

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111622\
 Data File : VN075287.D
 Acq On : 16 Nov 2022 14:28
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/17/2022
 Supervised By : Mahesh Dadoda 11/17/2022

Quant Time: Nov 17 04:28:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	140680	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	230892	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	212889	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	117086	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	72031	38.001	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	76.000%		
35) Dibromofluoromethane	8.171	113	67725	49.965	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.920%		
50) Toluene-d8	10.571	98	236432	44.959	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	89.920%		
62) 4-Bromofluorobenzene	12.847	95	93242	50.474	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.940%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	83979	45.888	ug/l	99
3) Chloromethane	2.371	50	77362	39.798	ug/l	99
4) Vinyl Chloride	2.524	62	105567	38.068	ug/l	95
5) Bromomethane	2.918	94	84071	41.528	ug/l	98
6) Chloroethane	3.089	64	77382	38.914	ug/l	94
7) Trichlorofluoromethane	3.483	101	145712	51.437	ug/l	99
8) Diethyl Ether	3.971	74	54475	52.721	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	85346	54.553	ug/l	95
10) Methyl Iodide	4.594	142	131208	56.335	ug/l	95
11) Tert butyl alcohol	5.541	59	95505	216.057	ug/l	98
12) 1,1-Dichloroethene	4.347	96	78338	52.532	ug/l	92
13) Acrolein	4.189	56	66389	183.618	ug/l	97
14) Allyl chloride	5.024	41	108850	49.978	ug/l	94
15) Acrylonitrile	5.730	53	229556	245.838	ug/l	97
16) Acetone	4.436	43	205430	255.955	ug/l	95
17) Carbon Disulfide	4.712	76	185698	49.518	ug/l	99
18) Methyl Acetate	5.036	43	127515	48.639	ug/l	97
19) Methyl tert-butyl Ether	5.806	73	288834	52.112	ug/l	99
20) Methylene Chloride	5.283	84	92563	51.725	ug/l	93
21) trans-1,2-Dichloroethene	5.789	96	85918	52.621	ug/l	97
22) Diisopropyl ether	6.677	45	243699	50.703	ug/l	97
23) Vinyl Acetate	6.606	43	978036m	243.680	ug/l	
24) 1,1-Dichloroethane	6.571	63	151031	49.684	ug/l	97
25) 2-Butanone	7.488	43	300220	237.815	ug/l	99
26) 2,2-Dichloropropane	7.494	77	137644	49.220	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	105463	54.087	ug/l	94
28) Bromochloromethane	7.818	49	50128	39.119	ug/l	85
29) Tetrahydrofuran	7.841	42	189182	231.910	ug/l	99
30) Chloroform	7.971	83	167968	50.892	ug/l	96
31) Cyclohexane	8.265	56	134093	47.565	ug/l	97
32) 1,1,1-Trichloroethane	8.171	97	155642	51.930	ug/l	97
36) 1,1-Dichloropropene	8.377	75	124732	59.439	ug/l	97
37) Ethyl Acetate	7.565	43	111803	48.581	ug/l	98
38) Carbon Tetrachloride	8.365	117	137935	59.755	ug/l	97
39) Methylcyclohexane	9.600	83	163751	59.109	ug/l	99
40) Benzene	8.606	78	370340	57.638	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	57605	52.246	ug/l	95
42) 1,2-Dichloroethane	8.677	62	127725	54.639	ug/l	96
43) Isopropyl Acetate	8.694	43	188967	52.936	ug/l	97
44) Trichloroethene	9.353	130	100042	62.061	ug/l	99
45) 1,2-Dichloropropane	9.624	63	90416	59.131	ug/l	95
46) Dibromomethane	9.712	93	69332	58.199	ug/l	92
47) Bromodichloromethane	9.888	83	132623	57.488	ug/l	99
48) Methyl methacrylate	9.682	41	86658	52.922	ug/l	96
49) 1,4-Dioxane	9.700	88	49281	1149.295	ug/l #	85
51) 4-Methyl-2-Pentanone	10.447	43	593368	257.588	ug/l	97
52) Toluene	10.629	92	252493	58.787	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	143447	58.910	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	155270	60.120	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	99618	58.494	ug/l	94
56) Ethyl methacrylate	10.876	69	147895	56.932	ug/l	98
57) 1,3-Dichloropropane	11.165	76	163477	57.641	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	236419	235.409	ug/l	96
59) 2-Hexanone	11.194	43	451941	258.501	ug/l	97
60) Dibromochloromethane	11.359	129	113859	63.369	ug/l	99
61) 1,2-Dibromoethane	11.470	107	106262	60.885	ug/l	100
64) Tetrachloroethene	11.106	164	95772	73.378	ug/l	92
65) Chlorobenzene	11.894	112	274948	60.505	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	103502	61.400	ug/l	98
67) Ethyl Benzene	11.965	91	491321	60.096	ug/l	99
68) m/p-Xylenes	12.070	106	396680	120.922	ug/l	100
69) o-Xylene	12.400	106	195174	60.161	ug/l	97
70) Styrene	12.412	104	321935	62.236	ug/l	97
71) Bromoform	12.576	173	87083	69.000	ug/l #	98
73) Isopropylbenzene	12.694	105	509270	54.179	ug/l	98
74) N-amyl acetate	12.494	43	172642	49.659	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	154045	57.246	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	129193m	51.967	ug/l	
77) Bromobenzene	12.982	156	124104	59.961	ug/l	87
78) n-propylbenzene	13.035	91	588313	55.746	ug/l	99
79) 2-Chlorotoluene	13.123	91	343971	53.337	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	446171	56.512	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	49777	51.398	ug/l	93
82) 4-Chlorotoluene	13.123	91	343971	53.337	ug/l	97
83) tert-Butylbenzene	13.441	119	394097	56.177	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	454204	56.860	ug/l	97
85) sec-Butylbenzene	13.617	105	565336	57.606	ug/l	99
86) p-Isopropyltoluene	13.729	119	486004	59.964	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	249011	61.447	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	247913	61.814	ug/l	98
89) n-Butylbenzene	14.059	91	411263	63.012	ug/l	98
90) Hexachloroethane	14.335	117	78681	52.947	ug/l	85
91) 1,2-Dichlorobenzene	14.106	146	244470	60.681	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	31768	50.104	ug/l	80
93) 1,2,4-Trichlorobenzene	15.394	180	140070	80.796	ug/l	99
94) Hexachlorobutadiene	15.500	225	67795	80.217	ug/l	98
95) Naphthalene	15.641	128	450552	67.581	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	135654	78.752	ug/l	98

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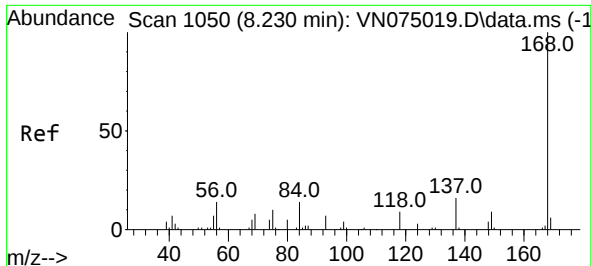
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Thu Oct 27 09:48:49 2022
Response via : Initial Calibration

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



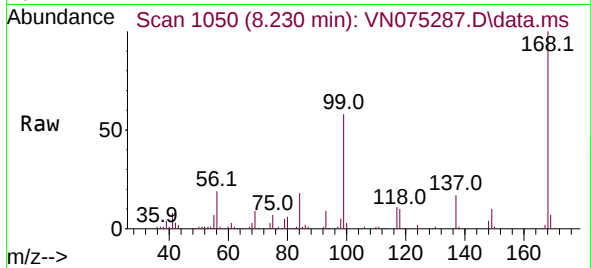
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075287.D
Acq: 16 Nov 2022 14:28

Instrument :

MSVOA_N

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VSTDCCC050



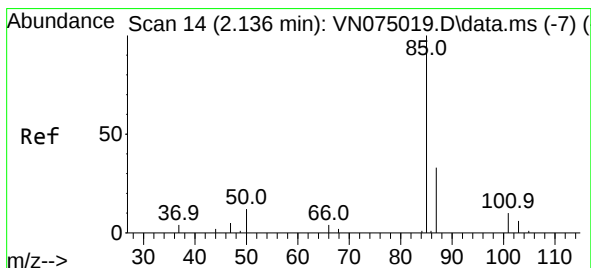
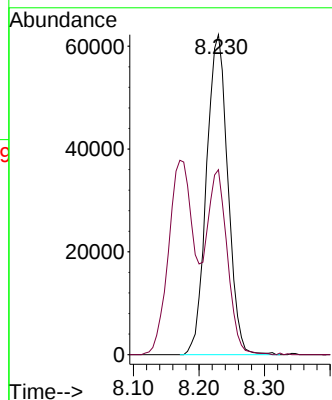
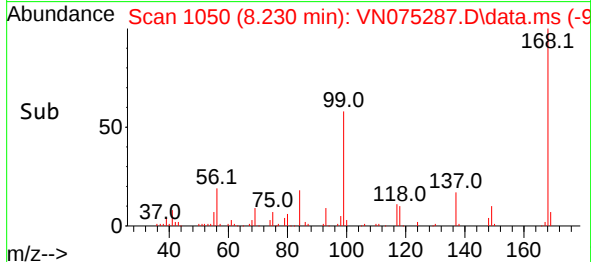
Tgt Ion:168 Resp: 140680
Ion Ratio Lower Upper
168 100
99 57.3 51.6 77.4

Manual Integrations

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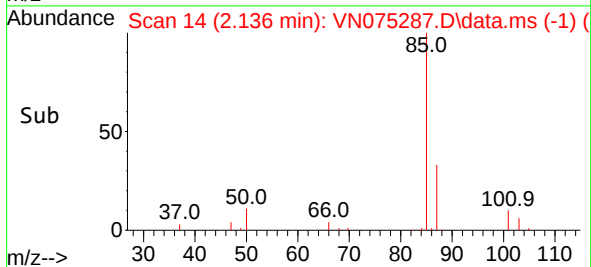
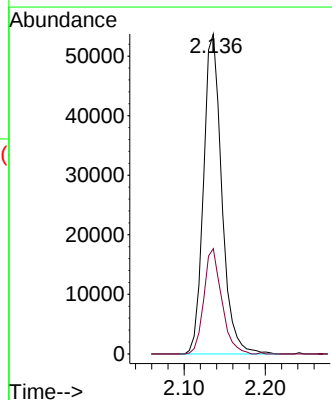
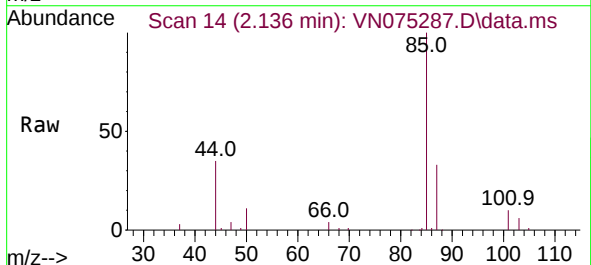
Reviewed By :John Carlone 11/17/2022

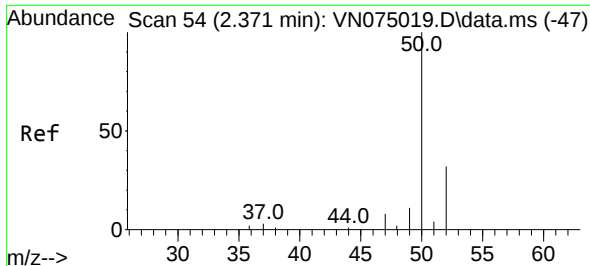
Supervised By :Mahesh Dadoda 11/17/2022



#2
Dichlorodifluoromethane
Concen: 45.888 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075287.D
Acq: 16 Nov 2022 14:28

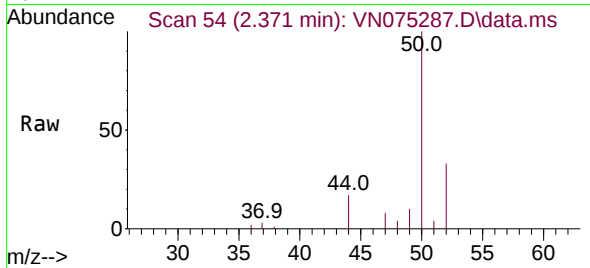
Tgt Ion: 85 Resp: 83979
Ion Ratio Lower Upper
85 100
87 32.9 16.7 50.0





#3
Chloromethane
Concen: 39.798 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075287.D
Acq: 16 Nov 2022 14:28

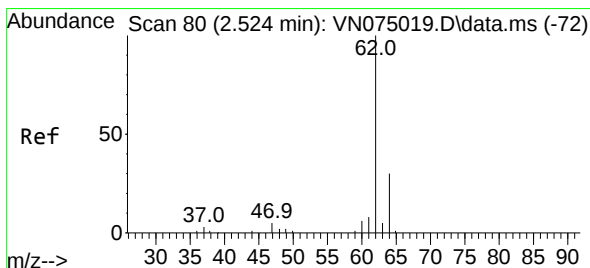
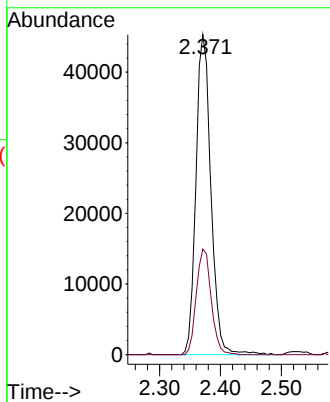
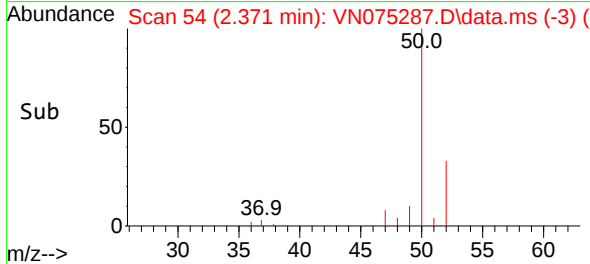
Instrument :
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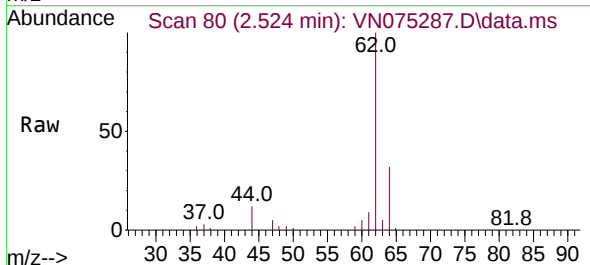
Tgt Ion: 50 Resp: 77362
Ion Ratio Lower Upper
50 100
52 33.0 25.8 38.6

Manual Integrations
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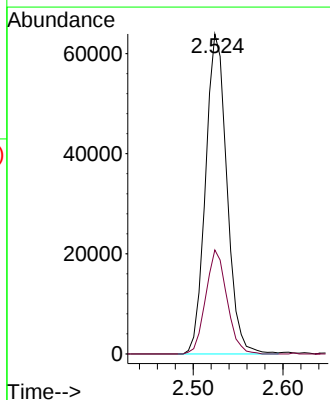
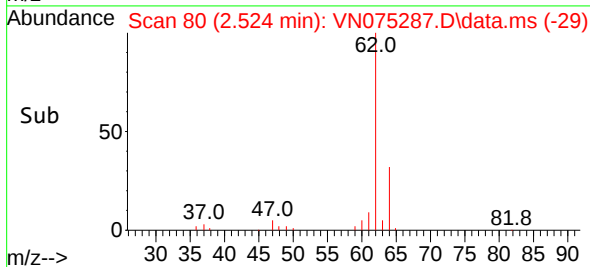
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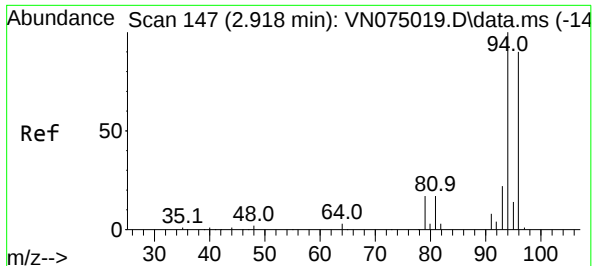


#4
Vinyl Chloride
Concen: 38.068 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075287.D
Acq: 16 Nov 2022 14:28



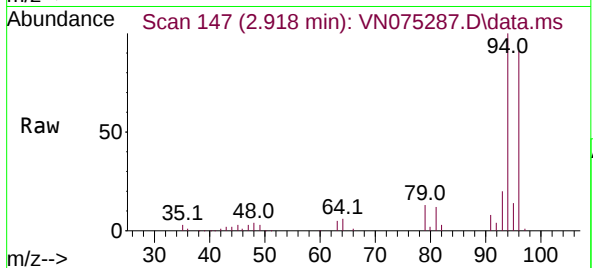
Tgt Ion: 62 Resp: 105567
Ion Ratio Lower Upper
62 100
64 32.5 24.0 36.0





#5
Bromomethane
Concen: 41.528 ug/l
RT: 2.918 min Scan# 147
Delta R.T. 0.000 min
Lab File: VN075287.D
Acq: 16 Nov 2022 14:28

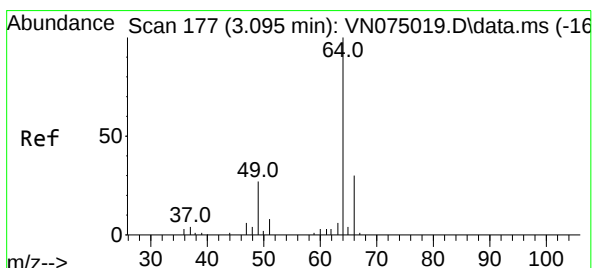
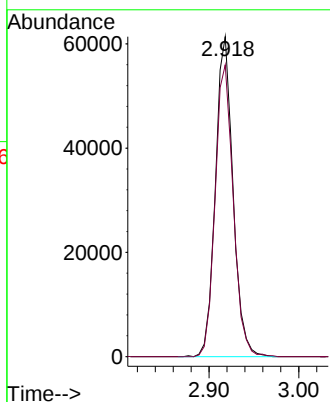
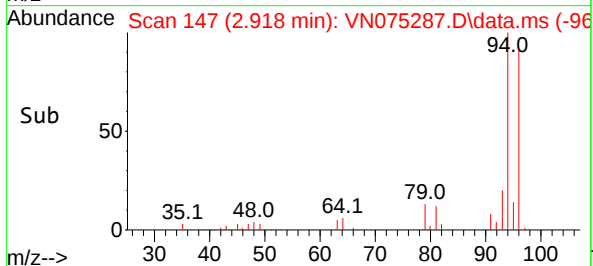
Instrument :
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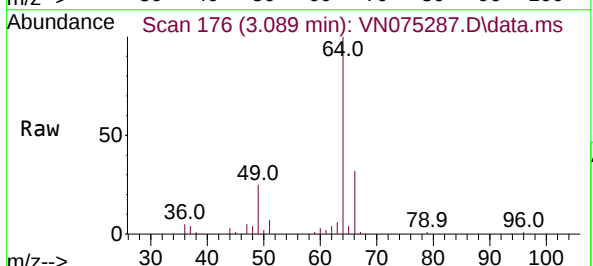
Tgt Ion: 94 Resp: 8407
Ion Ratio Lower Upper
94 100
96 91.2 71.8 107.6

