acq: 09 Dec 2022 17:19



Tgt Ion:164 Resp: 43957
Ion Ratio Lower Upper
164 100
166 127.0 100.3 150.5
129 90.3 73.9 110.9
131 91.9 68.8 103.2





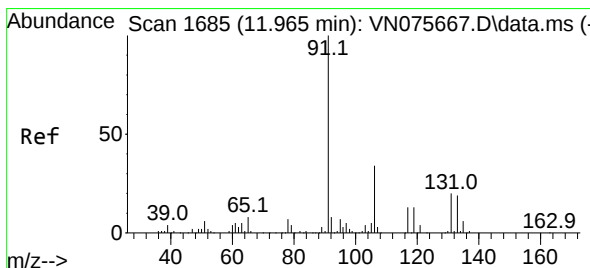
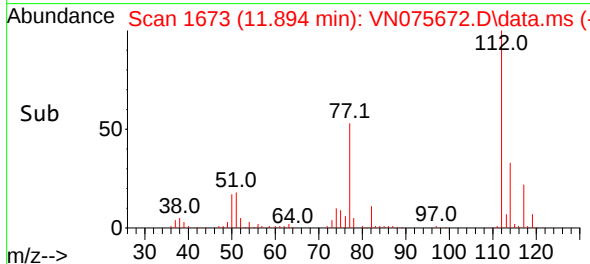
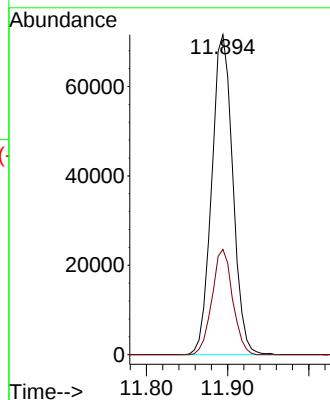
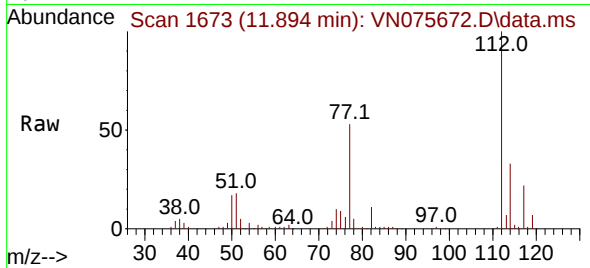
#65
Chlorobenzene
Concen: 19.617 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075672.D
Acq: 09 Dec 2022 17:19

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01

Tgt Ion:112 Resp: 129040
Ion Ratio Lower Upper
112 100
114 32.9 25.5 38.3

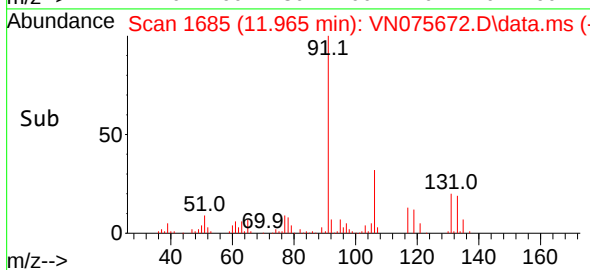
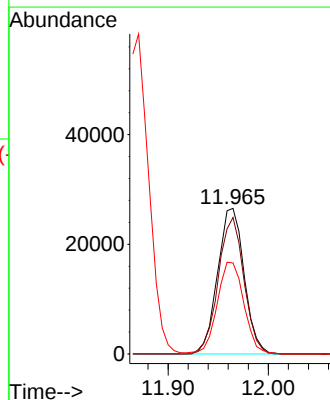
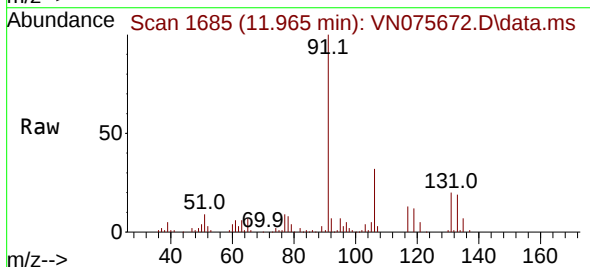
Manual Integrations
APPROVED

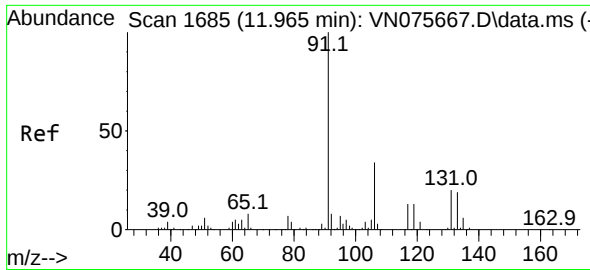
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 20.335 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN075672.D
Acq: 09 Dec 2022 17:19

Tgt Ion:131 Resp: 48668
Ion Ratio Lower Upper
131 100
133 91.0 47.5 142.6
119 63.3 32.5 97.4





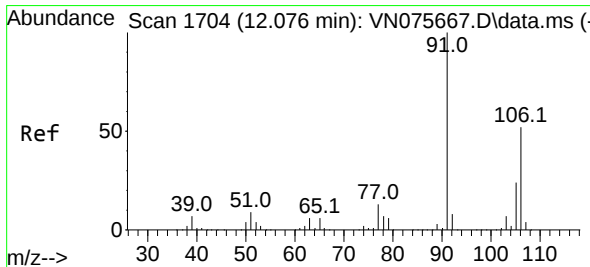
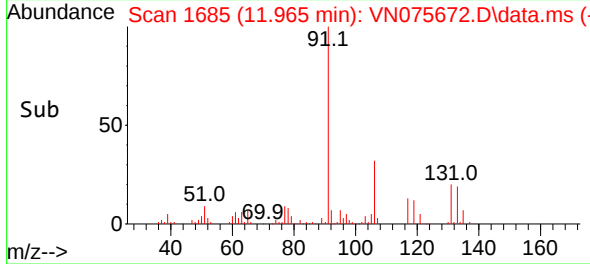
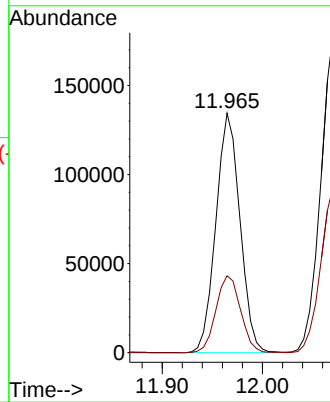
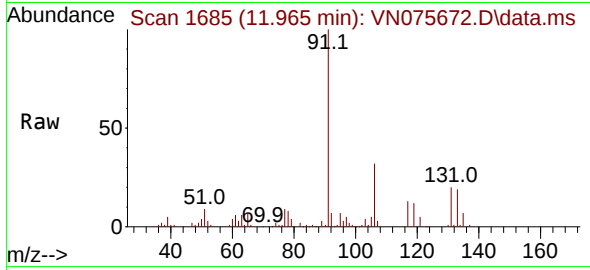
#67
Ethyl Benzene
Concen: 20.153 ug/l
RT: 11.965 min Scan# 110
Delta R.T. 0.000 min
Lab File: VN075672.D
Acq: 09 Dec 2022 17:19

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01

Tgt Ion: 91 Resp: 22426
Ion Ratio Lower Upper
91 100
106 32.1 26.9 40.3

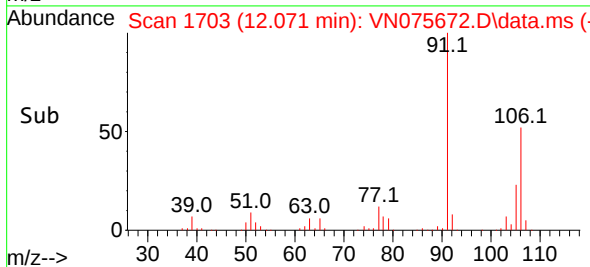
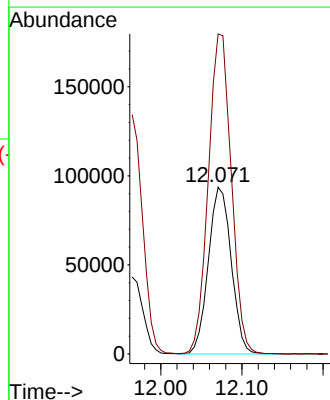
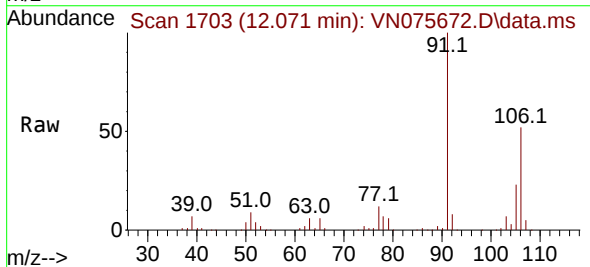
Manual Integrations
APPROVED

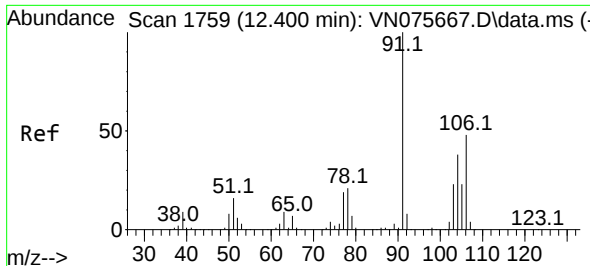
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#68
m/p-Xylenes
Concen: 40.771 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN075672.D
Acq: 09 Dec 2022 17:19

Tgt Ion:106 Resp: 183326
Ion Ratio Lower Upper
106 100
91 192.8 156.2 234.4





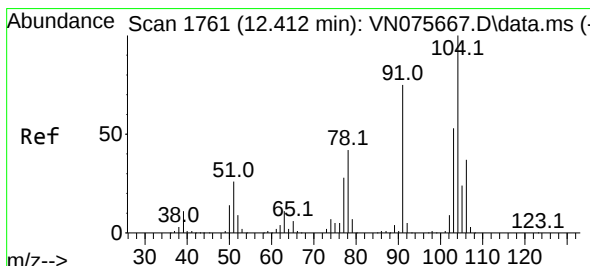
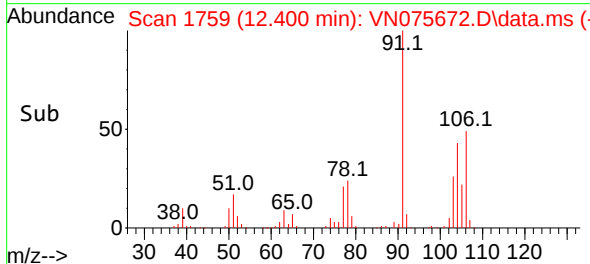
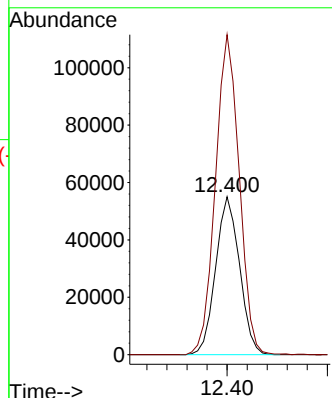
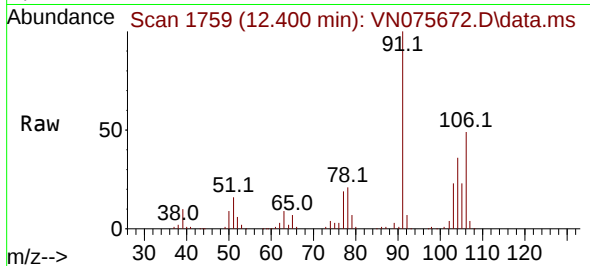
#69
o-Xylene
Concen: 20.856 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN075672.D
Acq: 09 Dec 2022 17:19

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01

Tgt Ion:106 Resp: 91000
Ion Ratio Lower Upper
106 100
91 201.9 102.8 308.5

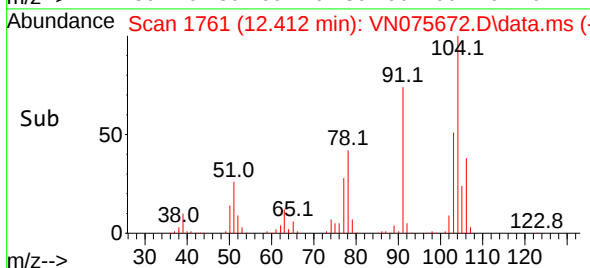
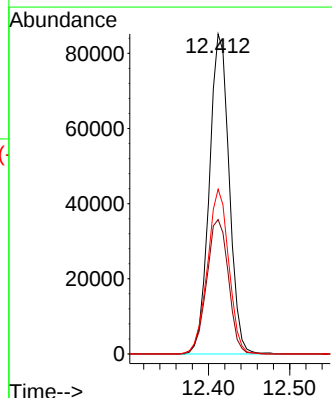
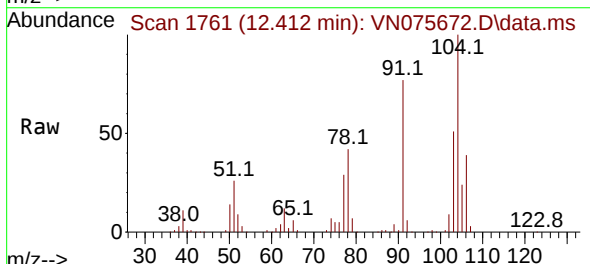
Manual Integrations
APPROVED

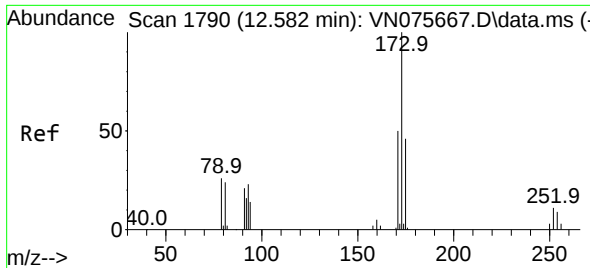
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#70
Styrene
Concen: 20.669 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VN075672.D
Acq: 09 Dec 2022 17:19

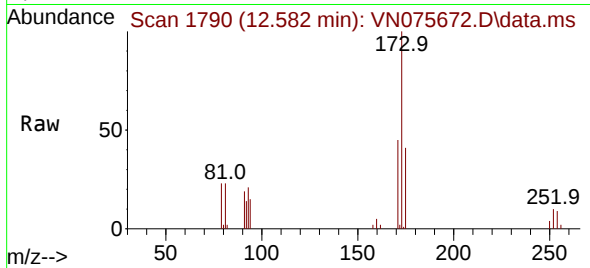
Tgt Ion:104 Resp: 144645
Ion Ratio Lower Upper
104 100
78 46.0 36.7 55.1
103 55.1 44.0 66.0





#71
Bromoform
Concen: 20.646 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VN075672.D
Acq: 09 Dec 2022 17:19

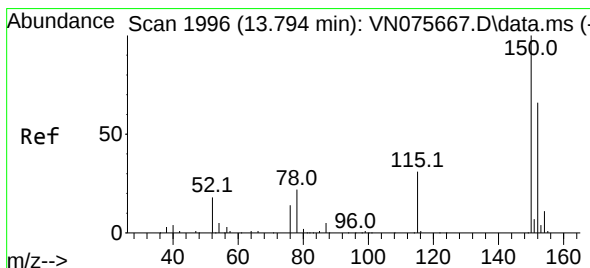
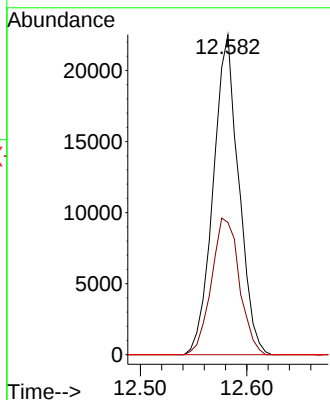
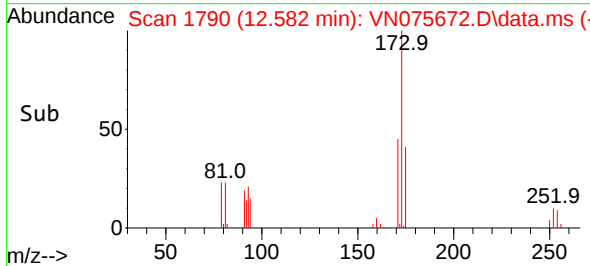
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01



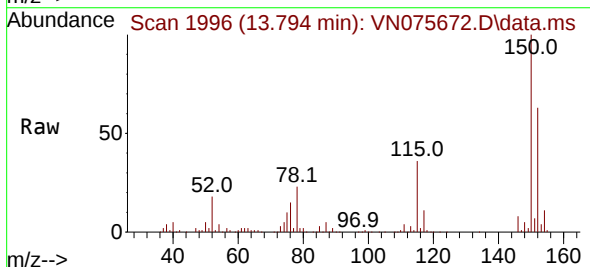
Tgt Ion:173 Resp: 37454
Ion Ratio Lower Upper
173 100
175 46.7 23.8 71.2
254 0.0 0.0 0.0

Manual Integrations
APPROVED

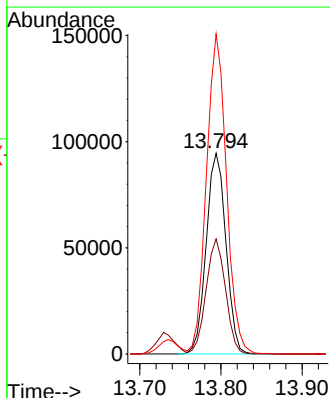
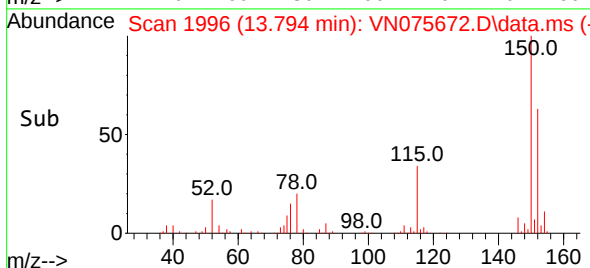
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

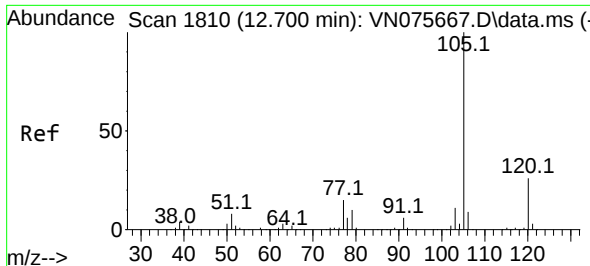


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075672.D
Acq: 09 Dec 2022 17:19