Manual Integrations
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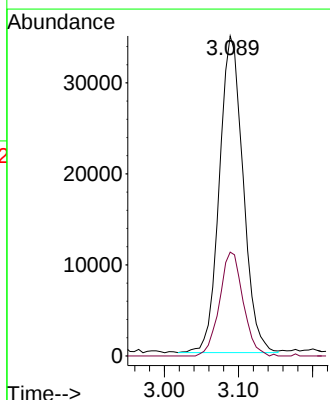
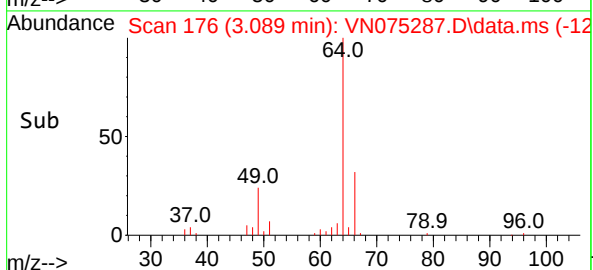
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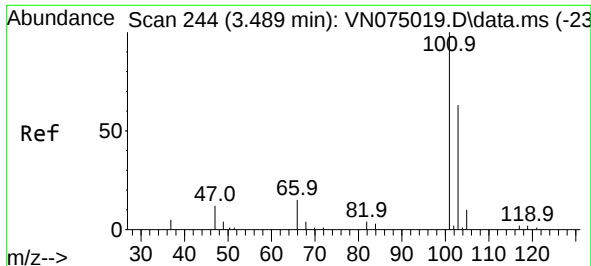


#6
Chloroethane
Concen: 38.914 ug/l
RT: 3.089 min Scan# 176
Delta R.T. -0.006 min
Lab File: VN075287.D
Acq: 16 Nov 2022 14:28



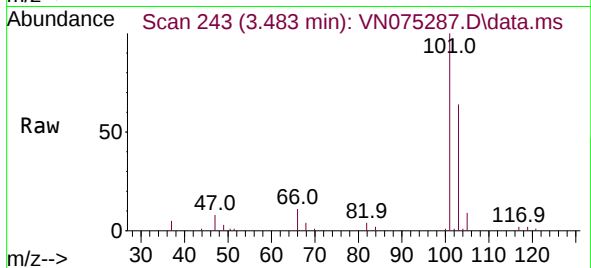
Tgt Ion: 64 Resp: 77382
Ion Ratio Lower Upper
64 100
66 32.8 23.8 35.8





#7
Trichlorofluoromethane
Concen: 51.437 ug/l
RT: 3.483 min Scan# 244
Delta R.T. -0.006 min
Lab File: VN075287.D
Acq: 16 Nov 2022 14:28

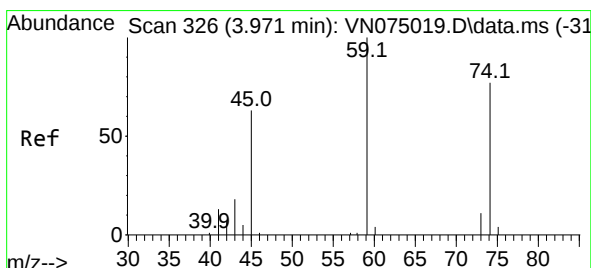
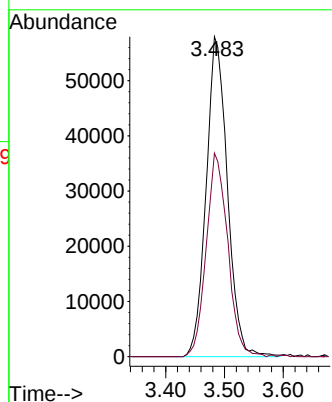
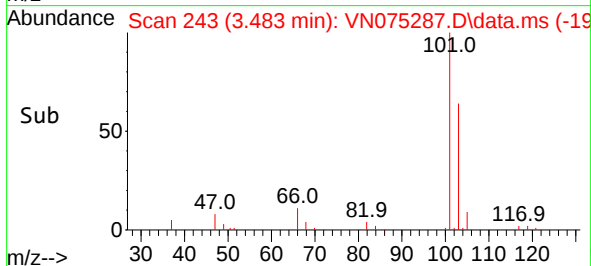
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 145712
Ion Ratio Lower Upper
101 100
103 63.6 50.5 75.7

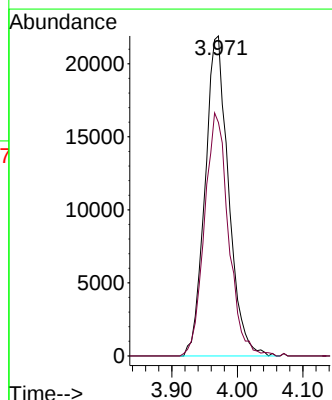
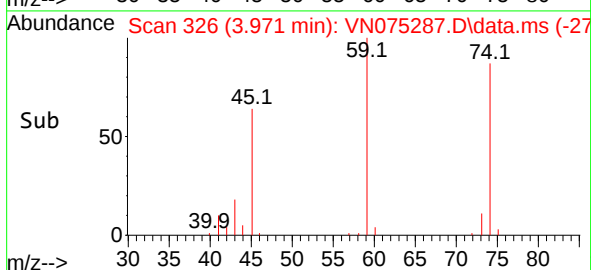
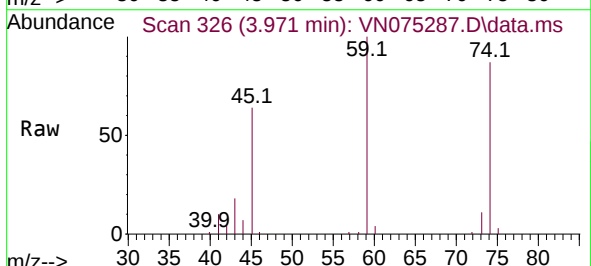
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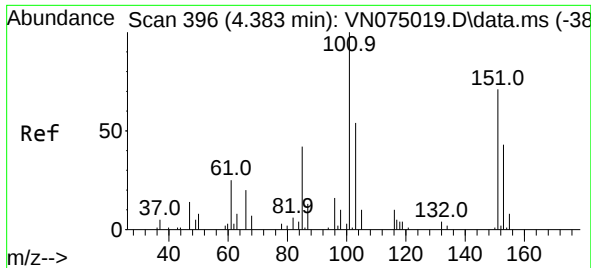
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#8
Diethyl Ether
Concen: 52.721 ug/l
RT: 3.971 min Scan# 326
Delta R.T. -0.000 min
Lab File: VN075287.D
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Tgt Ion: 74 Resp: 54475
Ion Ratio Lower Upper
74 100
45 77.8 39.3 117.9





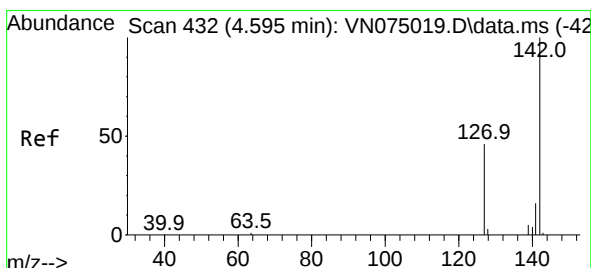
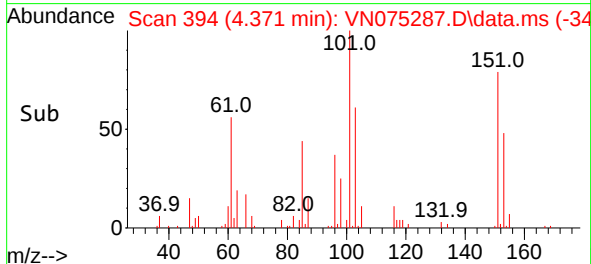
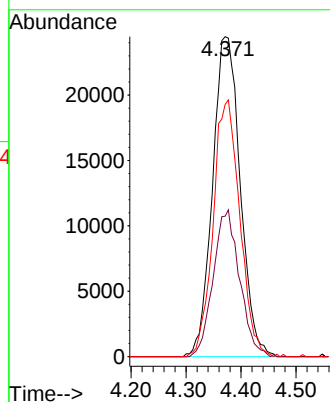
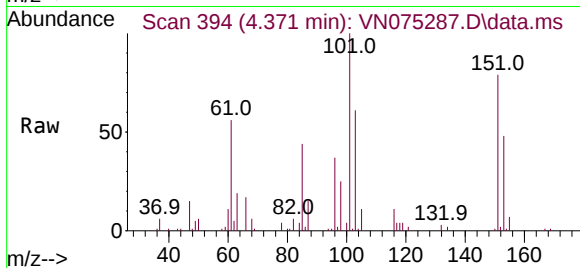
#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.553 ug/l
RT: 4.371 min Scan# 396
Delta R.T. -0.012 min
Lab File: VN075287.D
Acq: 16 Nov 2022 14:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 85346
Ion Ratio Lower Upper
101 100
85 43.8 37.6 56.4
151 77.3 58.3 87.5

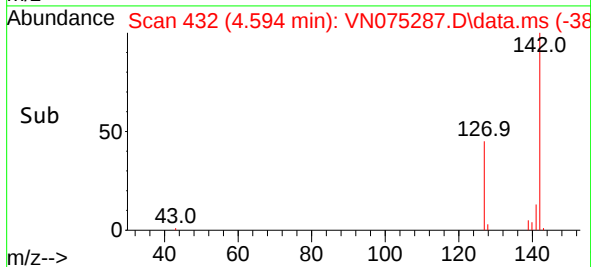
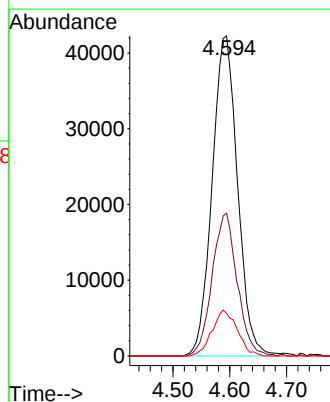
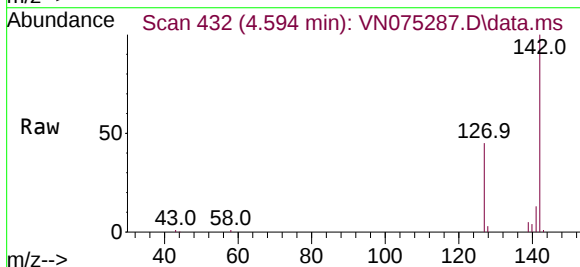
Manual Integrations
APPROVED

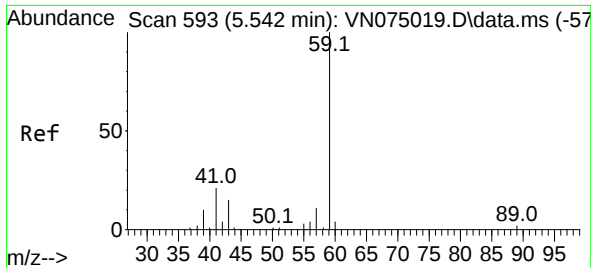
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#10
Methyl Iodide
Concen: 56.335 ug/l
RT: 4.594 min Scan# 432
Delta R.T. -0.001 min
Lab File: VN075287.D
Acq: 16 Nov 2022 14:28

Tgt Ion:142 Resp: 131208
Ion Ratio Lower Upper
142 100
127 43.8 38.0 57.0
141 14.2 12.2 18.4





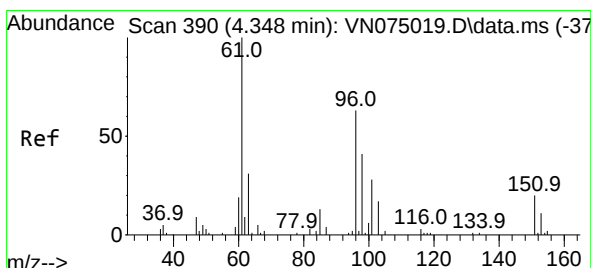
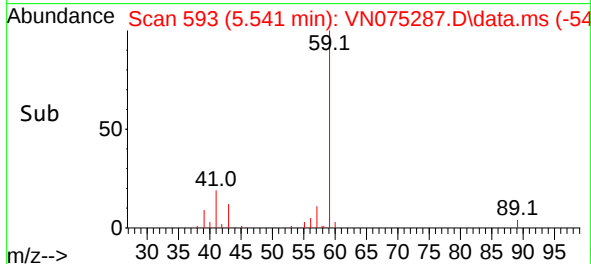
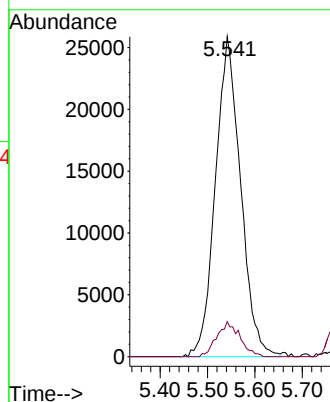
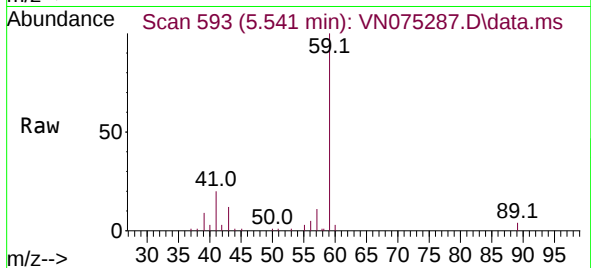
#11
Tert butyl alcohol
Concen: 216.057 ug/l
RT: 5.541 min Scan# 593
Delta R.T. -0.001 min
Lab File: VN075287.D
Acq: 16 Nov 2022 14:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 95505
Ion Ratio Lower Upper
59 100
57 10.0 8.5 12.7

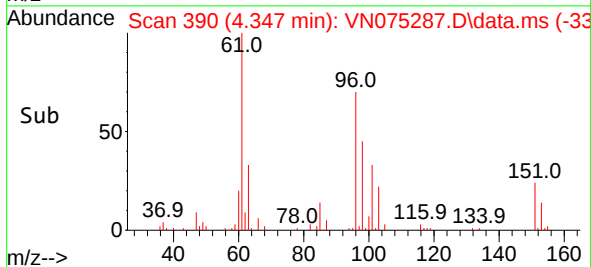
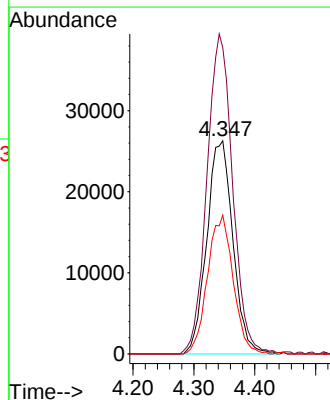
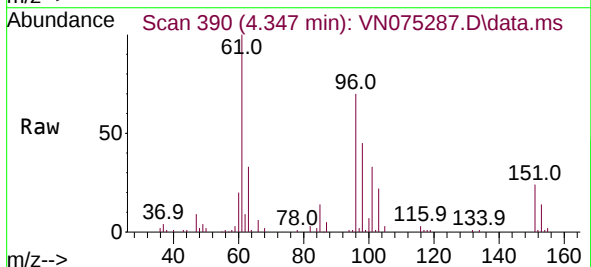
Manual Integrations
APPROVED

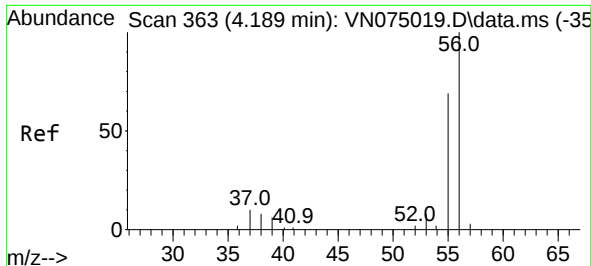
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#12
1,1-Dichloroethene
Concen: 52.532 ug/l
RT: 4.347 min Scan# 390
Delta R.T. -0.001 min
Lab File: VN075287.D
Acq: 16 Nov 2022 14:28

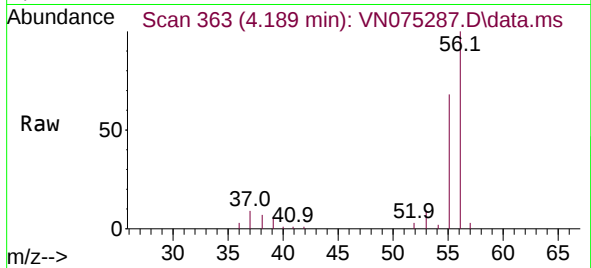
Tgt Ion: 96 Resp: 78338
Ion Ratio Lower Upper
96 100
61 143.8 126.2 189.4
98 65.1 51.5 77.3





#13
Acrolein
Concen: 183.618 ug/l
RT: 4.189 min Scan# 363
Delta R.T. -0.000 min
Lab File: VN075287.D
Acq: 16 Nov 2022 14:28

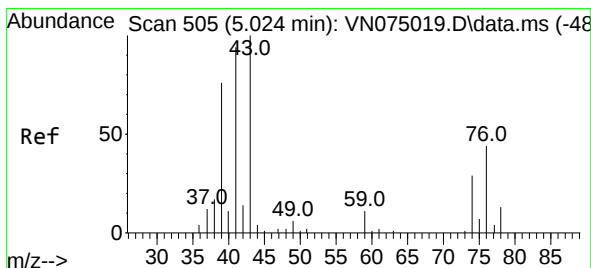
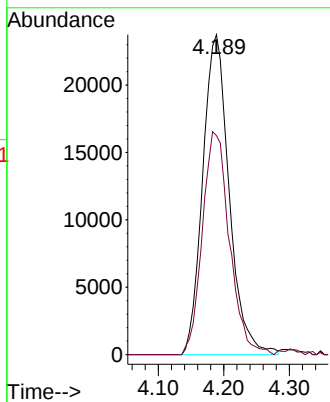
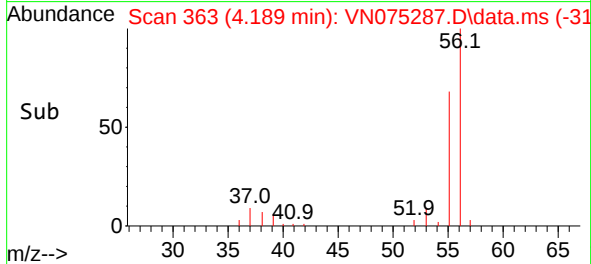
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



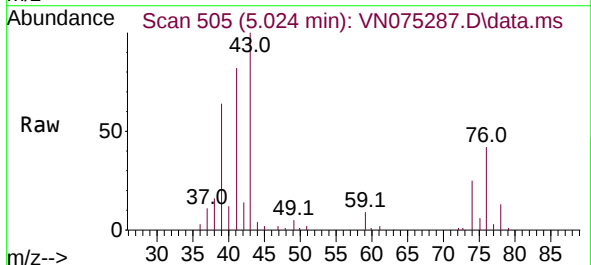
Tgt Ion: 56 Resp: 66389
Ion Ratio Lower Upper
56 100
55 71.3 55.2 82.8

Manual Integrations
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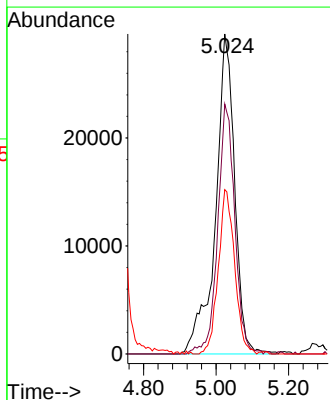
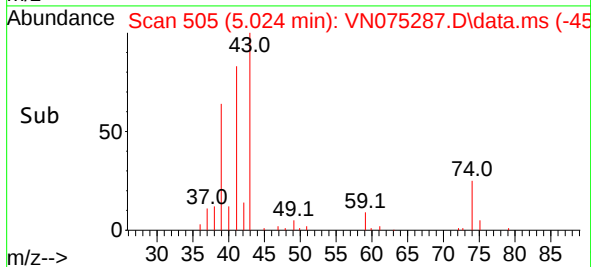
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022

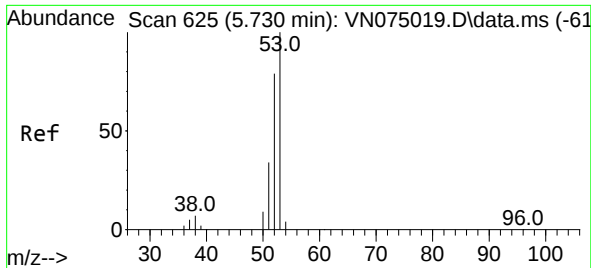


#14
Allyl chloride
Concen: 49.978 ug/l
RT: 5.024 min Scan# 505
Delta R.T. -0.000 min
Lab File: VN075287.D
Acq: 16 Nov 2022 14:28



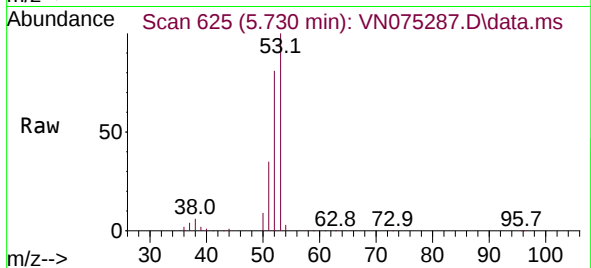
Tgt Ion: 41 Resp: 108850
Ion Ratio Lower Upper
41 100
39 69.4 61.0 91.4
76 43.6 33.4 50.0





#15
Acrylonitrile
Concen: 245.838 ug/l
RT: 5.730 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN075287.D
Acq: 16 Nov 2022 14:28

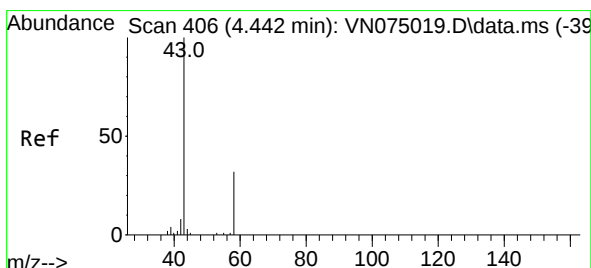
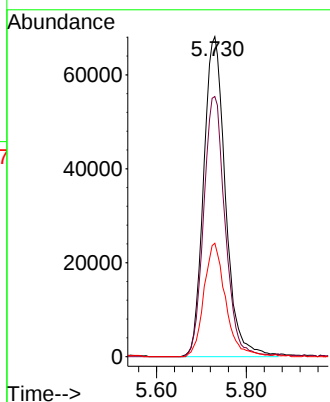
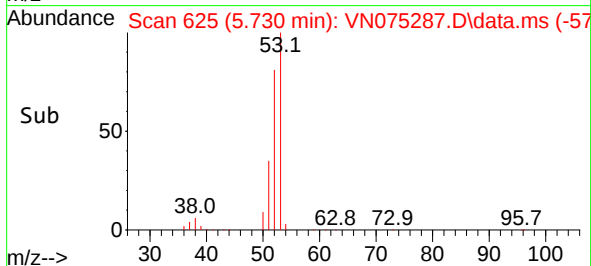
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 229556
Ion Ratio Lower Upper
53 100
52 79.9 66.4 99.6
51 35.3 29.6 44.4

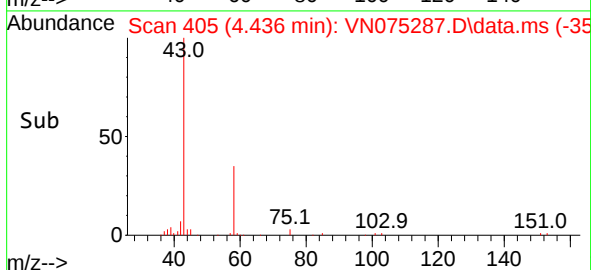
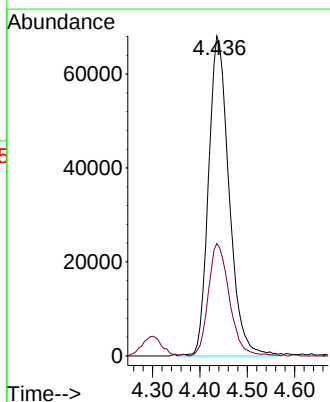
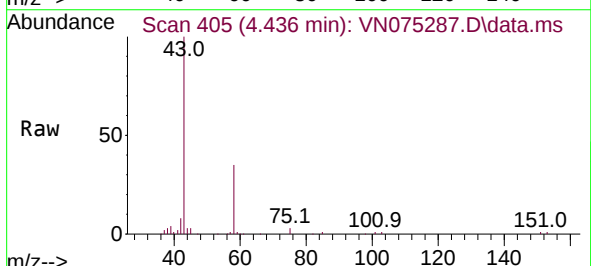
Manual Integrations
APPROVED

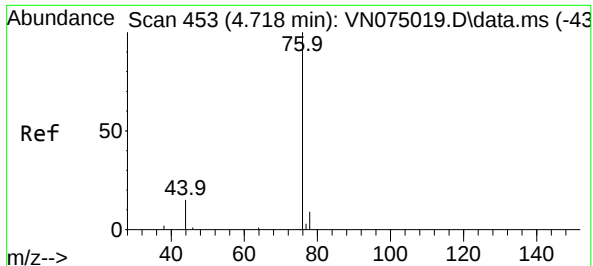
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#16
Acetone
Concen: 255.955 ug/l
RT: 4.436 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN075287.D
Acq: 16 Nov 2022 14:28

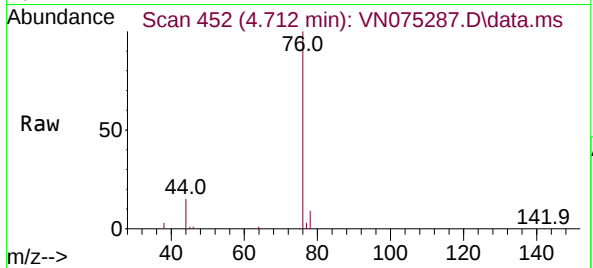
Tgt Ion: 43 Resp: 205430
Ion Ratio Lower Upper
43 100
58 34.8 25.5 38.3





#17
Carbon Disulfide
Concen: 49.518 ug/l
RT: 4.712 min Scan# 452
Delta R.T. -0.006 min
Lab File: VN075287.D
Acq: 16 Nov 2022 14:28

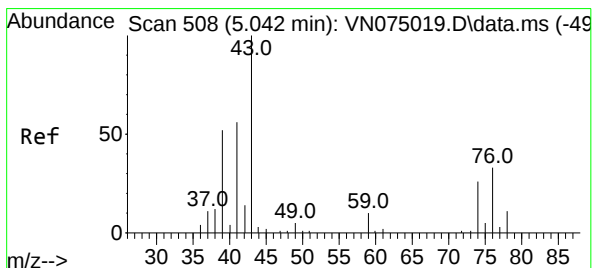
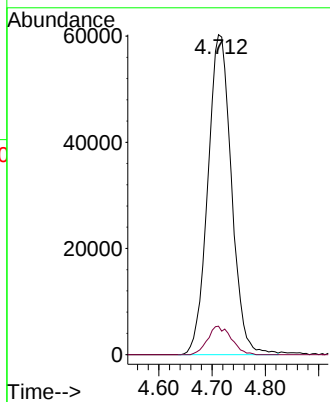
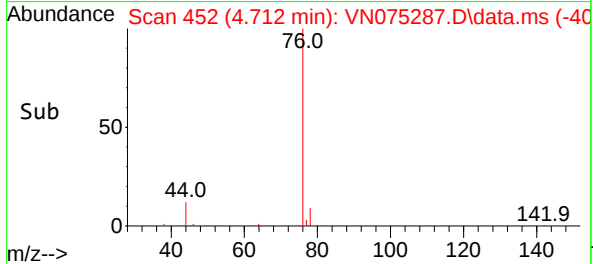
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 185698
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.2

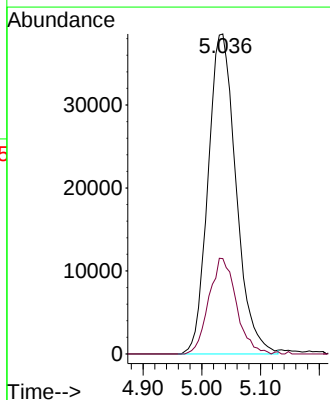
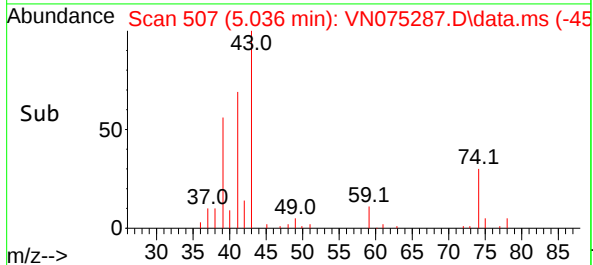
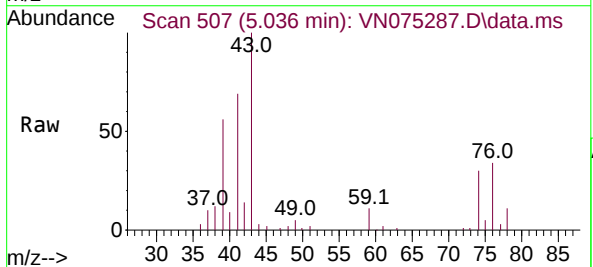
Manual Integrations
APPROVED

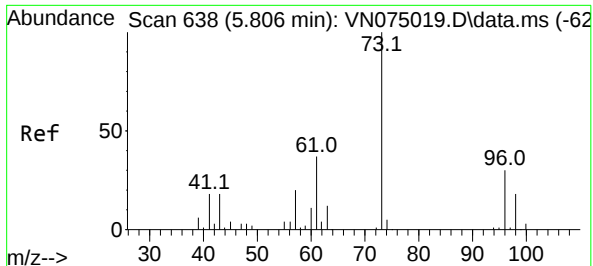
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#18
Methyl Acetate
Concen: 48.639 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.006 min
Lab File: VN075287.D
Acq: 16 Nov 2022 14:28

Tgt Ion: 43 Resp: 127515
Ion Ratio Lower Upper
43 100
74 29.2 22.0 33.0





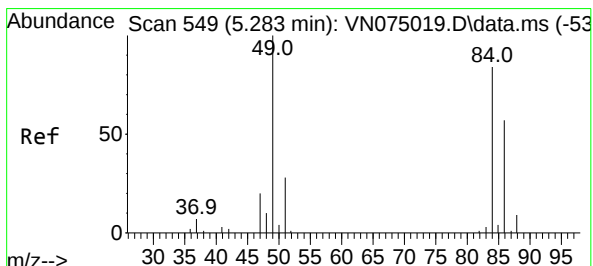
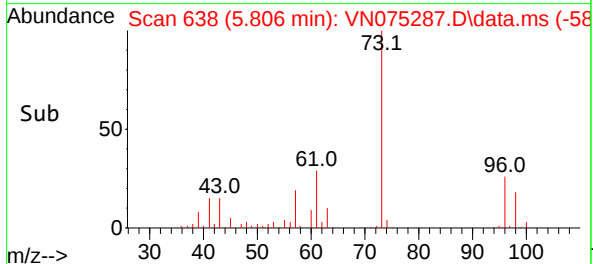
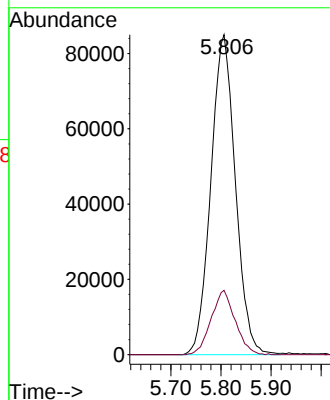
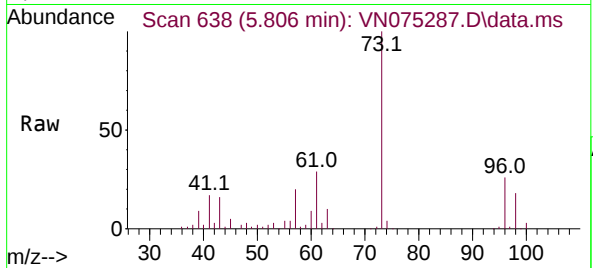
#19
Methyl tert-butyl Ether
Concen: 52.112 ug/l
RT: 5.806 min Scan# 638
Delta R.T. 0.000 min
Lab File: VN075287.D
Acq: 16 Nov 2022 14:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 288834
Ion Ratio Lower Upper
73 100
57 20.1 16.3 24.5

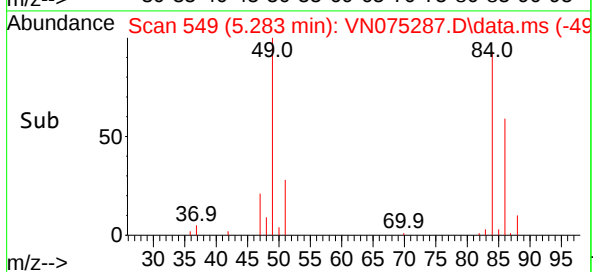
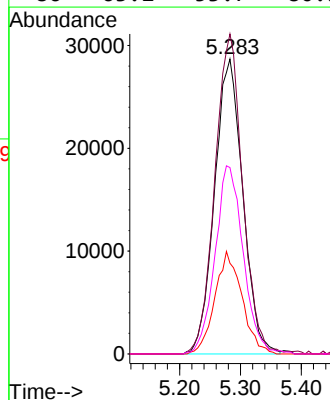
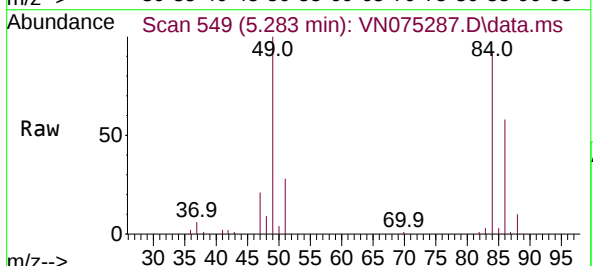
Manual Integrations
APPROVED

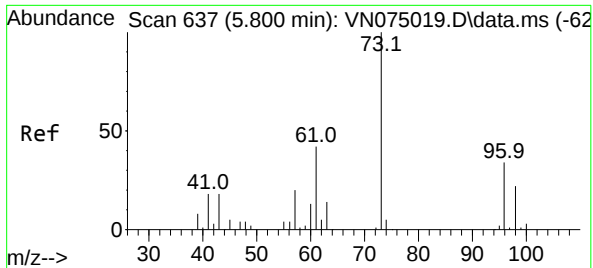
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#20
Methylene Chloride
Concen: 51.725 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.000 min
Lab File: VN075287.D
Acq: 16 Nov 2022 14:28

Tgt Ion: 84 Resp: 92563
Ion Ratio Lower Upper
84 100
49 108.6 94.9 142.3
51 30.7 26.8 40.2
86 63.2 53.7 80.5





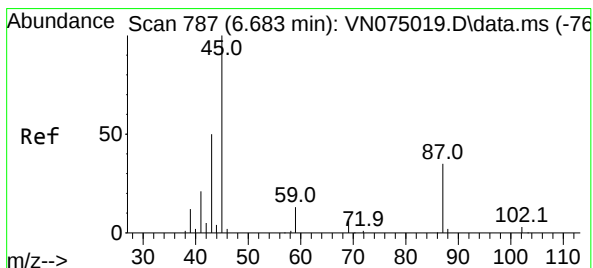
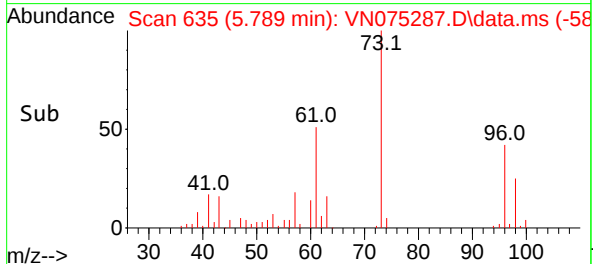
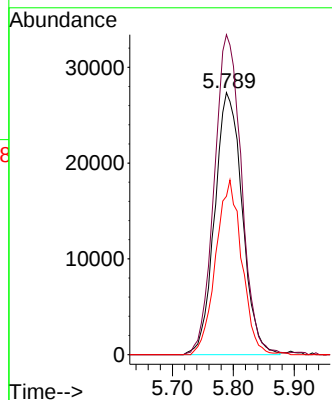
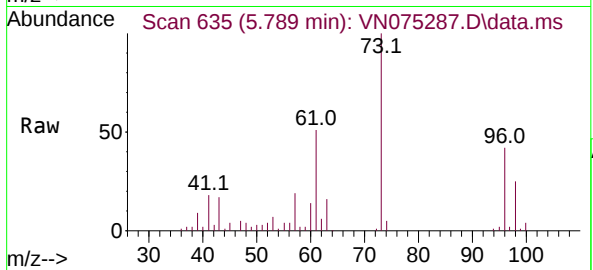
#21
trans-1,2-Dichloroethene
Concen: 52.621 ug/l
RT: 5.789 min Scan# 637
Delta R.T. -0.011 min
Lab File: VN075287.D
Acq: 16 Nov 2022 14:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 85918
Ion Ratio Lower Upper
96 100
61 122.2 99.9 149.9
98 60.4 51.5 77.3