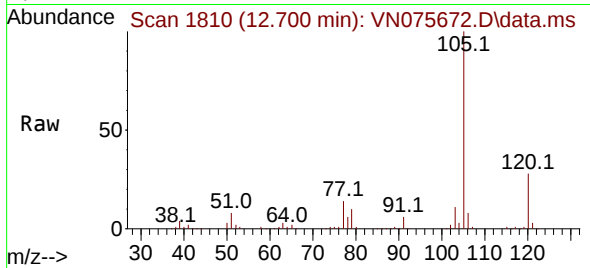
Tgt Ion:152 Resp: 159668
Ion Ratio Lower Upper
152 100
115 56.2 28.4 85.2
150 161.6 0.0 347.6





#73
Isopropylbenzene
Concen: 20.245 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN075672.D
Acq: 09 Dec 2022 17:19

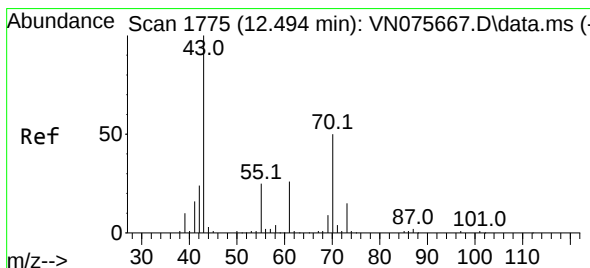
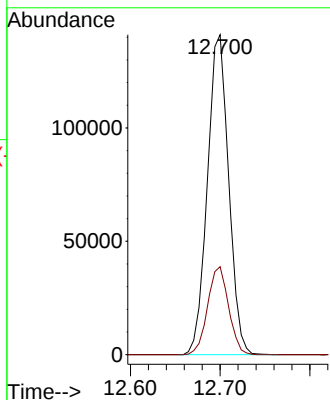
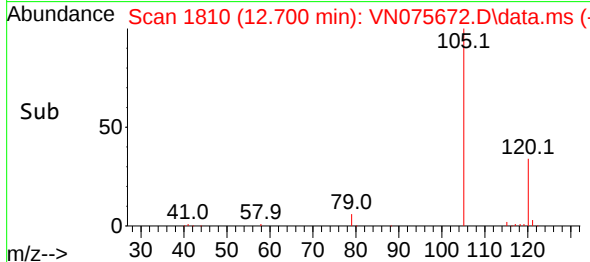
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01



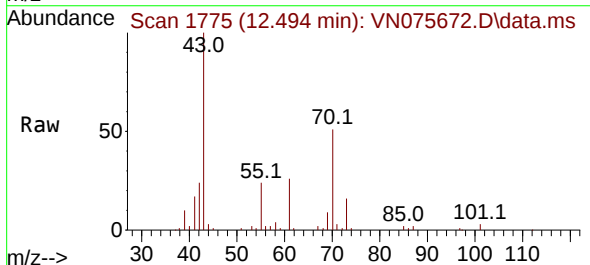
Tgt Ion:105 Resp: 23210
Ion Ratio Lower Upper
105 100
120 27.1 13.4 40.2

Manual Integrations
APPROVED

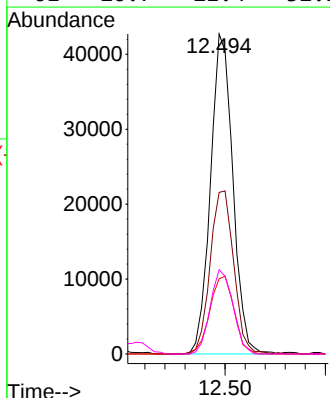
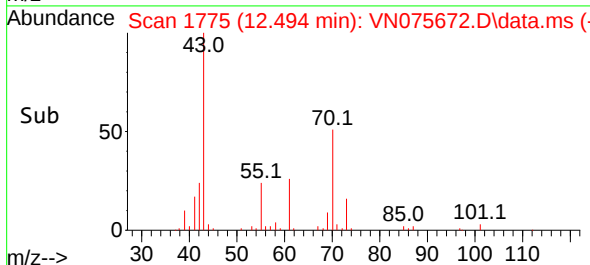
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

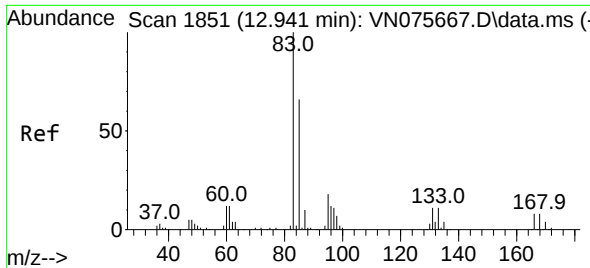


#74
N-ethyl acetate
Concen: 19.873 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN075672.D
Acq: 09 Dec 2022 17:19



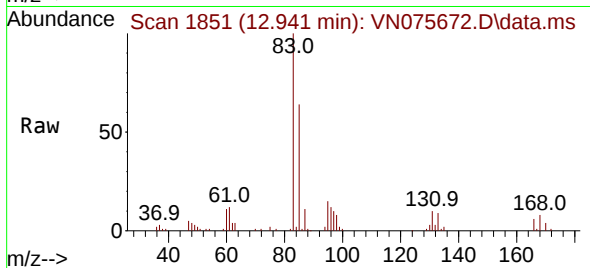
Tgt Ion: 43 Resp: 66197
Ion Ratio Lower Upper
43 100
70 53.8 41.0 61.6
55 26.3 20.7 31.1
61 26.7 21.4 32.2





#75
1,1,2,2-Tetrachloroethane
Concen: 19.597 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075672.D
Acq: 09 Dec 2022 17:19

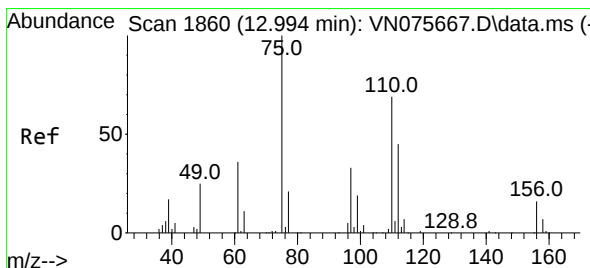
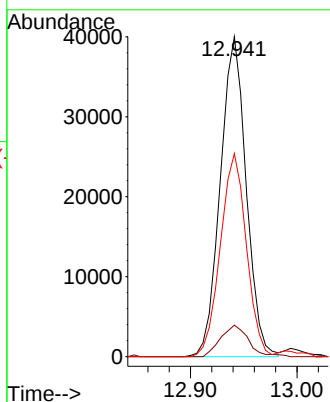
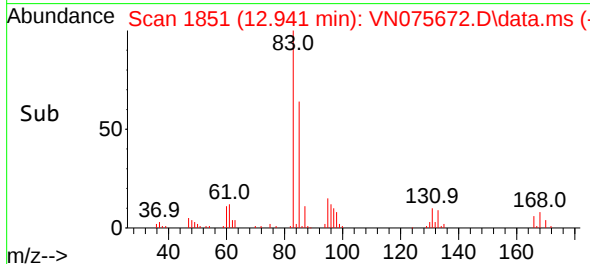
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01



Tgt Ion: 83 Resp: 67489
Ion Ratio Lower Upper
83 100
131 10.6 5.6 16.8
85 63.7 32.6 97.7

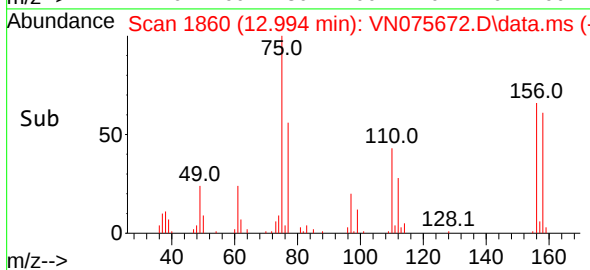
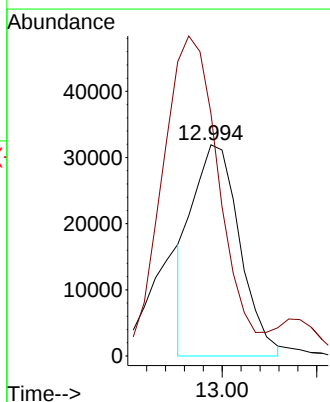
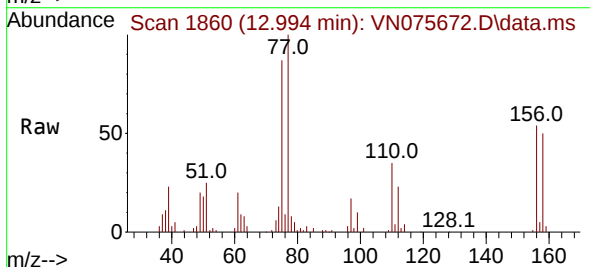
Manual Integrations
APPROVED

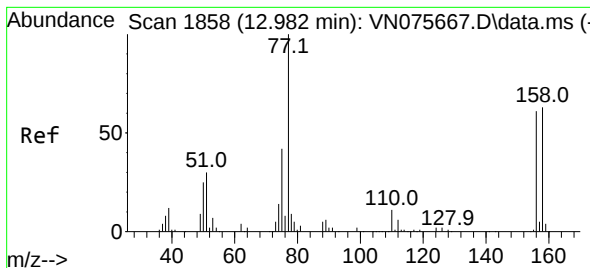
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#76
1,2,3-Trichloropropane
Concen: 17.487 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN075672.D
Acq: 09 Dec 2022 17:19