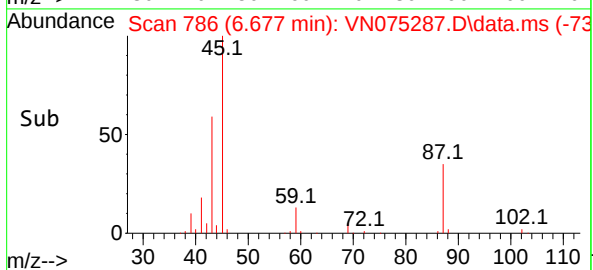
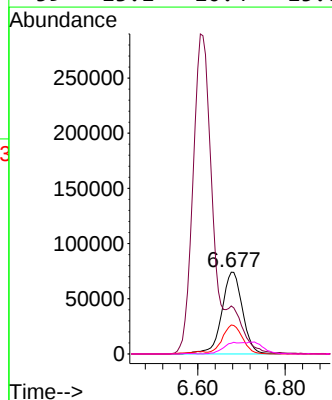
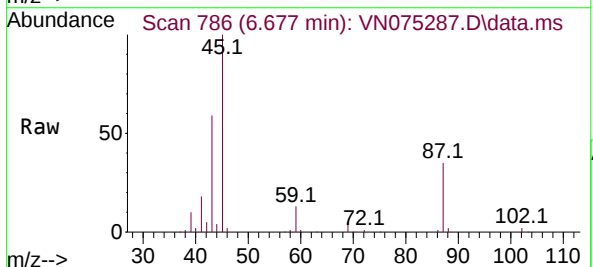
Manual Integrations
APPROVED

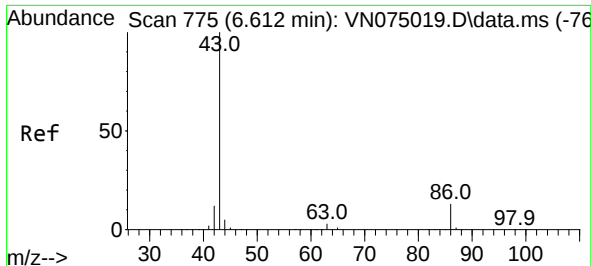
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#22
Diisopropyl ether
Concen: 50.703 ug/l
RT: 6.677 min Scan# 786
Delta R.T. -0.006 min
Lab File: VN075287.D
Acq: 16 Nov 2022 14:28

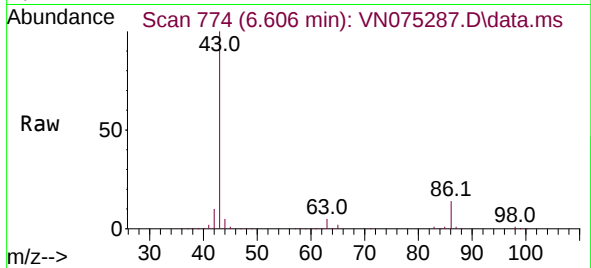
Tgt Ion: 45 Resp: 243699
Ion Ratio Lower Upper
45 100
43 57.1 42.8 64.2
87 35.3 28.4 42.6
59 13.1 10.4 15.6





#23
 Vinyl Acetate
 Concen: 243.680 ug/l m
 RT: 6.606 min Scan# 775
 Delta R.T. -0.006 min
 Lab File: VN075287.D
 Acq: 16 Nov 2022 14:28

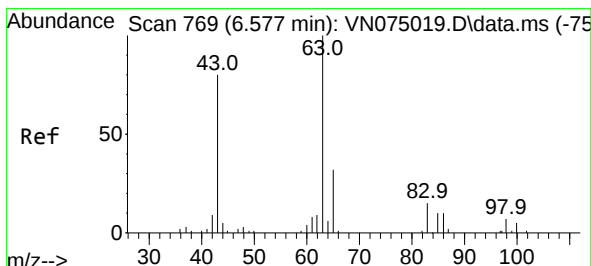
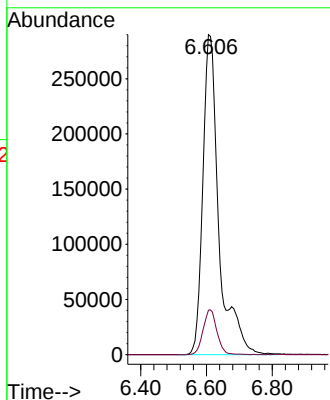
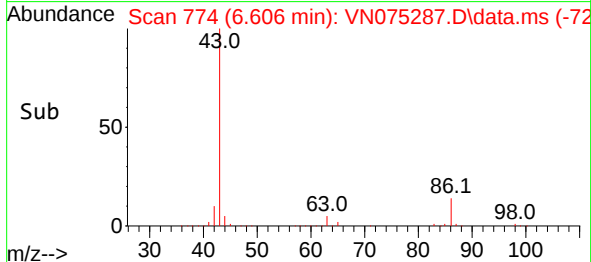
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



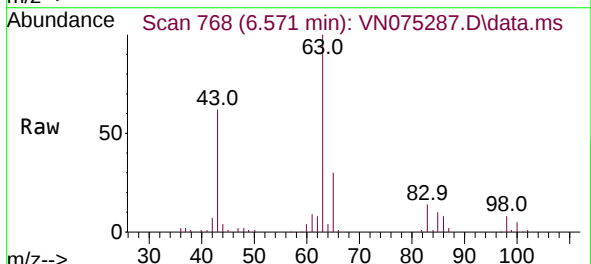
Tgt Ion: 43 Resp: 978036
 Ion Ratio Lower Upper
 43 100
 86 13.9 10.7 16.1

Manual Integrations
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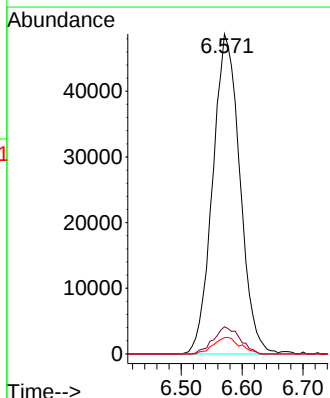
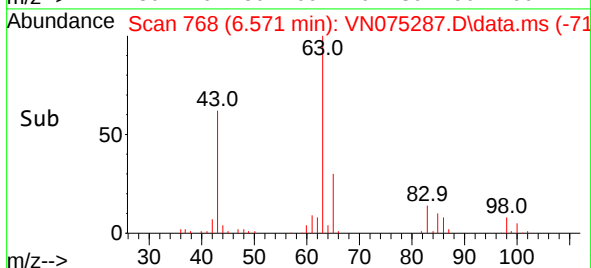
Reviewed By :John Carlone 11/17/2022
 Supervised By :Mahesh Dadoda 11/17/2022

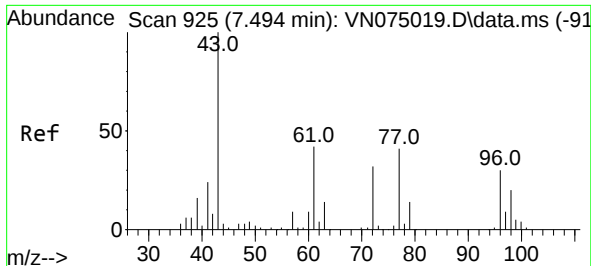


#24
 1,1-Dichloroethane
 Concen: 49.684 ug/l
 RT: 6.571 min Scan# 768
 Delta R.T. -0.006 min
 Lab File: VN075287.D
 Acq: 16 Nov 2022 14:28



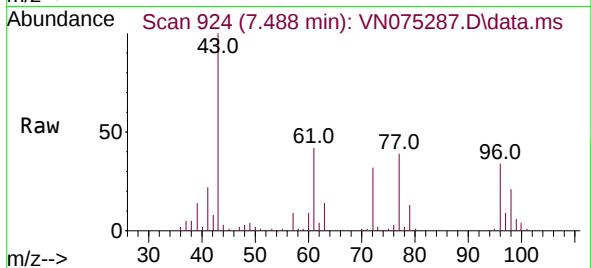
Tgt Ion: 63 Resp: 151031
 Ion Ratio Lower Upper
 63 100
 98 8.5 3.6 10.8
 100 5.1 2.4 7.2





#25
2-Butanone
Concen: 237.815 ug/l
RT: 7.488 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN075287.D
Acq: 16 Nov 2022 14:28

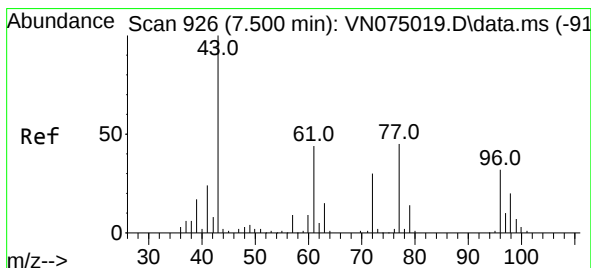
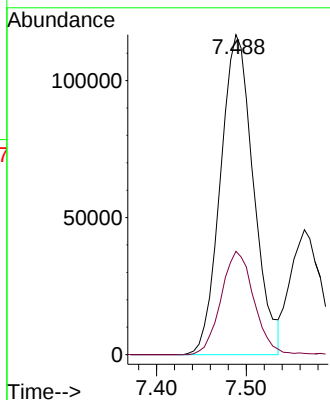
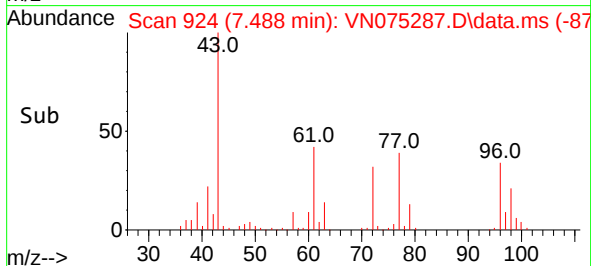
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



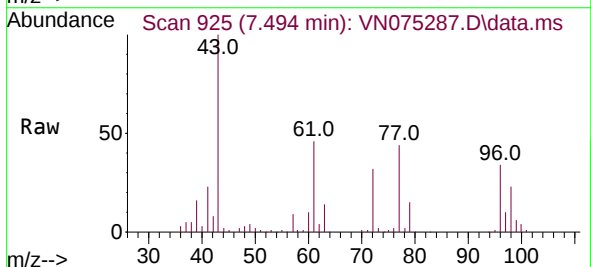
Tgt Ion: 43 Resp: 300220
Ion Ratio Lower Upper
43 100
72 32.3 25.5 38.3

Manual Integrations
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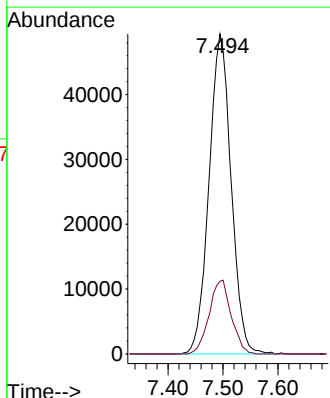
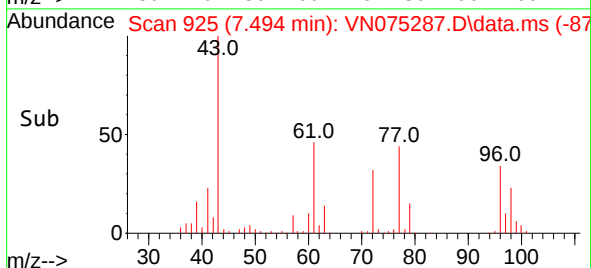
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022

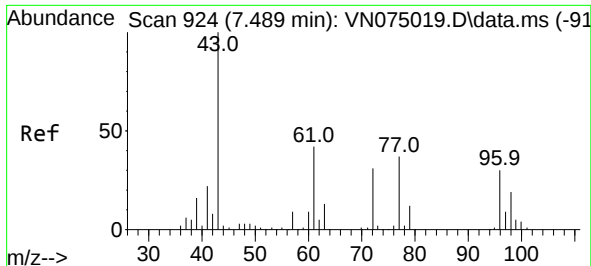


#26
2,2-Dichloropropane
Concen: 49.220 ug/l
RT: 7.494 min Scan# 925
Delta R.T. -0.006 min
Lab File: VN075287.D
Acq: 16 Nov 2022 14:28



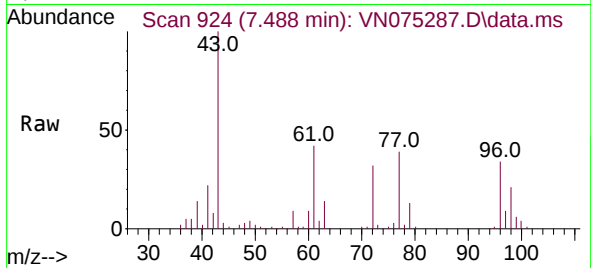
Tgt Ion: 77 Resp: 137644
Ion Ratio Lower Upper
77 100
97 22.9 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 54.087 ug/l
 RT: 7.488 min Scan# 91
 Delta R.T. -0.001 min
 Lab File: VN075287.D
 Acq: 16 Nov 2022 14:28

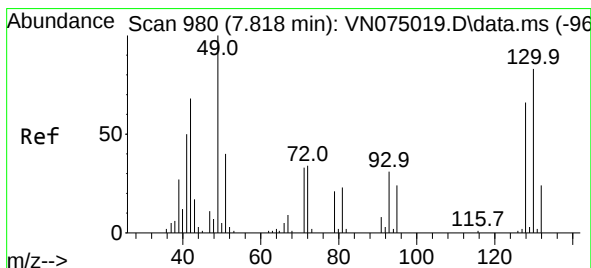
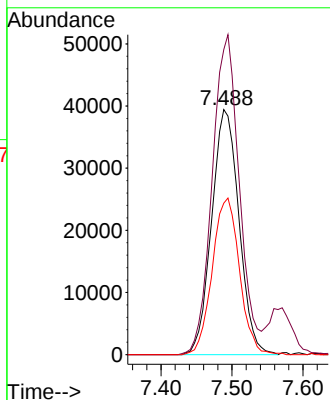
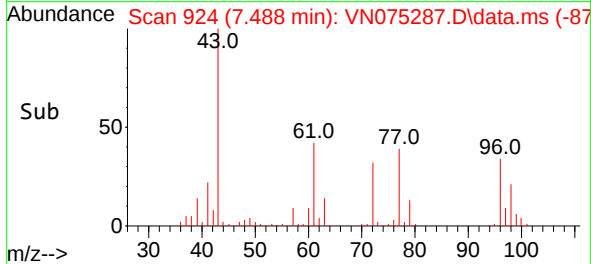
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 105463
 Ion Ratio Lower Upper
 96 100
 61 129.6 0.0 278.8
 98 63.6 0.0 128.4

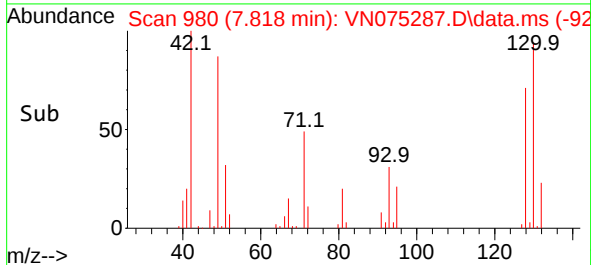
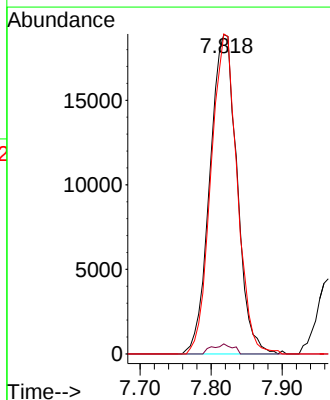
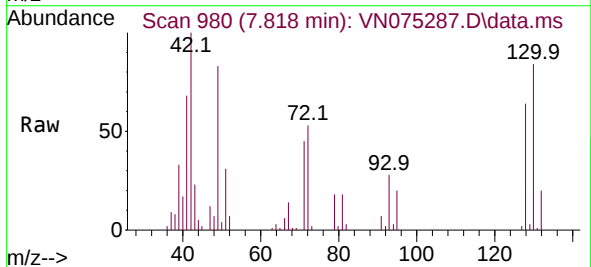
Manual Integrations
 APPROVED

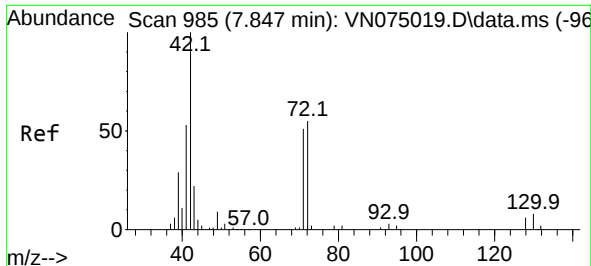
Reviewed By :John Carlone 11/17/2022
 Supervised By :Mahesh Dadoda 11/17/2022



#28
 Bromochloromethane
 Concen: 39.119 ug/l
 RT: 7.818 min Scan# 980
 Delta R.T. -0.000 min
 Lab File: VN075287.D
 Acq: 16 Nov 2022 14:28

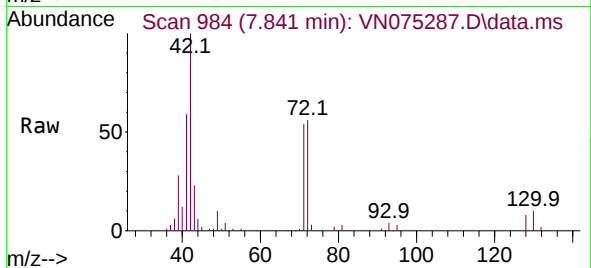
Tgt Ion: 49 Resp: 50128
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.6
 130 96.6 66.2 99.4





#29
Tetrahydrofuran
Concen: 231.910 ug/l
RT: 7.841 min Scan# 984
Delta R.T. -0.006 min
Lab File: VN075287.D
Acq: 16 Nov 2022 14:28