Tgt Ion: 75 Resp: 56071
Ion Ratio Lower Upper
75 100
77 181.9 81.8 245.4





#77

Bromobenzene

Concen: 19.759 ug/l

RT: 12.982 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VN075672.D

Acq: 09 Dec 2022 17:19

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBS01

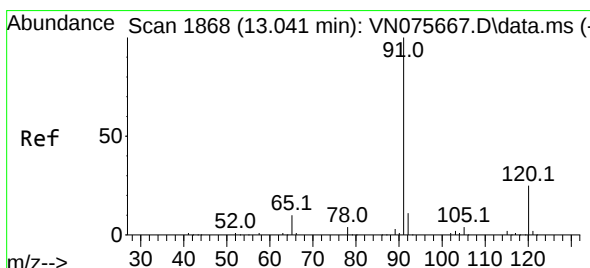
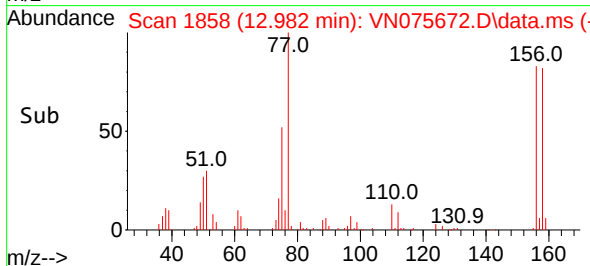
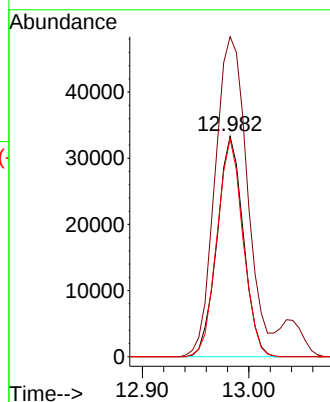
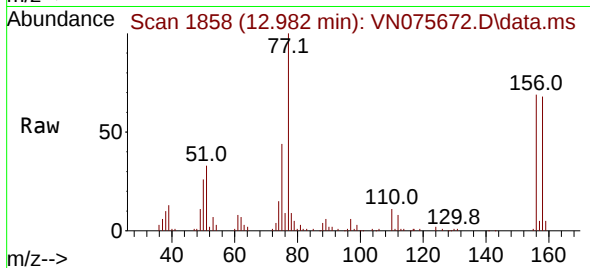
Tgt Ion:	156	Resp:	5696
Ion Ratio	Lower	Upper	
156	100		
77	179.0	90.8	272.5
158	98.0	49.3	147.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2022

Supervised By :Mahesh Dadoda 12/12/2022



#78

n-propylbenzene

Concen: 20.311 ug/l

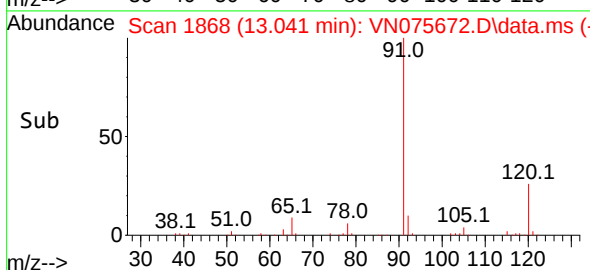
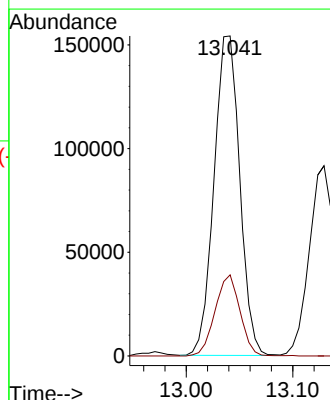
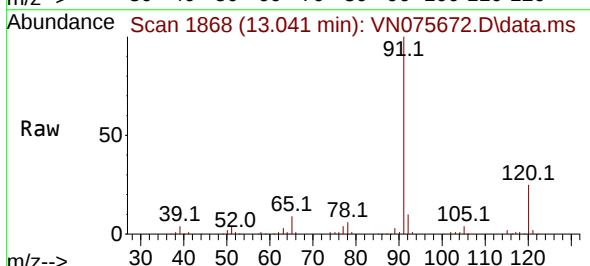
RT: 13.041 min Scan# 1868

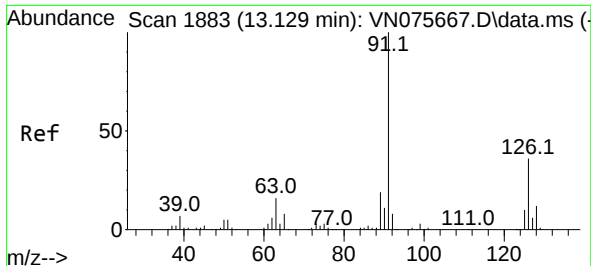
Delta R.T. 0.000 min

Lab File: VN075672.D

Acq: 09 Dec 2022 17:19

Tgt Ion:	91	Resp:	258383
Ion Ratio	Lower	Upper	
91	100		
120	24.6	12.1	36.3





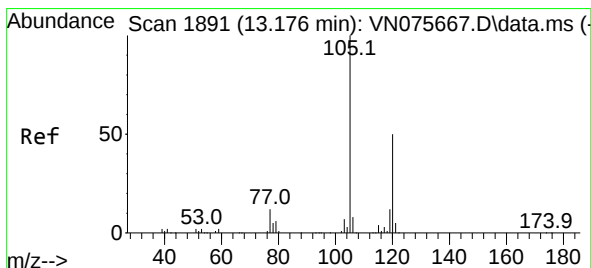
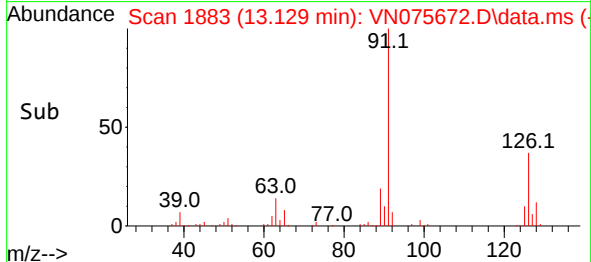
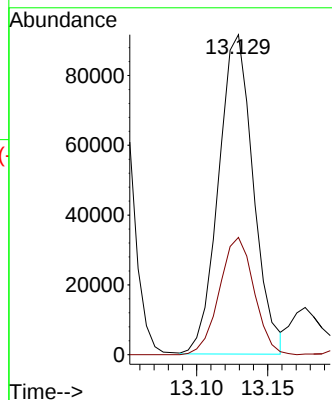
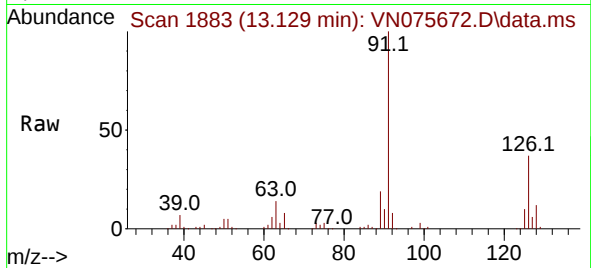
#79
2-Chlorotoluene
Concen: 19.887 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075672.D
Acq: 09 Dec 2022 17:19

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01

Tgt Ion: 91 Resp: 156189
Ion Ratio Lower Upper
91 100
126 36.5 17.8 53.4

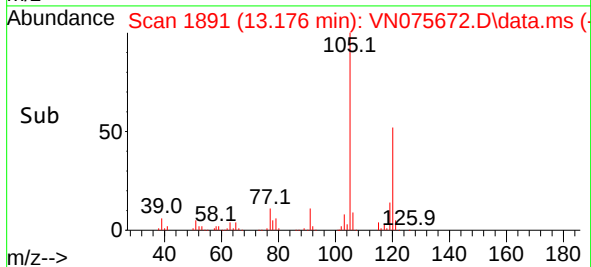
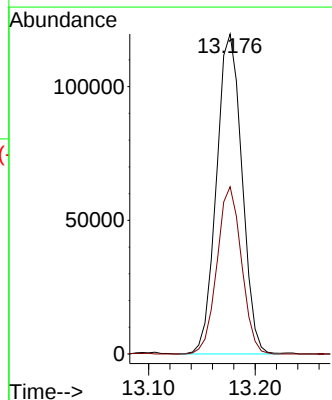
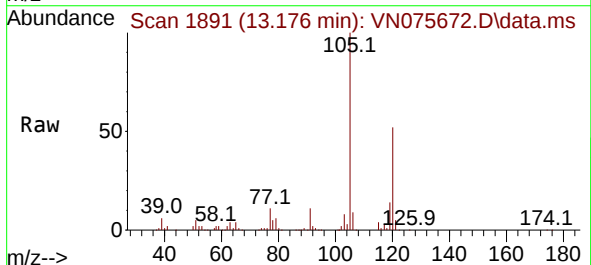
Manual Integrations
APPROVED