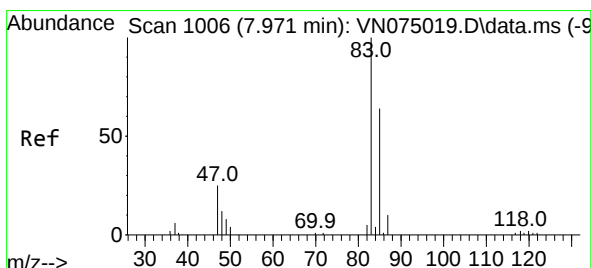
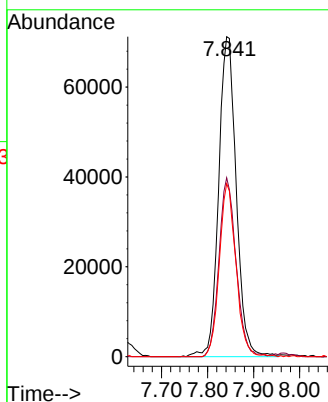
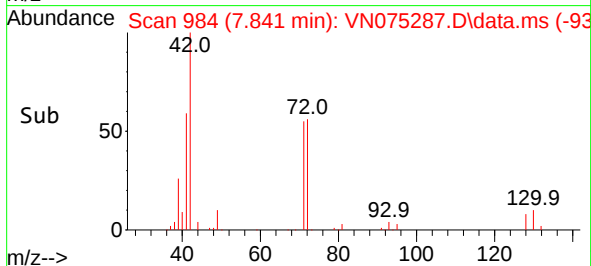
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



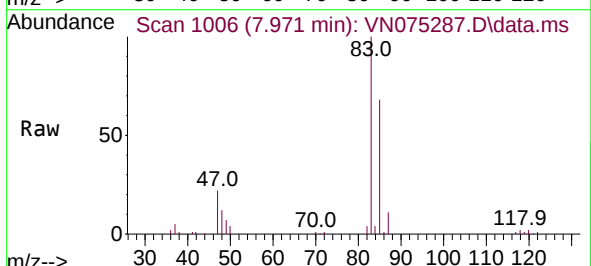
Tgt Ion: 42 Resp: 189182
Ion Ratio Lower Upper
42 100
72 54.3 43.0 64.6
71 50.8 39.9 59.9

Manual Integrations
APPROVED

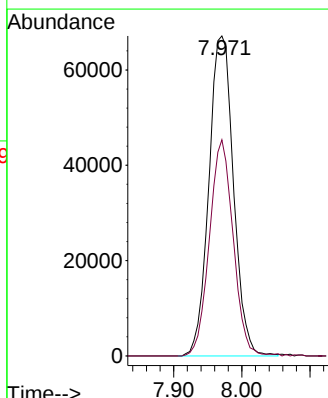
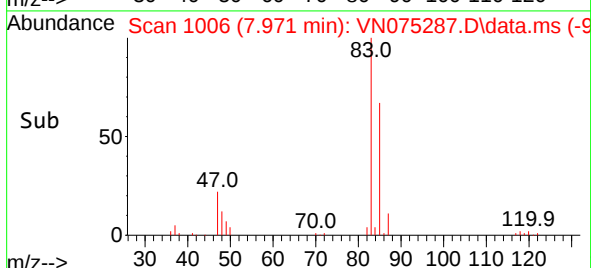
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022

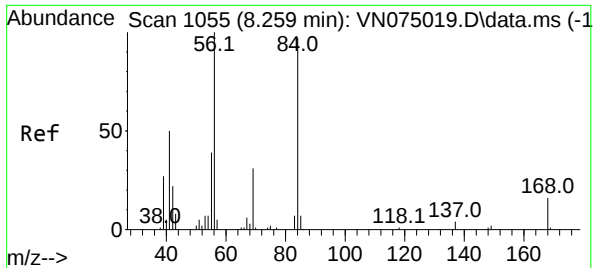


#30
Chloroform
Concen: 50.892 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN075287.D
Acq: 16 Nov 2022 14:28



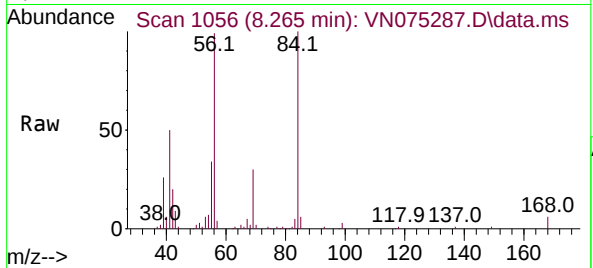
Tgt Ion: 83 Resp: 167968
Ion Ratio Lower Upper
83 100
85 67.5 51.4 77.0





#31
Cyclohexane
Concen: 47.565 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN075287.D
Acq: 16 Nov 2022 14:28

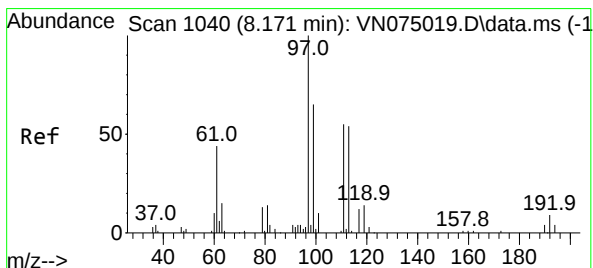
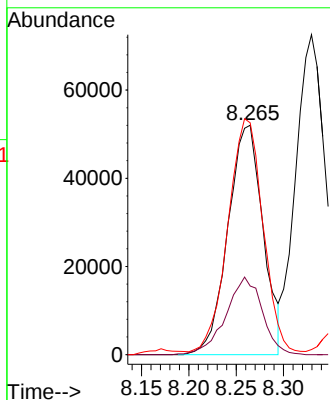
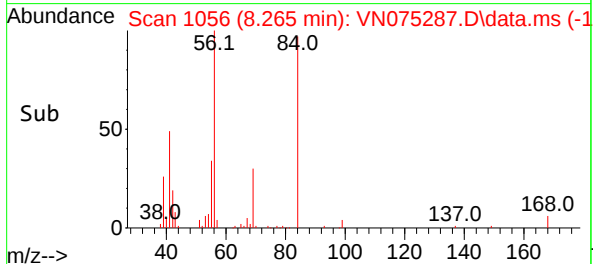
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



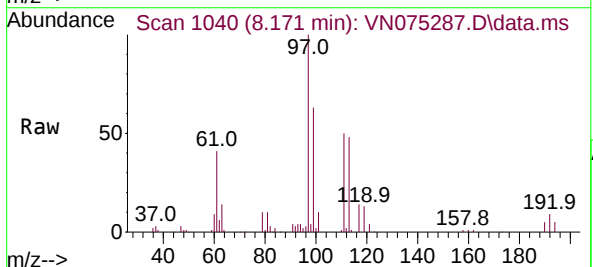
Tgt Ion: 56 Resp: 134093
Ion Ratio Lower Upper
56 100
69 29.6 25.2 37.8
84 99.6 77.8 116.8

Manual Integrations
APPROVED

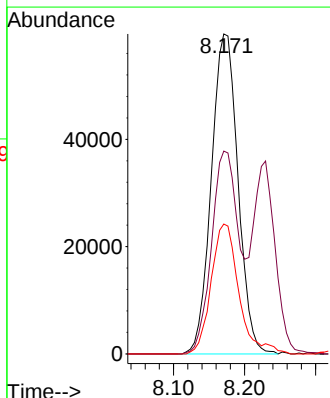
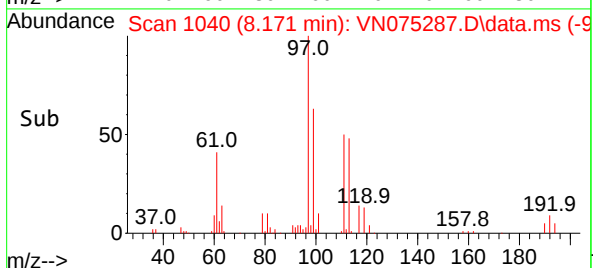
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022

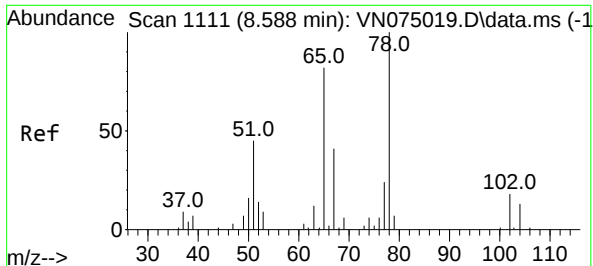


#32
1,1,1-Trichloroethane
Concen: 51.930 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075287.D
Acq: 16 Nov 2022 14:28



Tgt Ion: 97 Resp: 155642
Ion Ratio Lower Upper
97 100
99 63.7 50.2 75.2
61 42.2 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 38.001 ug/l

RT: 8.582 min Scan# 1111

Delta R.T. -0.006 min

Lab File: VN075287.D

Acq: 16 Nov 2022 14:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 72031

Ion Ratio Lower Upper

65 100

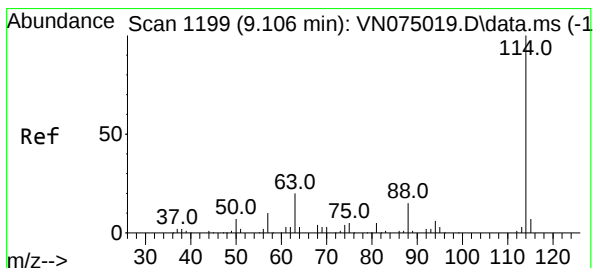
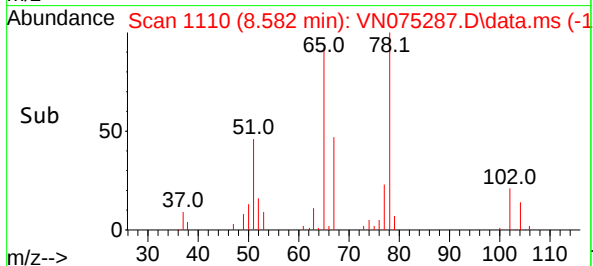
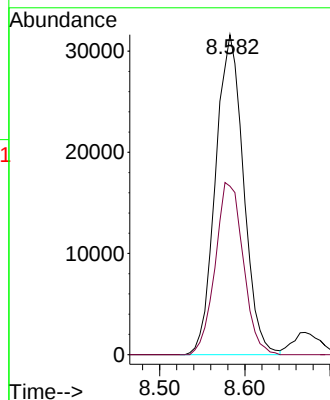
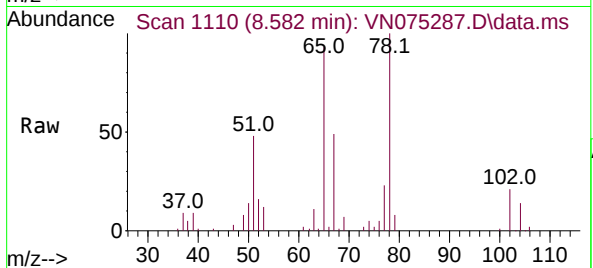
67 53.8 0.0 102.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2022

Supervised By :Mahesh Dadoda 11/17/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1198

Delta R.T. -0.006 min

Lab File: VN075287.D

Acq: 16 Nov 2022 14:28

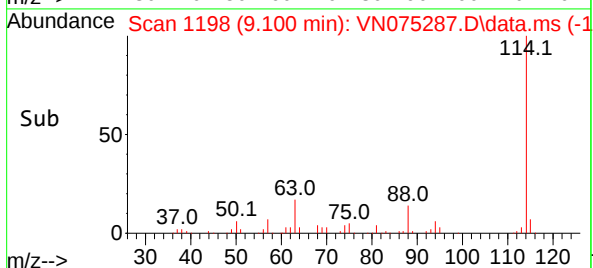
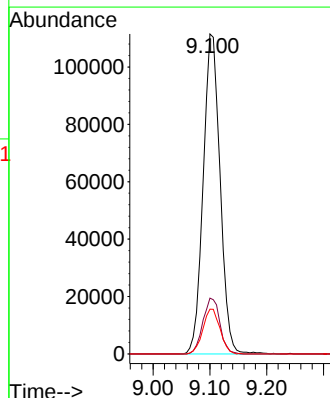
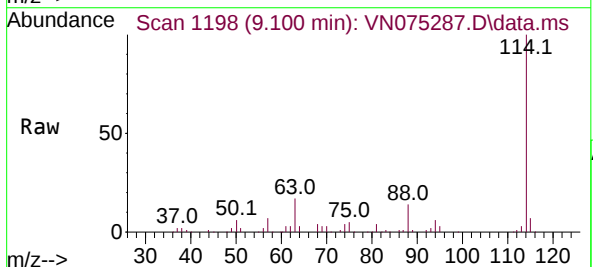
Tgt Ion:114 Resp: 230892

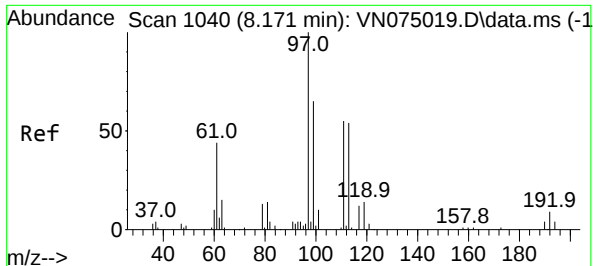
Ion Ratio Lower Upper

114 100

63 17.4 0.0 39.6

88 14.0 0.0 29.0





#35

Dibromofluoromethane

Concen: 49.965 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075287.D

Acq: 16 Nov 2022 14:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 113 Resp: 67725

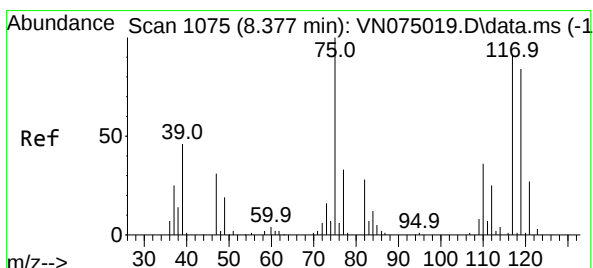
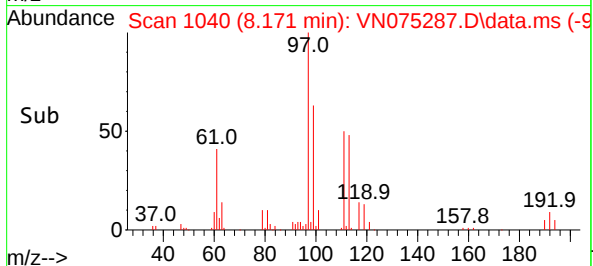
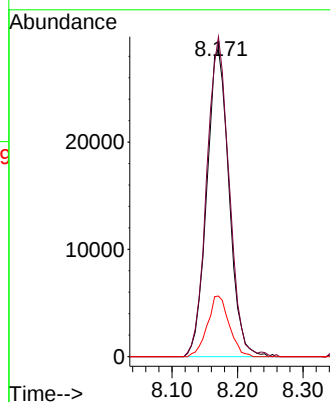
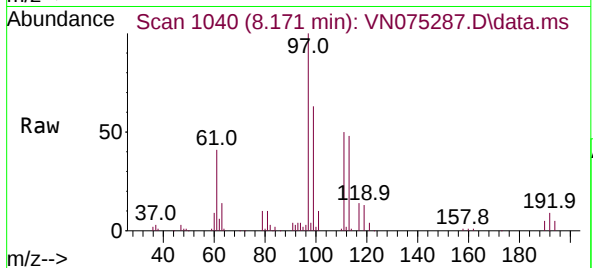
Ion	Ratio	Lower	Upper
113	100		
111	104.6	80.5	120.7
192	19.2	13.2	19.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2022

Supervised By :Mahesh Dadoda 11/17/2022



#36

1,1-Dichloropropene

Concen: 59.439 ug/l

RT: 8.377 min Scan# 1075

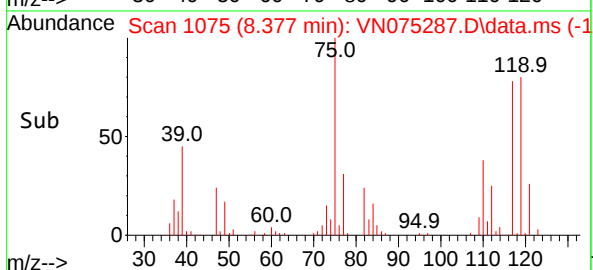
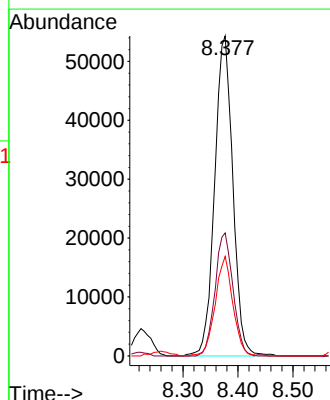
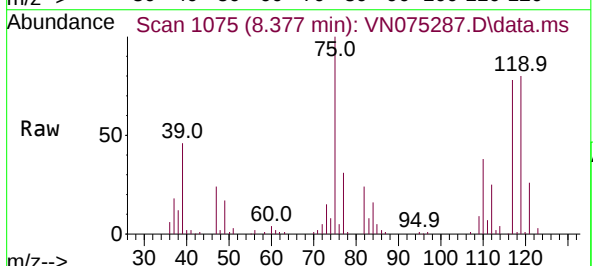
Delta R.T. -0.000 min