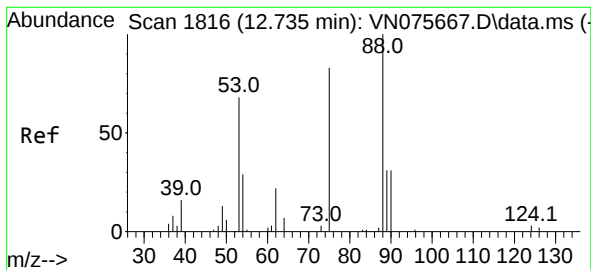
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#80
1,3,5-Trimethylbenzene
Concen: 20.712 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075672.D
Acq: 09 Dec 2022 17:19

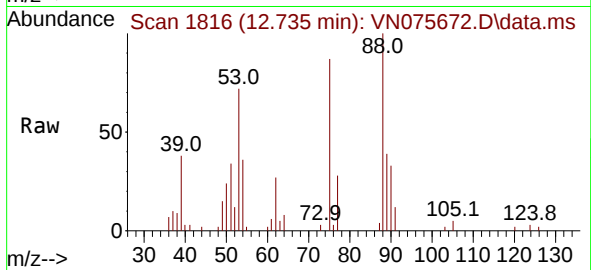
Tgt Ion:105 Resp: 198518
Ion Ratio Lower Upper
105 100
120 50.2 24.9 74.6





#81
trans-1,4-Dichloro-2-butene
Concen: 18.464 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN075672.D
Acq: 09 Dec 2022 17:19

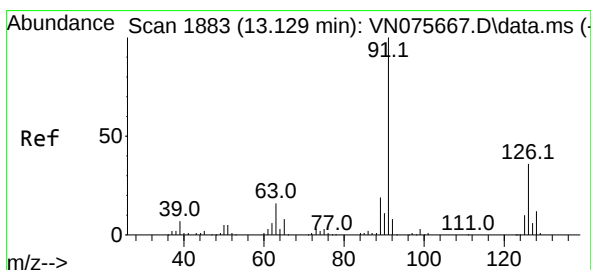
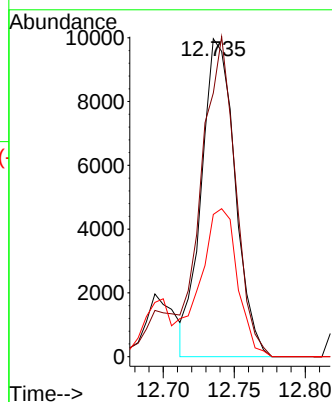
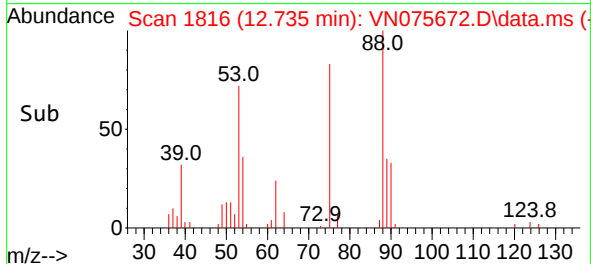
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01



Tgt Ion: 75 Resp: 16410
Ion Ratio Lower Upper
75 100
53 114.7 72.4 108.6
89 50.2 36.6 55.0

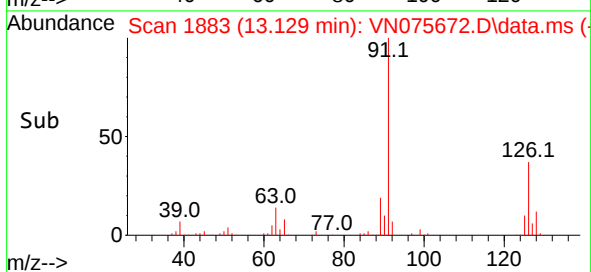
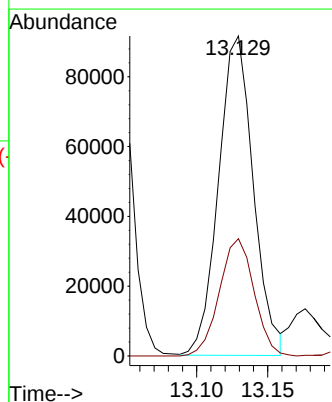
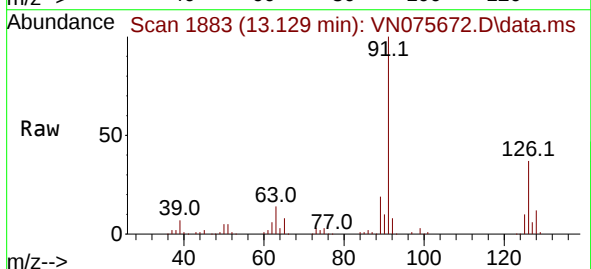
Manual Integrations
APPROVED

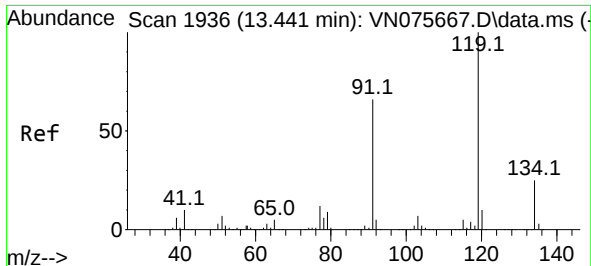
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#82
4-Chlorotoluene
Concen: 19.887 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075672.D
Acq: 09 Dec 2022 17:19

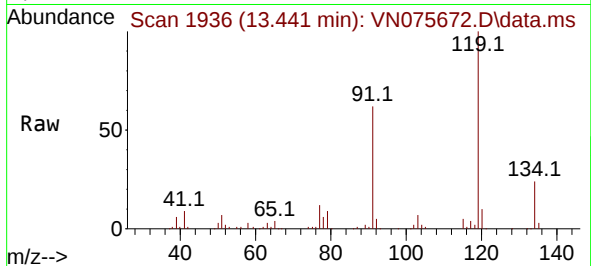
Tgt Ion: 91 Resp: 156189
Ion Ratio Lower Upper
91 100
126 36.5 17.8 53.4





#83
tert-Butylbenzene
Concen: 20.200 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075672.D
Acq: 09 Dec 2022 17:19

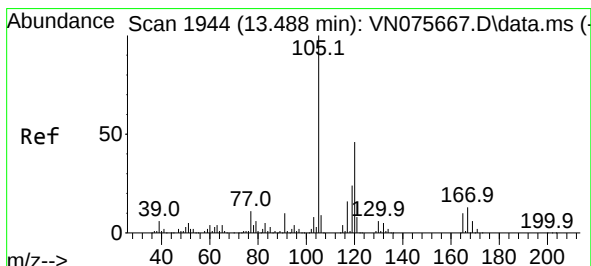
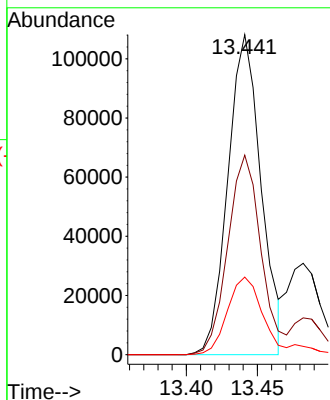
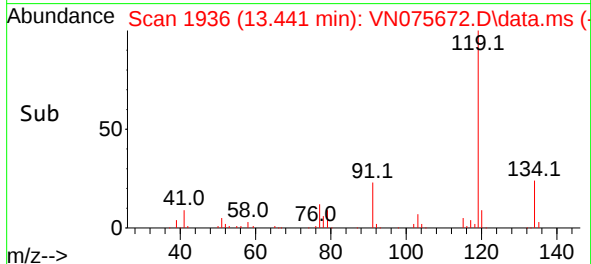
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01



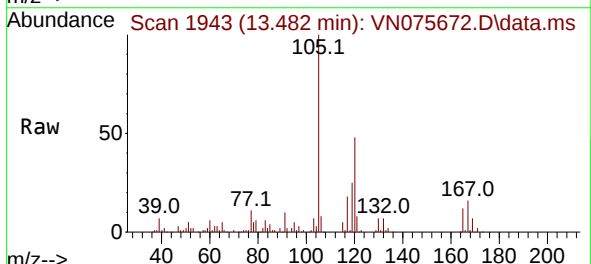
Tgt Ion:119 Resp: 175570
Ion Ratio Lower Upper
119 100
91 62.9 31.9 95.9
134 25.4 13.9 41.7

Manual Integrations
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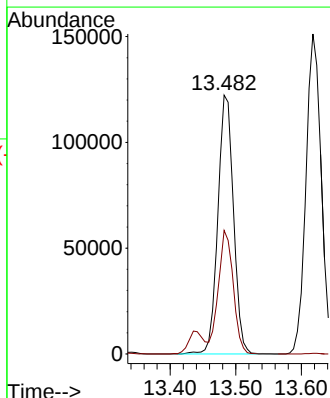
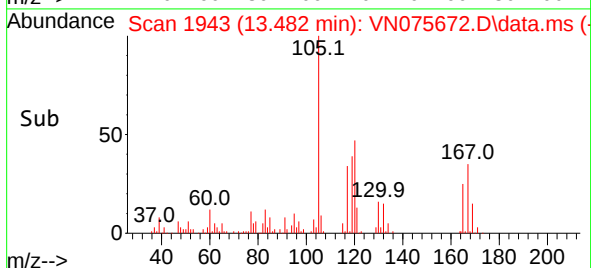
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