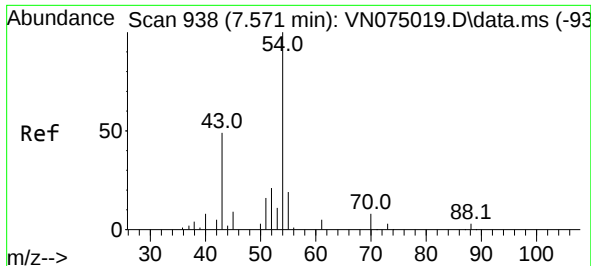
Lab File: VN075287.D

Acq: 16 Nov 2022 14:28

Tgt Ion: 75 Resp: 124732

Ion	Ratio	Lower	Upper
75	100		
110	37.9	17.8	53.3
77	30.0	24.6	37.0





#37

Ethyl Acetate

Concen: 48.581 ug/l

RT: 7.565 min Scan# 938

Delta R.T. -0.006 min

Lab File: VN075287.D

Acq: 16 Nov 2022 14:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 111803

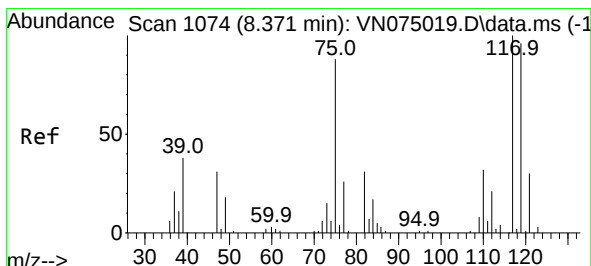
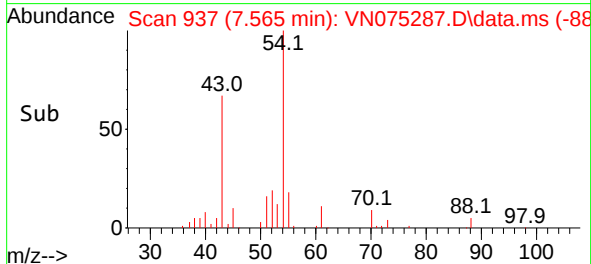
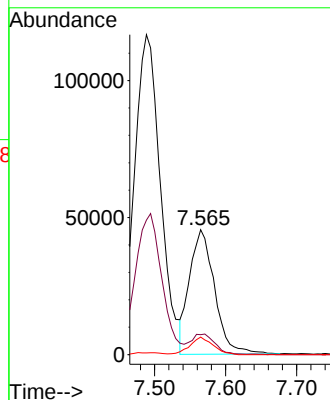
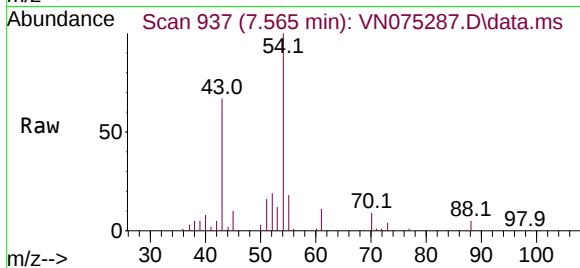
Ion	Ratio	Lower	Upper
43	100		
61	16.2	12.2	18.4
70	12.9	9.4	14.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2022

Supervised By :Mahesh Dadoda 11/17/2022



#38

Carbon Tetrachloride

Concen: 59.755 ug/l

RT: 8.365 min Scan# 1073

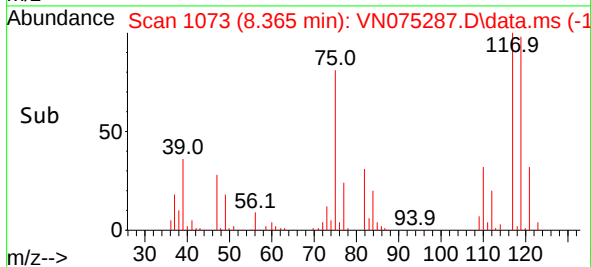
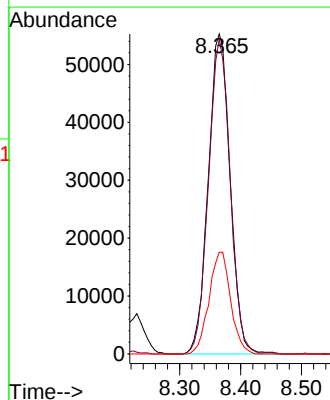
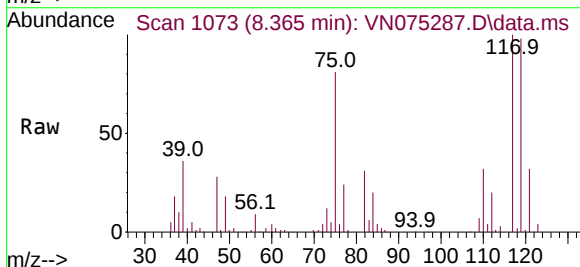
Delta R.T. -0.006 min

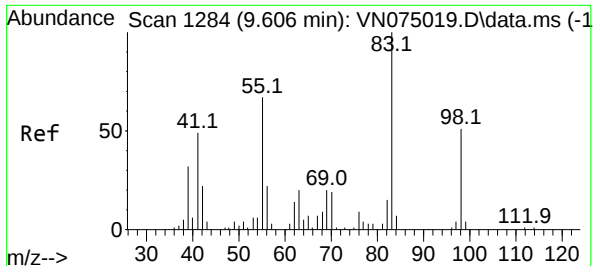
Lab File: VN075287.D

Acq: 16 Nov 2022 14:28

Tgt Ion:117 Resp: 137935

Ion	Ratio	Lower	Upper
117	100		
119	98.4	76.7	115.1
121	31.8	23.9	35.9





#39

Methylcyclohexane

Concen: 59.109 ug/l

RT: 9.600 min Scan# 1114

Delta R.T. -0.006 min

Lab File: VN075287.D

Acq: 16 Nov 2022 14:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 16375

Ion Ratio Lower Upper

83 100

55 66.9 53.6 80.4

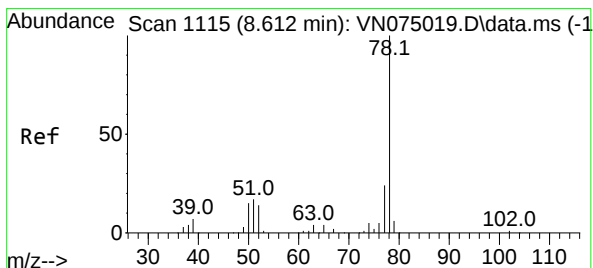
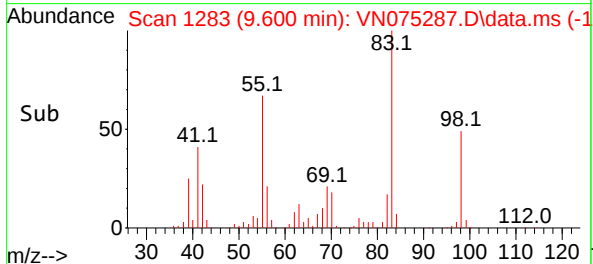
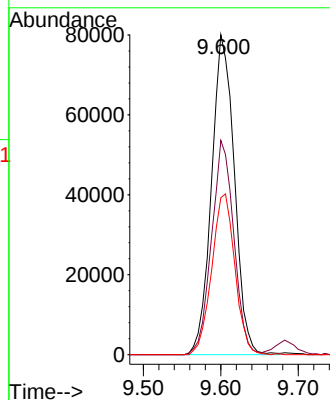
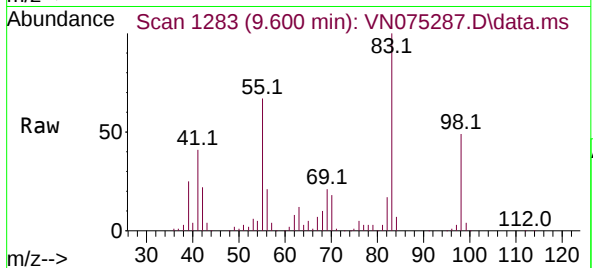
98 49.1 41.1 61.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2022

Supervised By :Mahesh Dadoda 11/17/2022



#40

Benzene

Concen: 57.638 ug/l

RT: 8.606 min Scan# 1114

Delta R.T. -0.006 min

Lab File: VN075287.D

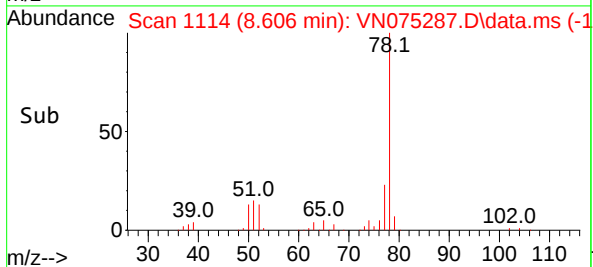
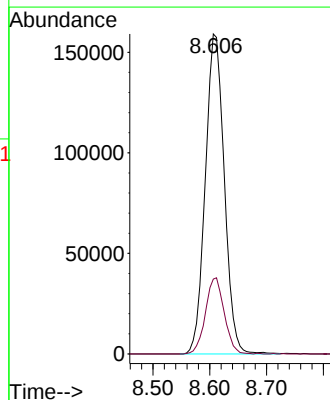
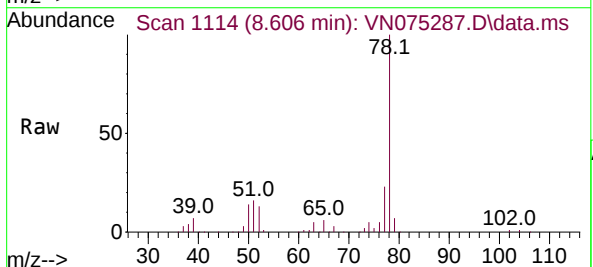
Acq: 16 Nov 2022 14:28

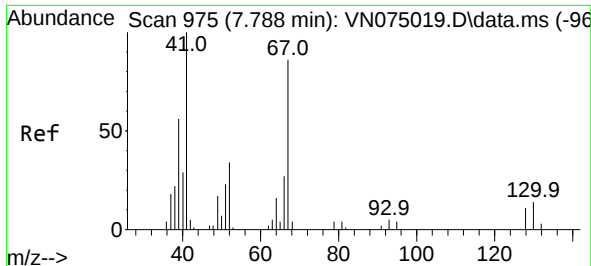
Tgt Ion: 78 Resp: 370340

Ion Ratio Lower Upper

78 100

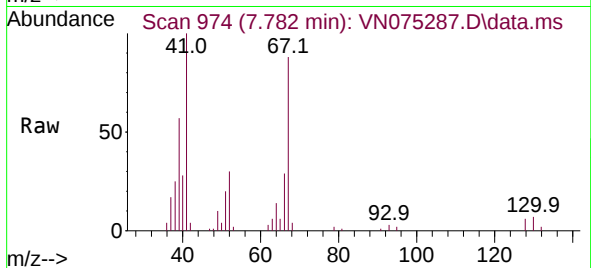
77 23.4 19.4 29.0





#41
Methacrylonitrile
Concen: 52.246 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN075287.D
Acq: 16 Nov 2022 14:28

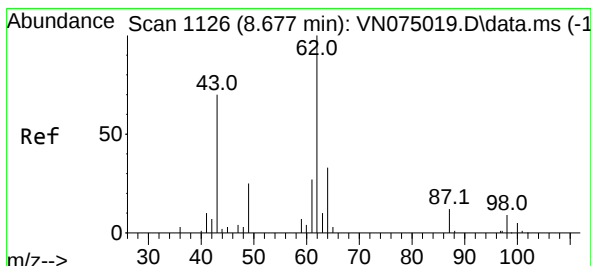
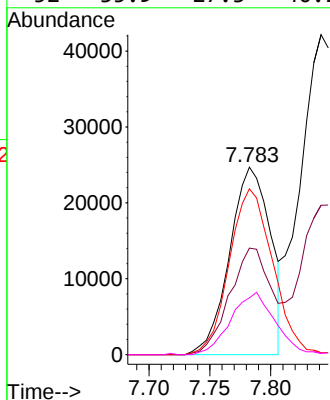
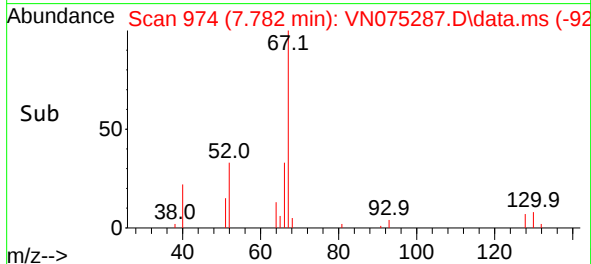
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 57605
Ion Ratio Lower Upper
41 100
39 56.8 44.4 66.6
67 94.8 69.8 104.6
52 35.9 27.3 40.9

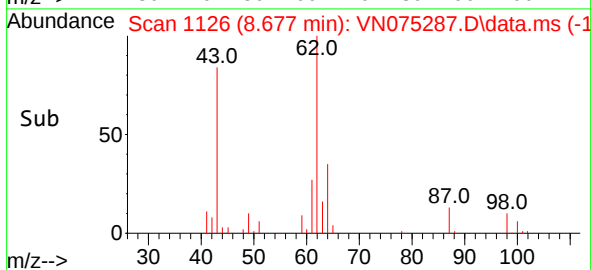
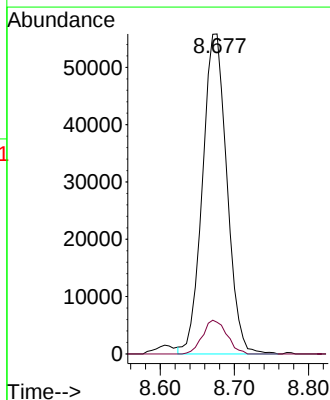
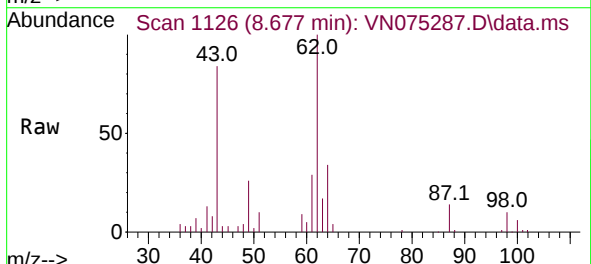
Manual Integrations
APPROVED

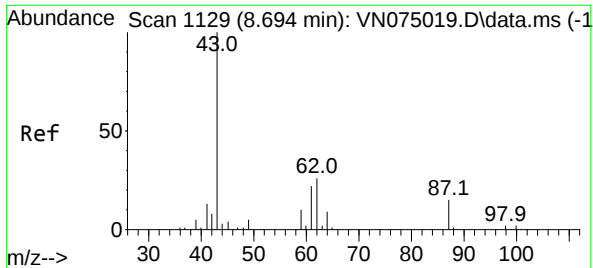
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#42
1,2-Dichloroethane
Concen: 54.639 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN075287.D
Acq: 16 Nov 2022 14:28

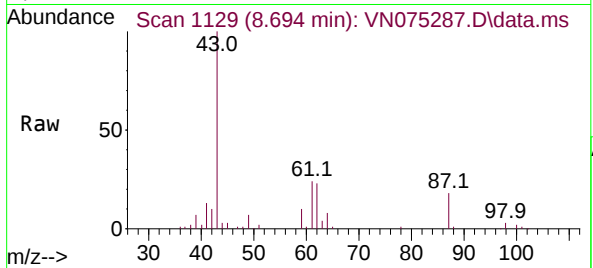
Tgt Ion: 62 Resp: 127725
Ion Ratio Lower Upper
62 100
98 10.4 0.0 18.2





#43
Isopropyl Acetate
Concen: 52.936 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN075287.D
Acq: 16 Nov 2022 14:28

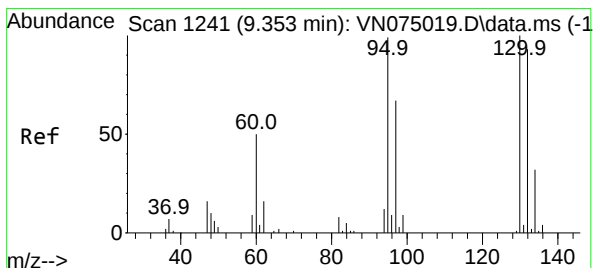
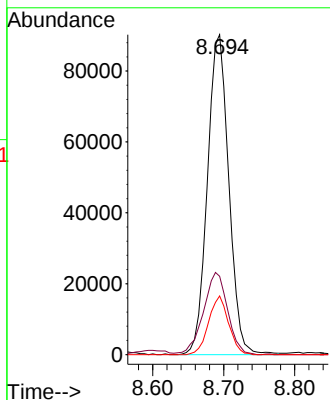
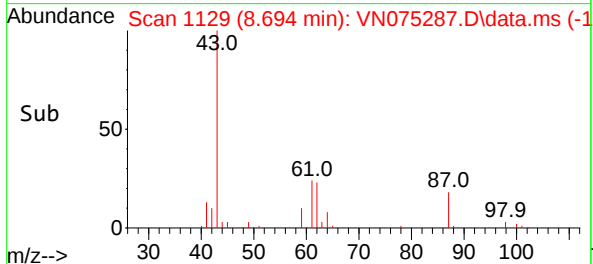
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



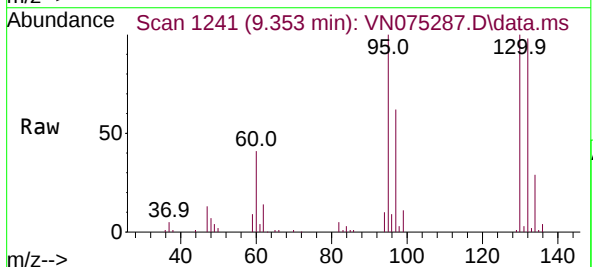
Tgt Ion: 43 Resp: 188962
Ion Ratio Lower Upper
43 100
61 29.0 22.4 33.6
87 17.1 12.5 18.7

Manual Integrations
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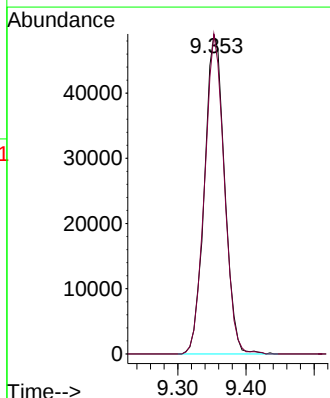
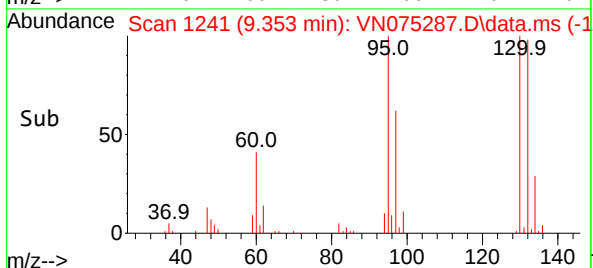
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022

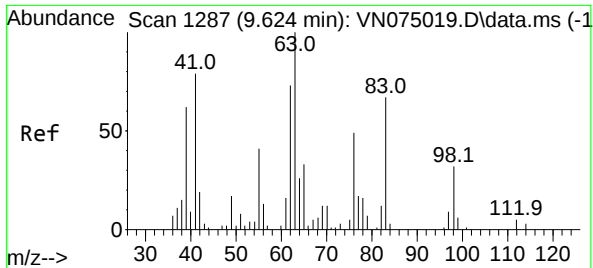


#44
Trichloroethene
Concen: 62.061 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VN075287.D
Acq: 16 Nov 2022 14:28



Tgt Ion:130 Resp: 100042
Ion Ratio Lower Upper
130 100
95 100.4 0.0 198.4





#45

1,2-Dichloropropane

Concen: 59.131 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN075287.D

Acq: 16 Nov 2022 14:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 90416

Ion Ratio Lower Upper

63 100

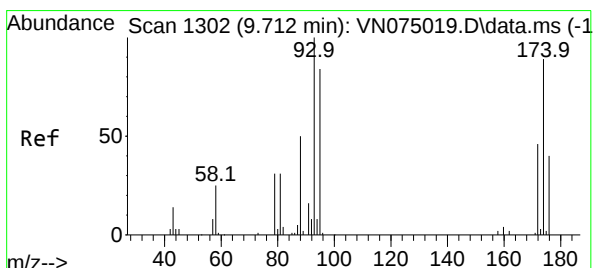
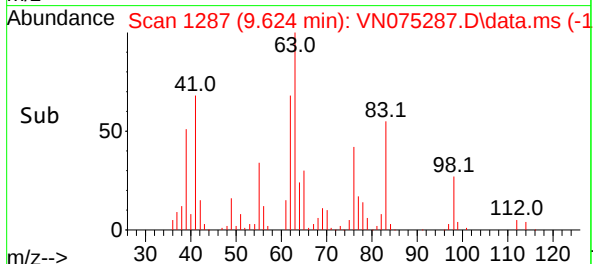
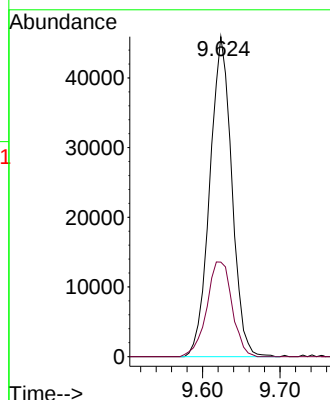
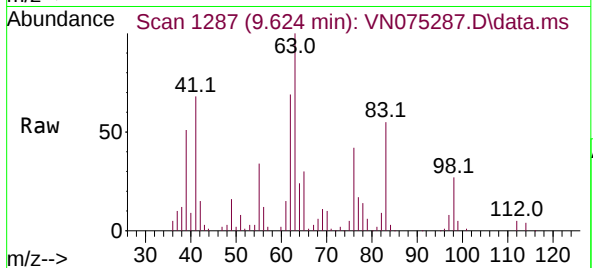
65 29.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2022

Supervised By :Mahesh Dadoda 11/17/2022



#46

Dibromomethane

Concen: 58.199 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075287.D

Acq: 16 Nov 2022 14:28

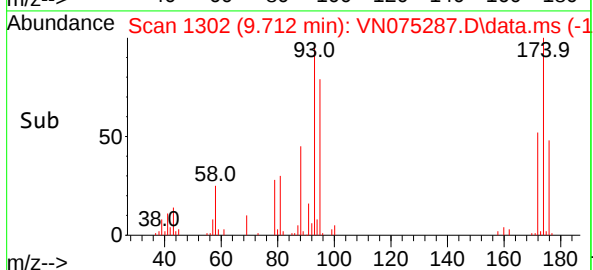
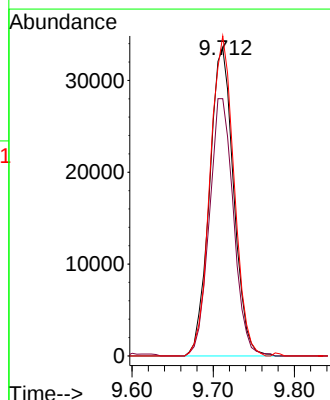
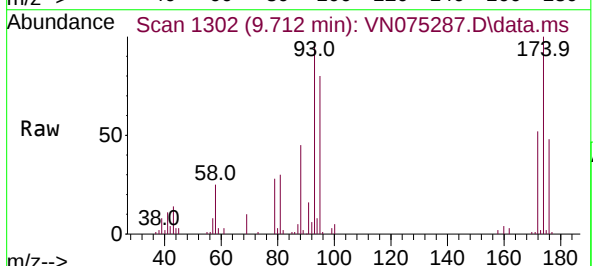
Tgt Ion: 93 Resp: 69332

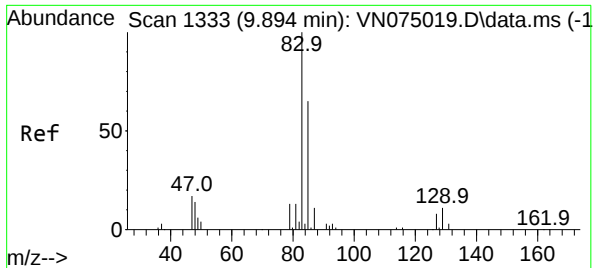
Ion Ratio Lower Upper

93 100

95 83.3 66.6 99.8

174 102.8 70.3 105.5





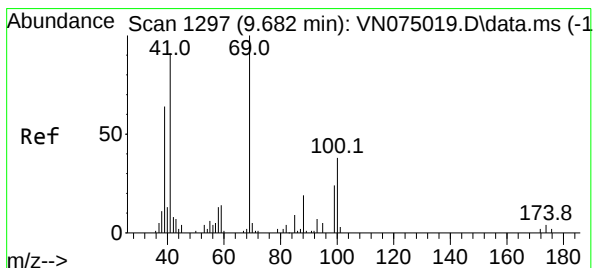
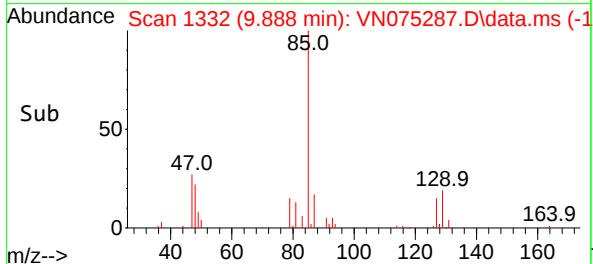
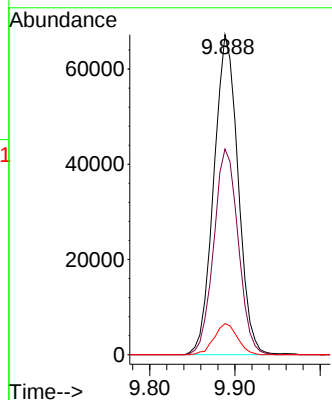
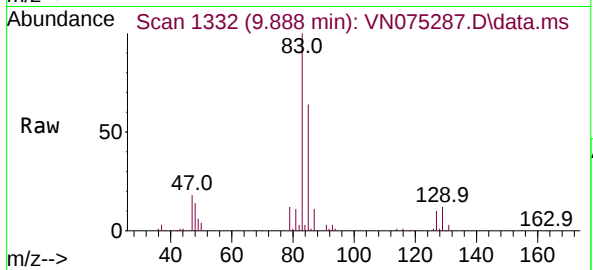
#47
Bromodichloromethane
Concen: 57.488 ug/l
RT: 9.888 min Scan# 1333
Delta R.T. -0.006 min
Lab File: VN075287.D
Acq: 16 Nov 2022 14:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 132623
Ion Ratio Lower Upper
83 100
85 64.2 52.1 78.1
127 9.7 6.6 10.0

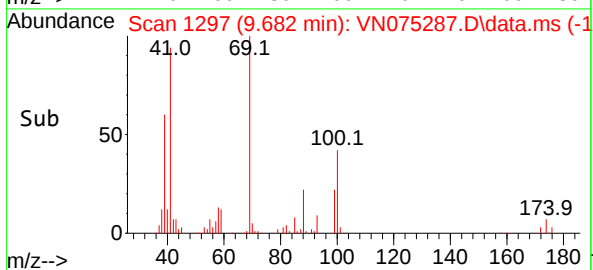
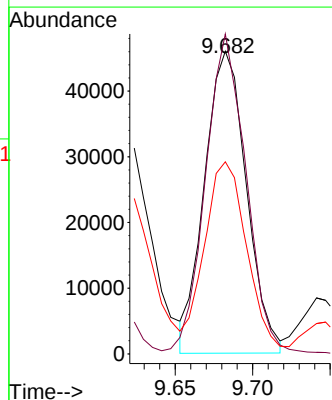
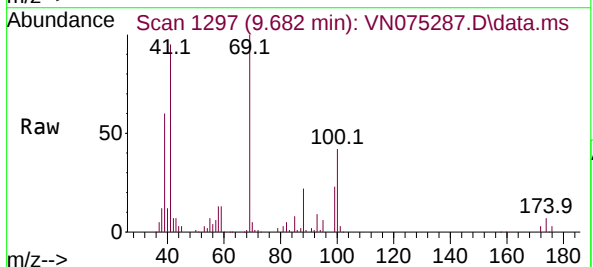
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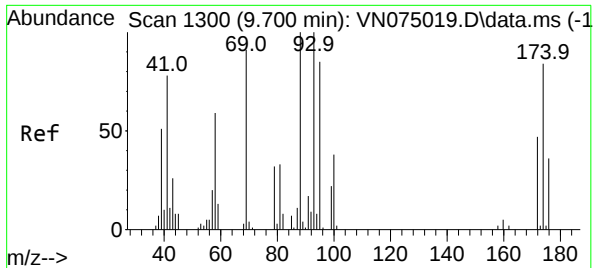
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#48
Methyl methacrylate
Concen: 52.922 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN075287.D
Acq: 16 Nov 2022 14:28

Tgt Ion: 41 Resp: 86658
Ion Ratio Lower Upper
41 100
69 102.6 80.2 120.2
39 65.2 56.2 84.2





#49

1,4-Dioxane

Concen: 1149.295 ug/l

RT: 9.700 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN075287.D

Acq: 16 Nov 2022 14:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 4928

Ion Ratio Lower Upper

88 100

43 0.0 17.5 26.3

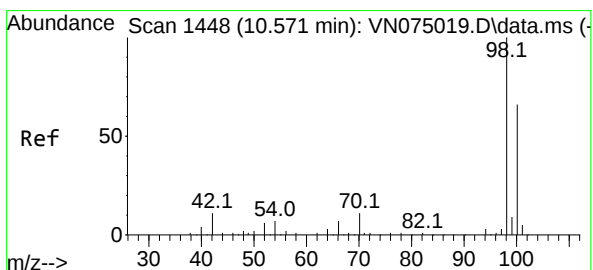
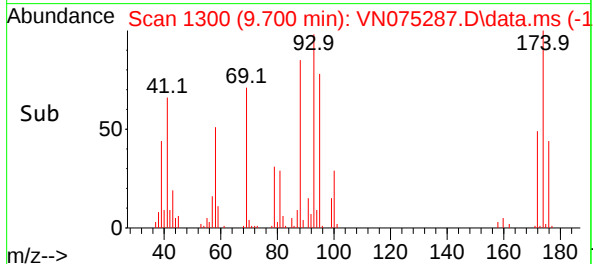
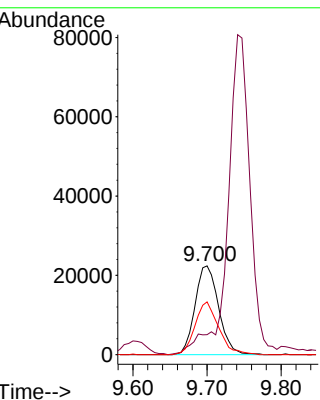
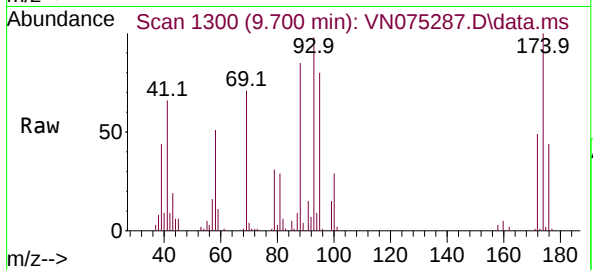
58 59.6 49.8 74.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2022

Supervised By :Mahesh Dadoda 11/17/2022



#50

Toluene-d8

Concen: 44.959 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN075287.D

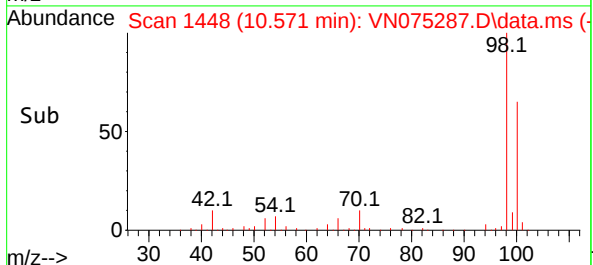
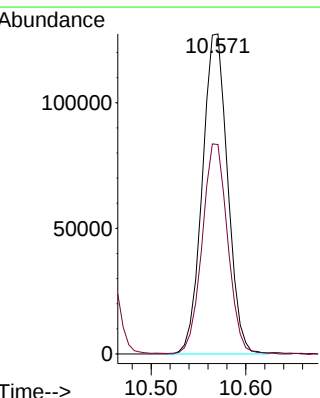
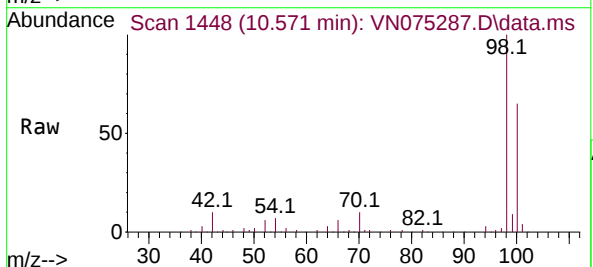
Acq: 16 Nov 2022 14:28

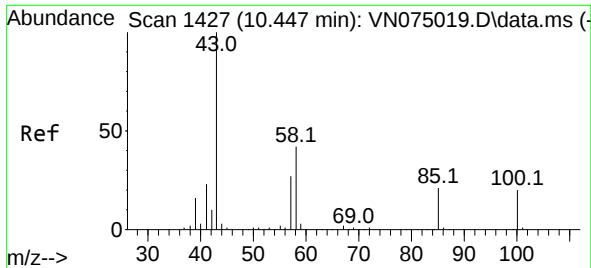
Tgt Ion: 98 Resp: 236432

Ion Ratio Lower Upper

98 100

100 66.2 53.0 79.6





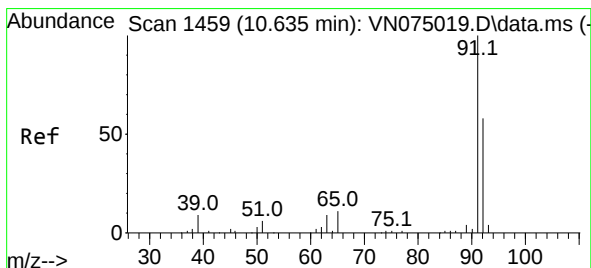
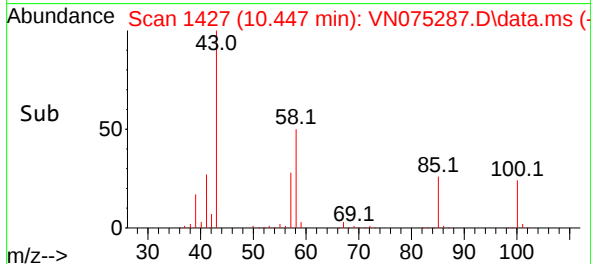
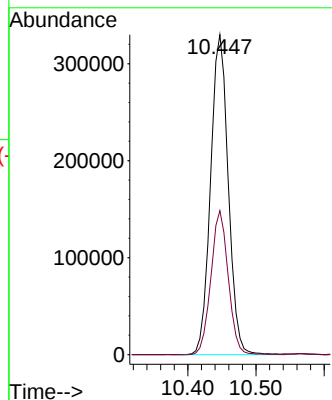
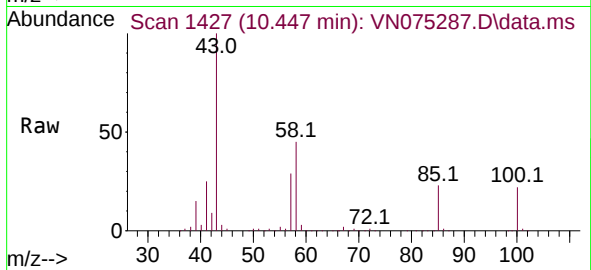
#51
4-Methyl-2-Pentanone
Concen: 257.588 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075287.D
Acq: 16 Nov 2022 14:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 593368
Ion Ratio Lower Upper
43 100
58 44.1 33.6 50.4

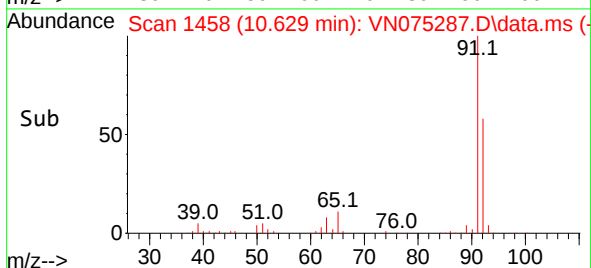
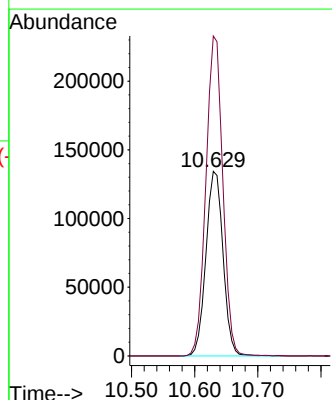
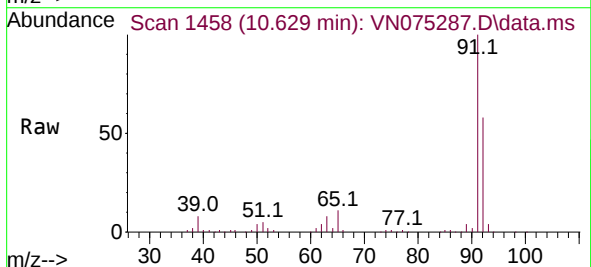
Manual Integrations
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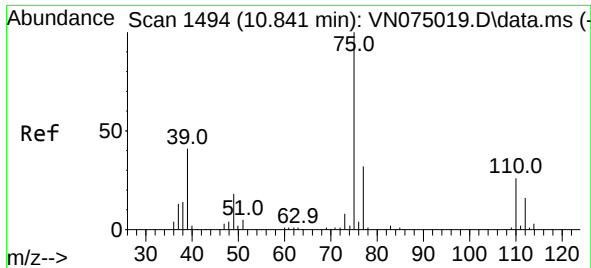
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#52
Toluene
Concen: 58.787 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VN075287.D
Acq: 16 Nov 2022 14:28