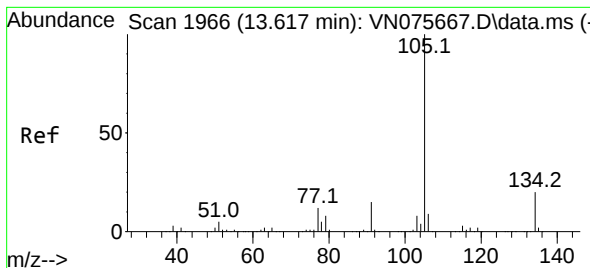


#84
1,2,4-Trimethylbenzene
Concen: 20.940 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. -0.006 min
Lab File: VN075672.D
Acq: 09 Dec 2022 17:19



Tgt Ion:105 Resp: 201719
Ion Ratio Lower Upper
105 100
120 45.1 23.1 69.2





#85

sec-Butylbenzene

Concen: 20.346 ug/l

RT: 13.618 min Scan# 1966

Delta R.T. 0.000 min

Lab File: VN075672.D

Acq: 09 Dec 2022 17:19

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBS01

Tgt Ion:105 Resp: 243119

Ion Ratio Lower Upper

105 100

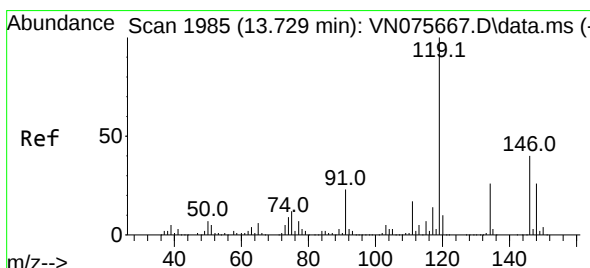
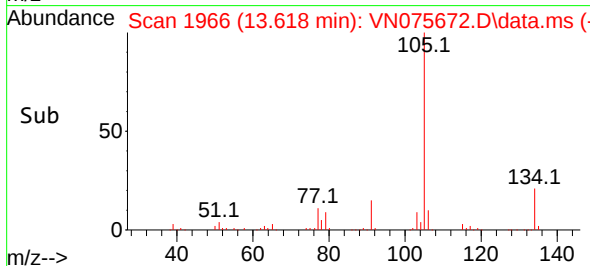
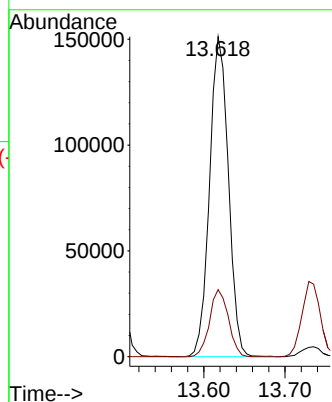
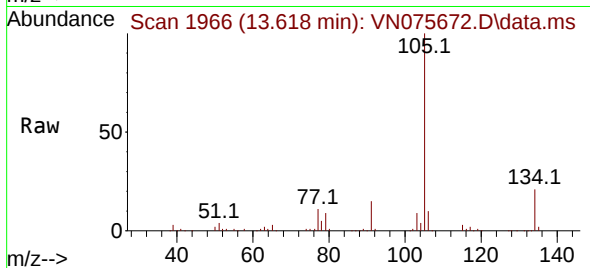
134 20.9 10.2 30.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2022

Supervised By :Mahesh Dadoda 12/12/2022



#86

p-Isopropyltoluene

Concen: 20.623 ug/l

RT: 13.729 min Scan# 1985

Delta R.T. 0.000 min

Lab File: VN075672.D

Acq: 09 Dec 2022 17:19

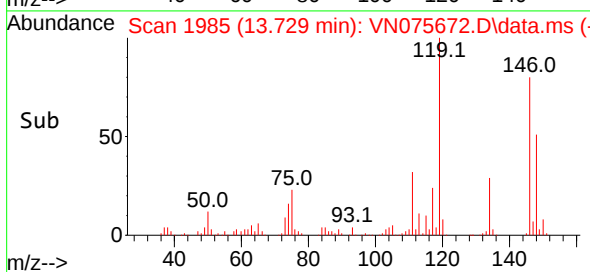
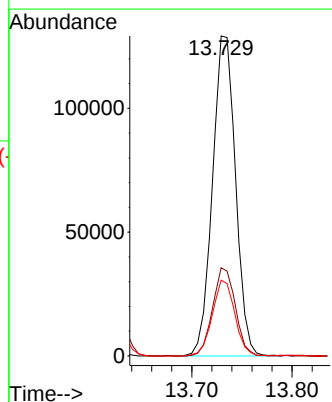
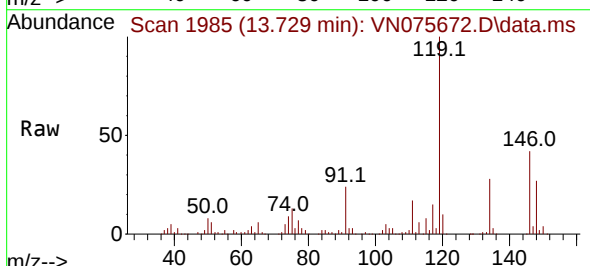
Tgt Ion:119 Resp: 206199

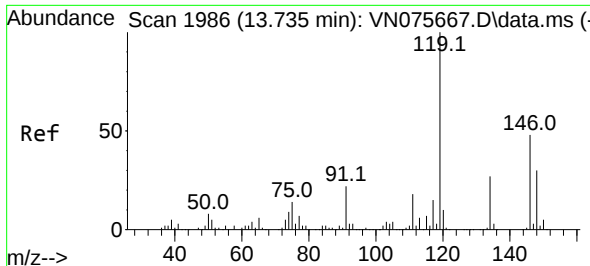
Ion Ratio Lower Upper

119 100

134 27.1 13.3 39.9

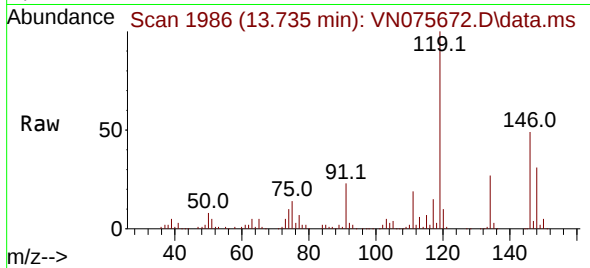
91 23.2 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 19.600 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN075672.D
Acq: 09 Dec 2022 17:19

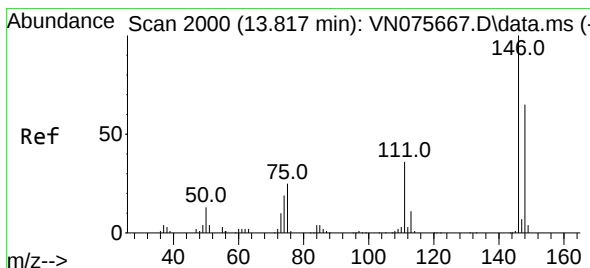
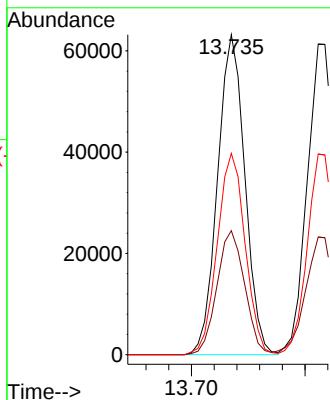
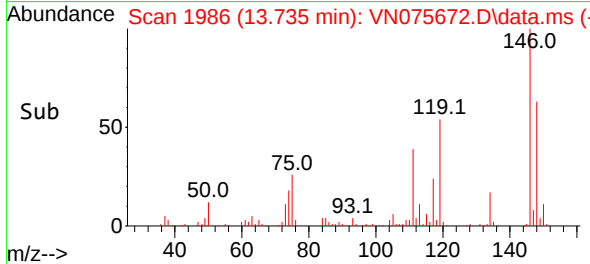
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01



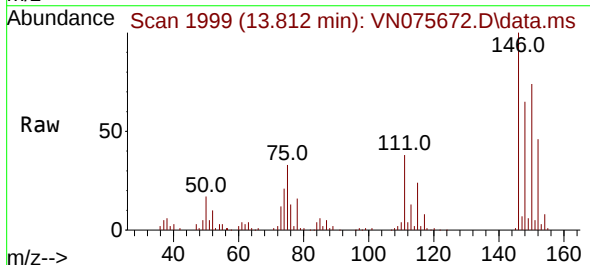
Tgt Ion:146 Resp: 105682
Ion Ratio Lower Upper
146 100
111 39.3 19.8 59.3
148 64.1 32.1 96.3

Manual Integrations
APPROVED

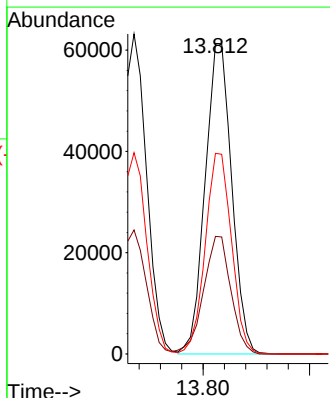
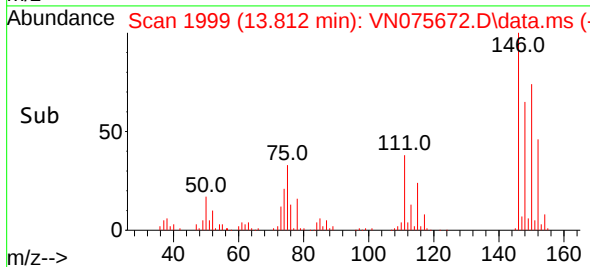
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

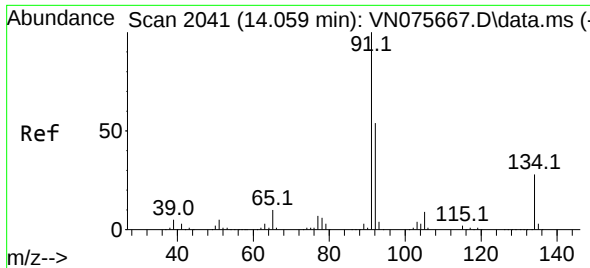


#88
1,4-Dichlorobenzene
Concen: 19.414 ug/l
RT: 13.812 min Scan# 1999
Delta R.T. -0.006 min
Lab File: VN075672.D
Acq: 09 Dec 2022 17:19



Tgt Ion:146 Resp: 106474
Ion Ratio Lower Upper
146 100
111 38.9 19.1 57.1
148 63.8 32.1 96.3





#89

n-Butylbenzene

Concen: 19.972 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. 0.000 min

Lab File: VN075672.D

Acq: 09 Dec 2022 17:19

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBS01

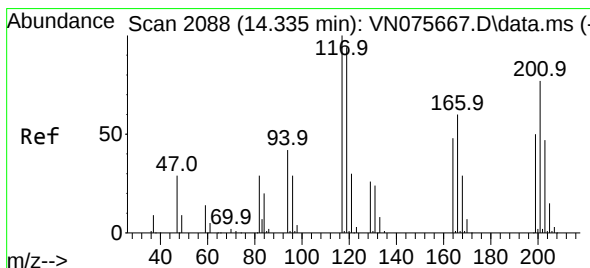
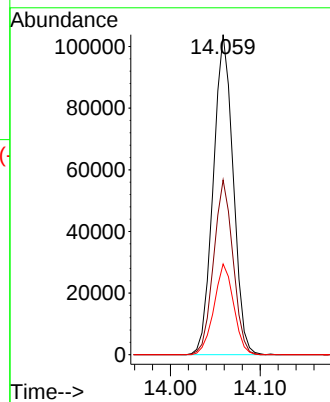
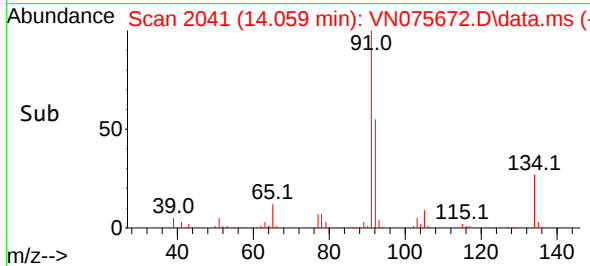
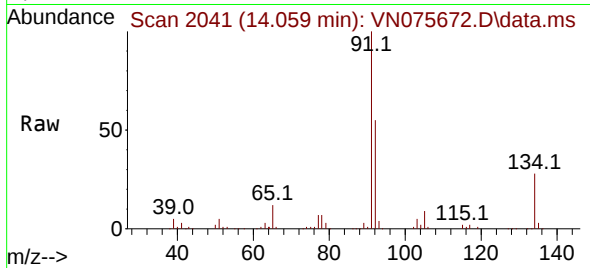
Tgt Ion: 91 Resp: 160049
 Ion Ratio Lower Upper
 91 100
 92 53.1 26.7 80.1
 134 28.0 13.9 41.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2022

Supervised By :Mahesh Dadoda 12/12/2022



#90

Hexachloroethane

Concen: 20.511 ug/l

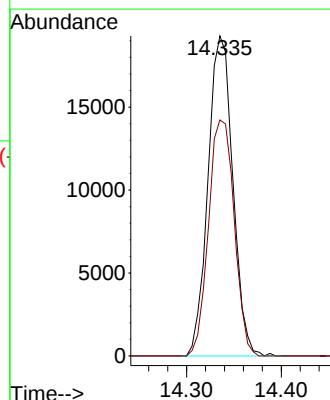
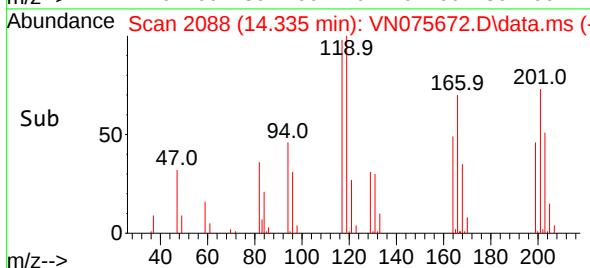
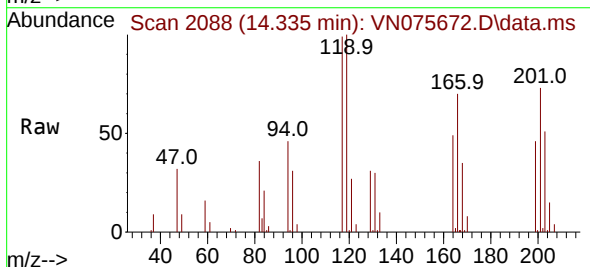
RT: 14.335 min Scan# 2088

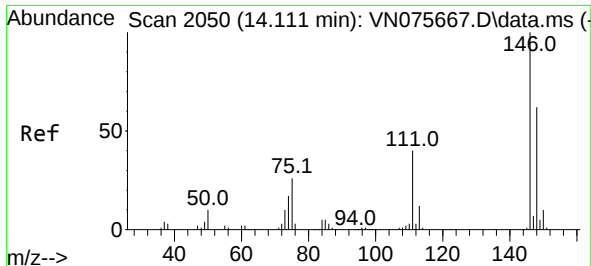
Delta R.T. 0.000 min

Lab File: VN075672.D

Acq: 09 Dec 2022 17:19

Tgt Ion:117 Resp: 35127
 Ion Ratio Lower Upper
 117 100
 201 76.2 39.2 117.6





#91

1,2-Dichlorobenzene

Concen: 19.673 ug/l

RT: 14.106 min Scan# 2050

Delta R.T. -0.006 min

Lab File: VN075672.D

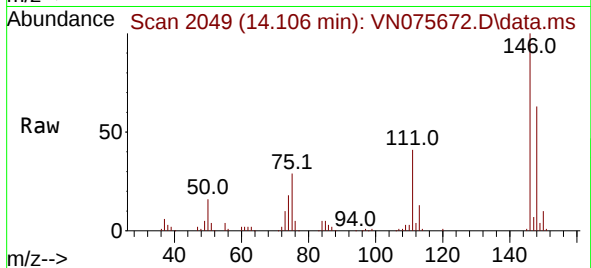
Acq: 09 Dec 2022 17:19

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBS01



Tgt Ion:146 Resp: 105548

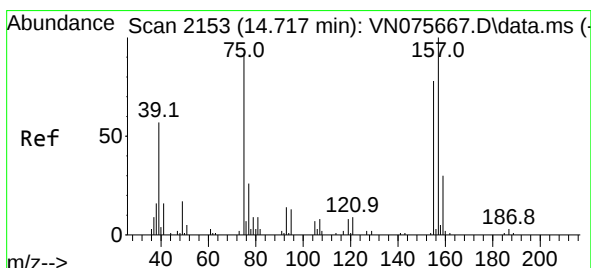
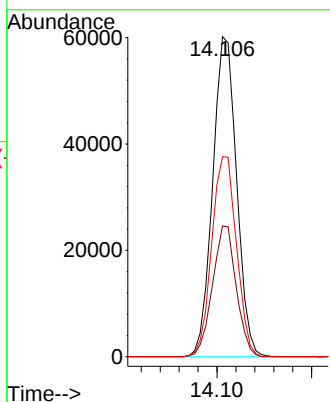
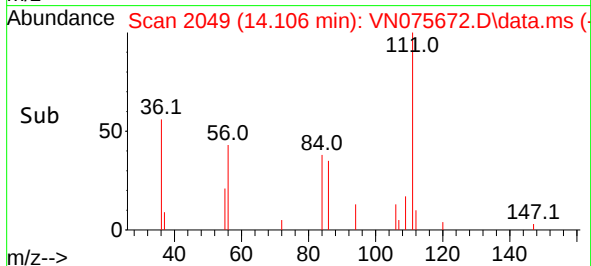
Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.1	60.3
148	64.7	31.9	95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2022

Supervised By :Mahesh Dadoda 12/12/2022



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.307 ug/l

RT: 14.717 min Scan# 2153

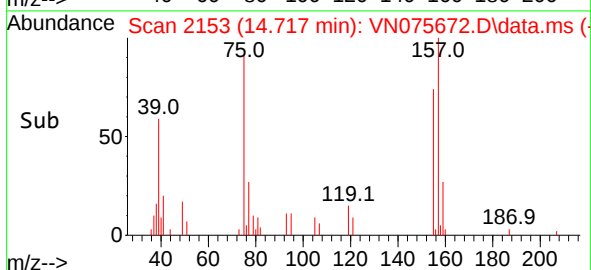
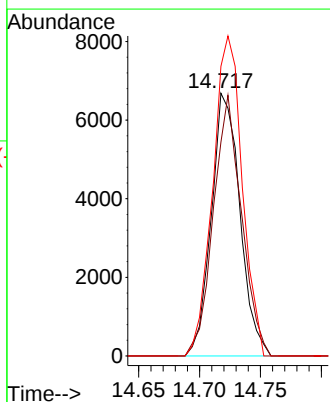
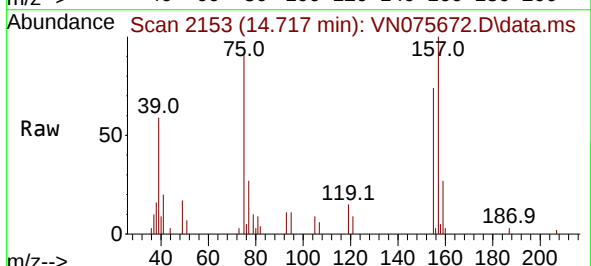
Delta R.T. 0.000 min

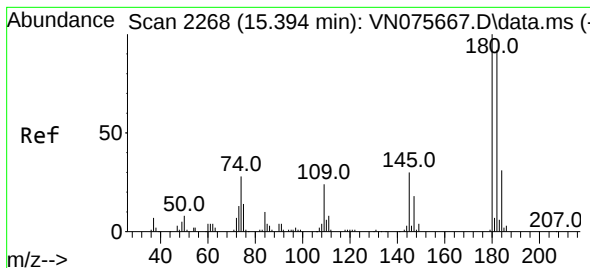
Lab File: VN075672.D

Acq: 09 Dec 2022 17:19

Tgt Ion: 75 Resp: 10926

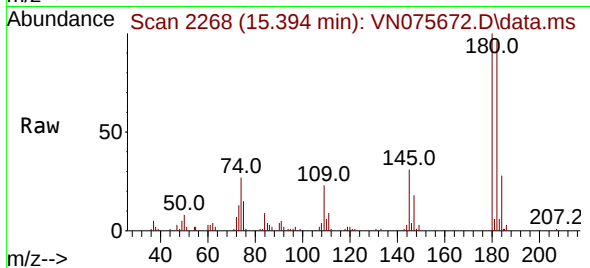
Ion	Ratio	Lower	Upper
75	100		
155	97.7	48.4	145.2
157	125.4	63.5	190.6





#93
1,2,4-Trichlorobenzene
Concen: 20.779 ug/l
RT: 15.394 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN075672.D
Acq: 09 Dec 2022 17:19

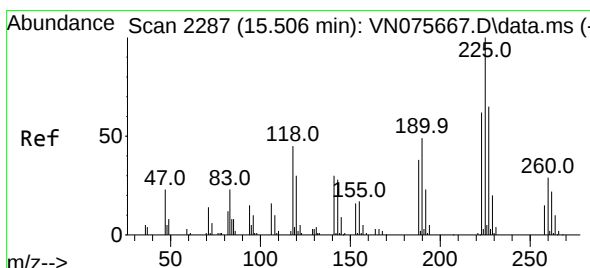
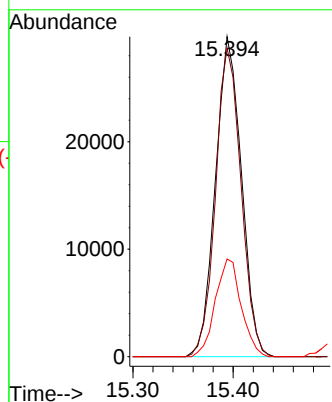
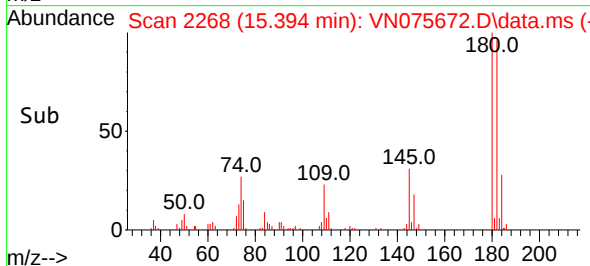
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01



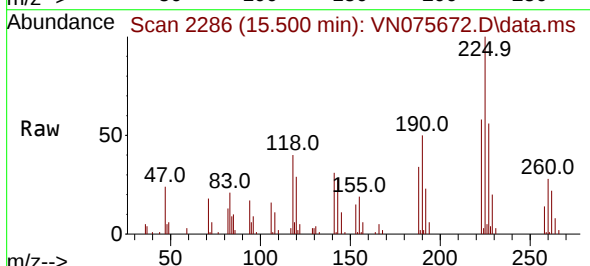
Tgt Ion:180 Resp: 5352
Ion Ratio Lower Upper
180 100
182 94.8 47.1 141.3
145 30.4 15.2 45.5

Manual Integrations
APPROVED

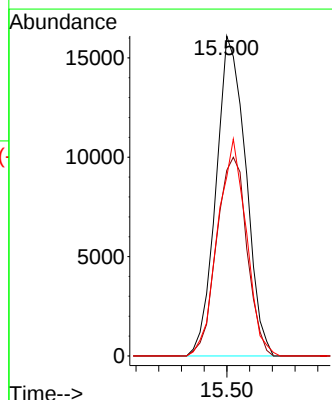
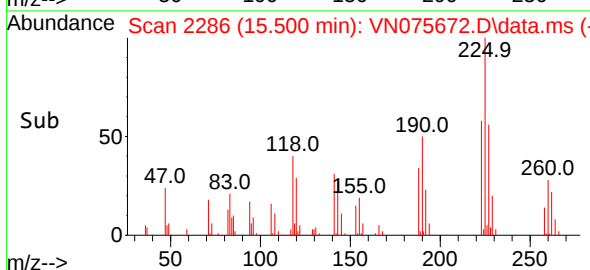
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

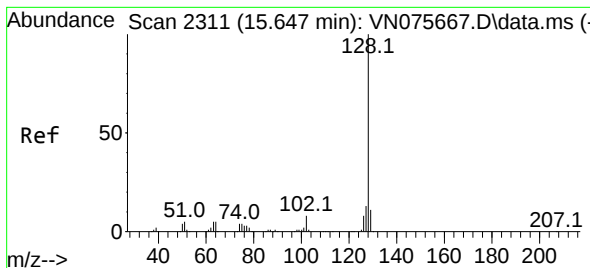


#94
Hexachlorobutadiene
Concen: 19.977 ug/l
RT: 15.500 min Scan# 2286
Delta R.T. -0.006 min
Lab File: VN075672.D
Acq: 09 Dec 2022 17:19



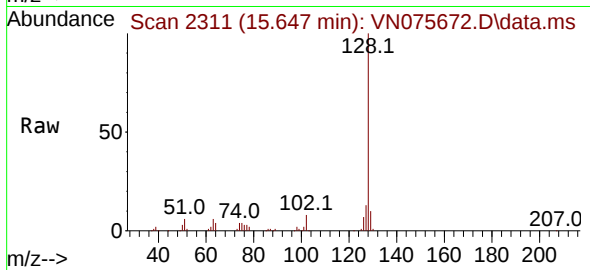
Tgt Ion:225 Resp: 29196
Ion Ratio Lower Upper
225 100
223 63.7 31.4 94.2
227 65.5 31.3 93.9





#95
Naphthalene
Concen: 19.420 ug/l
RT: 15.647 min Scan# 2311
Delta R.T. 0.000 min
Lab File: VN075672.D
Acq: 09 Dec 2022 17:19

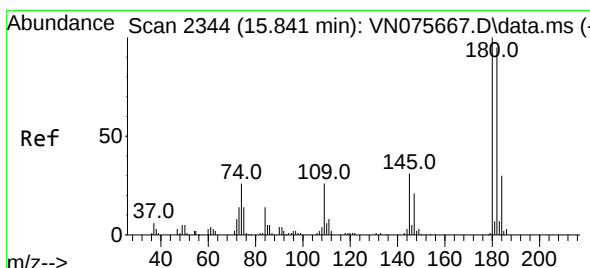
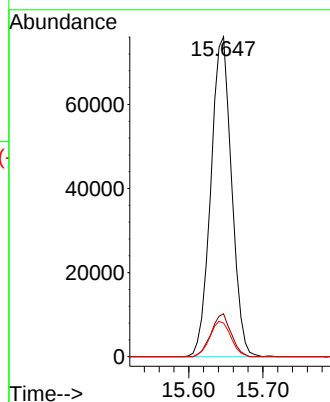
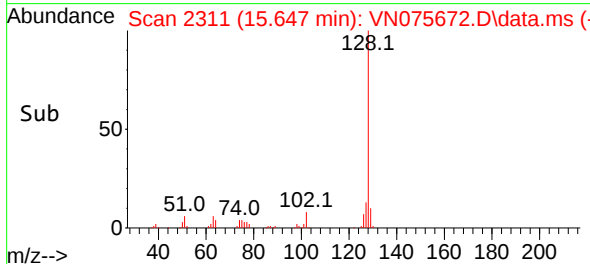
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01



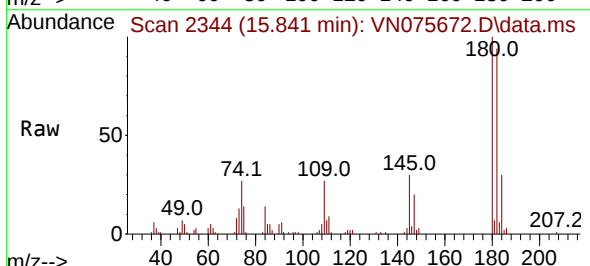
Tgt Ion:128 Resp: 14784
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 11.2 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#96
1,2,3-Trichlorobenzene
Concen: 19.815 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. 0.000 min
Lab File: VN075672.D
Acq: 09 Dec 2022 17:19



Tgt Ion:180 Resp: 50154
Ion Ratio Lower Upper
180 100
182 97.7 46.8 140.4
145 32.6 15.6 46.8