Tgt Ion: 92 Resp: 252493
Ion Ratio Lower Upper
92 100
91 171.4 135.4 203.2





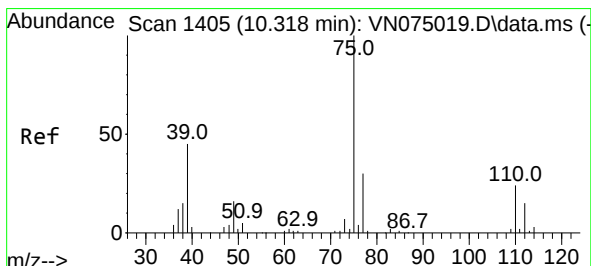
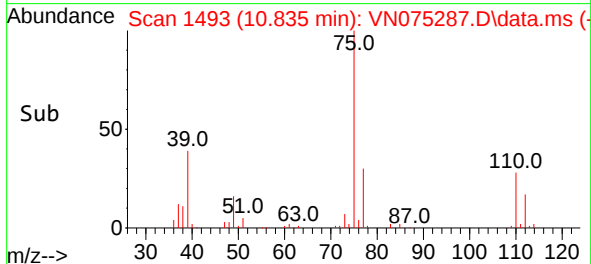
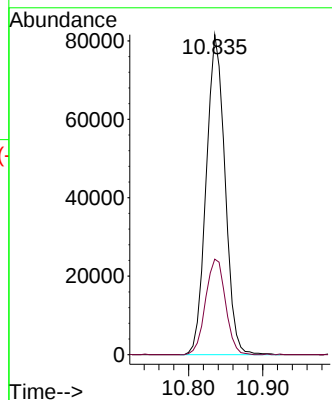
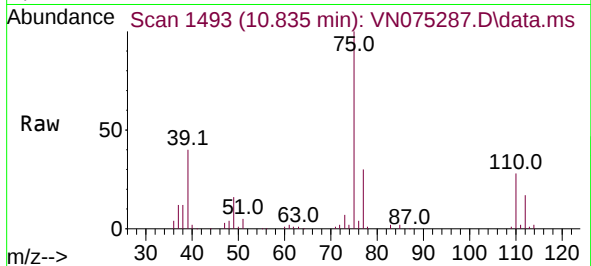
#53
 t-1,3-Dichloropropene
 Concen: 58.910 ug/l
 RT: 10.835 min Scan# 1494
 Delta R.T. -0.006 min
 Lab File: VN075287.D
 Acq: 16 Nov 2022 14:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 75 Resp: 14344
 Ion Ratio Lower Upper
 75 100
 77 29.8 25.4 38.2

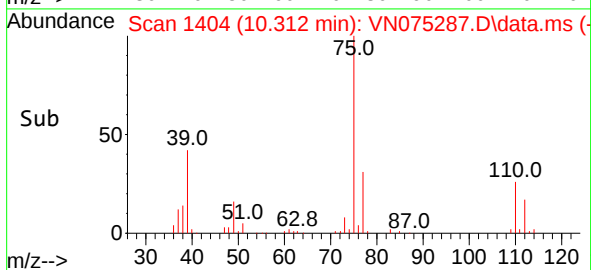
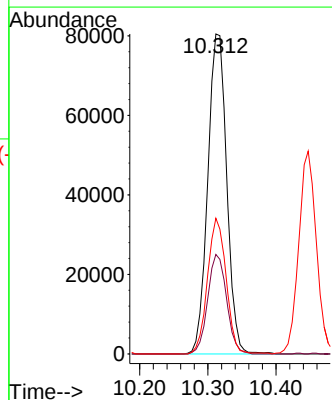
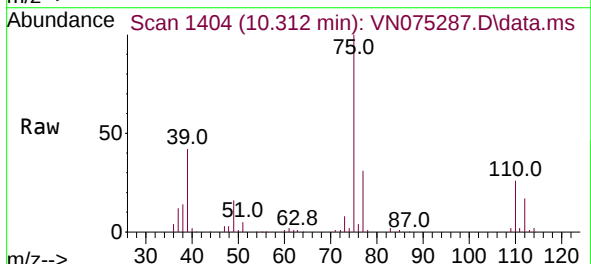
Manual Integrations
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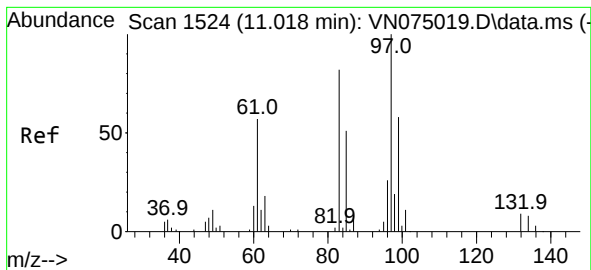
Reviewed By :John Carlone 11/17/2022
 Supervised By :Mahesh Dadoda 11/17/2022



#54
 cis-1,3-Dichloropropene
 Concen: 60.120 ug/l
 RT: 10.312 min Scan# 1404
 Delta R.T. -0.006 min
 Lab File: VN075287.D
 Acq: 16 Nov 2022 14:28

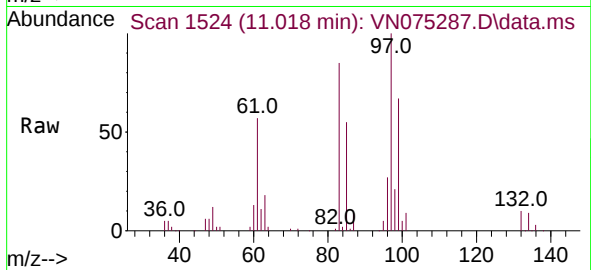
Tgt Ion: 75 Resp: 155270
 Ion Ratio Lower Upper
 75 100
 77 31.1 23.7 35.5
 39 42.4 35.8 53.6





#55
1,1,2-Trichloroethane
Concen: 58.494 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN075287.D
Acq: 16 Nov 2022 14:28

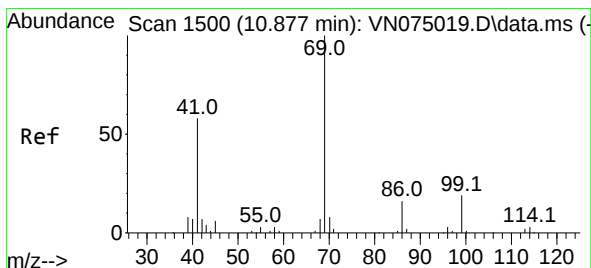
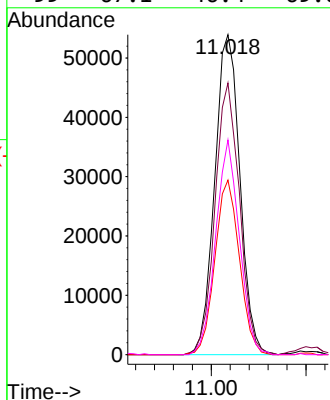
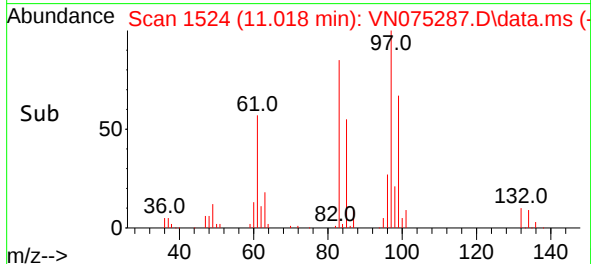
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



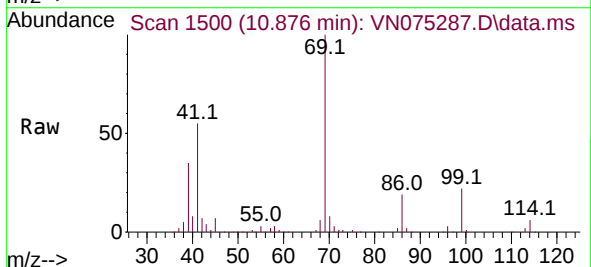
Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.9	65.9	98.9
85	54.5	40.4	60.6
99	67.1	46.4	69.6

Manual Integrations
APPROVED

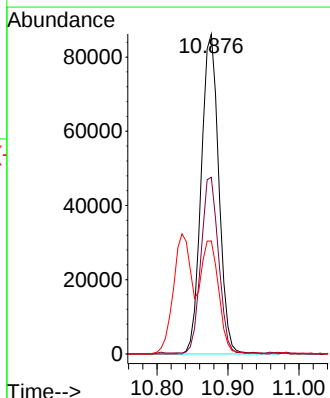
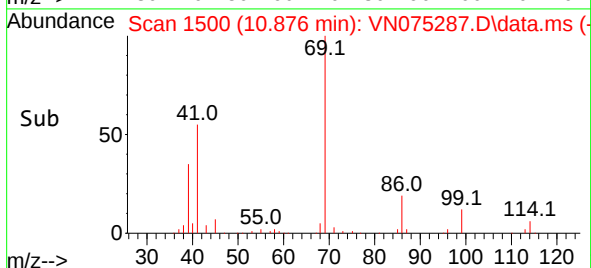
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022

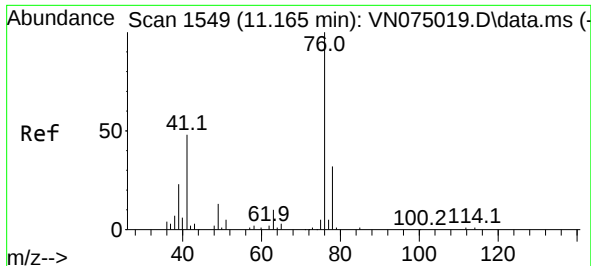


#56
Ethyl methacrylate
Concen: 56.932 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.001 min
Lab File: VN075287.D
Acq: 16 Nov 2022 14:28



Tgt Ion	Ratio	Lower	Upper
69	100		
41	55.7	45.6	68.4
39	36.3	28.5	42.7





#57

1,3-Dichloropropane

Concen: 57.641 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN075287.D

Acq: 16 Nov 2022 14:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 16347

Ion Ratio Lower Upper

76 100

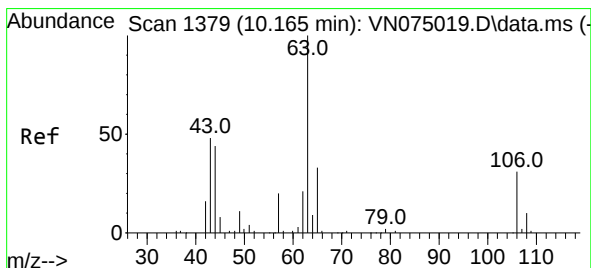
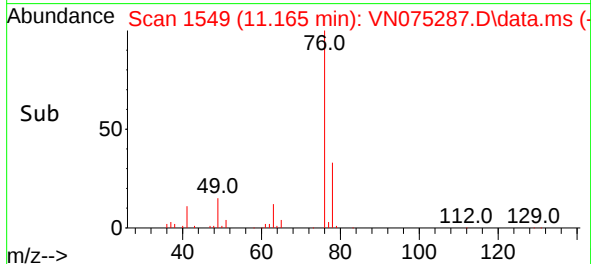
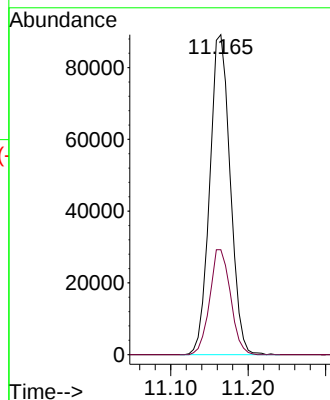
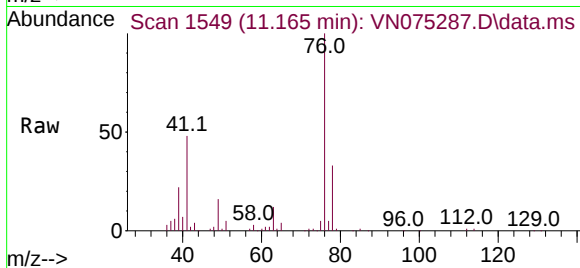
78 33.4 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2022

Supervised By :Mahesh Dadoda 11/17/2022



#58

2-Chloroethyl Vinyl ether

Concen: 235.409 ug/l

RT: 10.159 min Scan# 1378

Delta R.T. -0.006 min

Lab File: VN075287.D

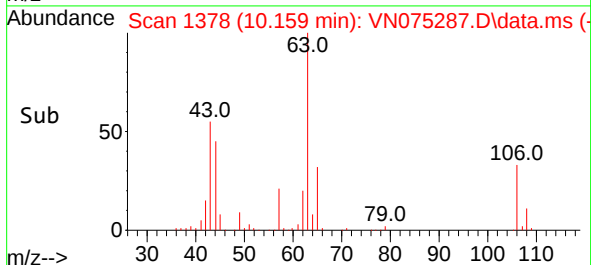
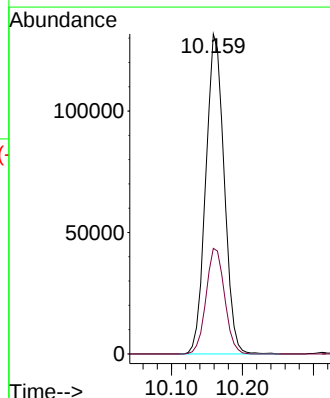
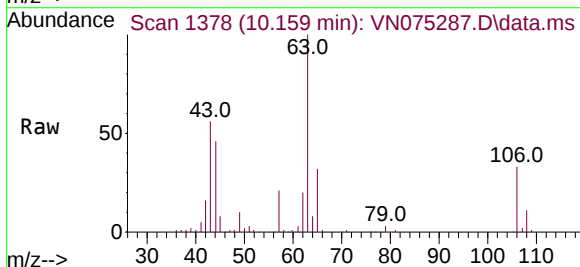
Acq: 16 Nov 2022 14:28

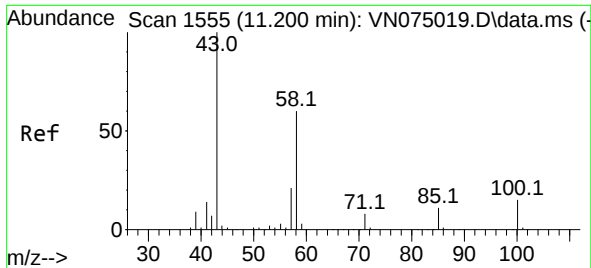
Tgt Ion: 63 Resp: 236419

Ion Ratio Lower Upper

63 100

106 33.2 24.8 37.2





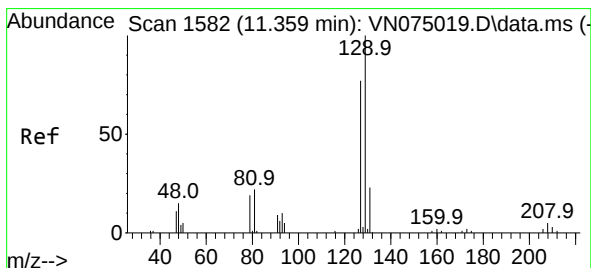
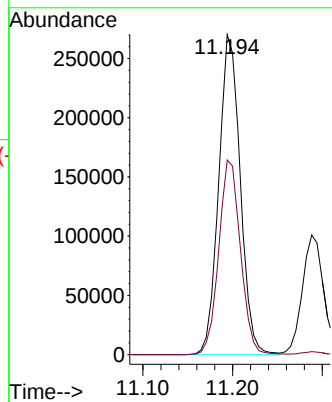
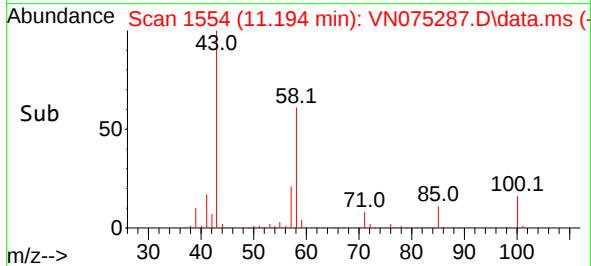
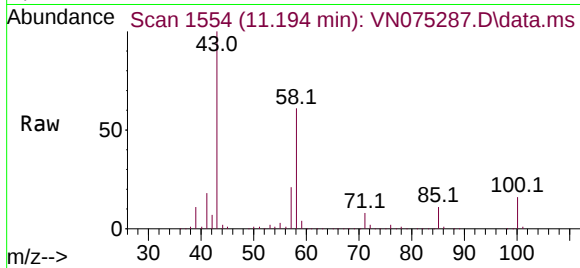
#59
2-Hexanone
Concen: 258.501 ug/l
RT: 11.194 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VN075287.D
Acq: 16 Nov 2022 14:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 45194
Ion Ratio Lower Upper
43 100
58 61.4 29.6 88.8

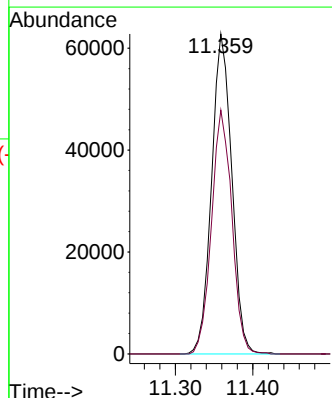
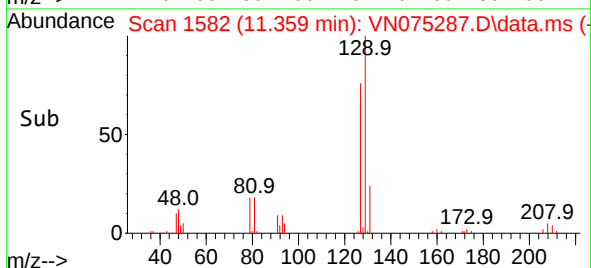
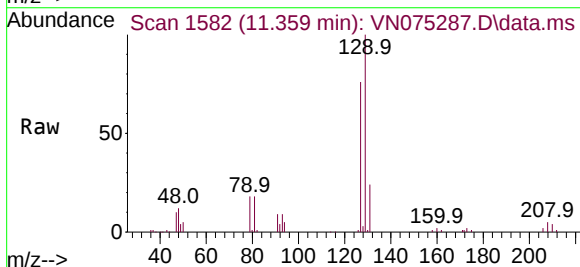
Manual Integrations
APPROVED

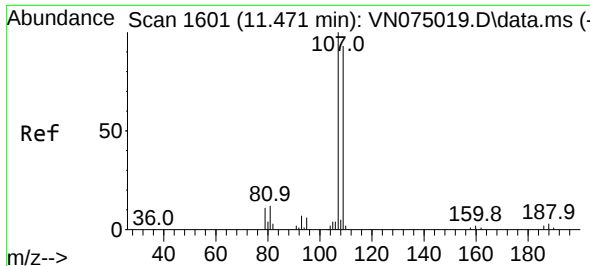
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#60
Dibromochloromethane
Concen: 63.369 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN075287.D
Acq: 16 Nov 2022 14:28

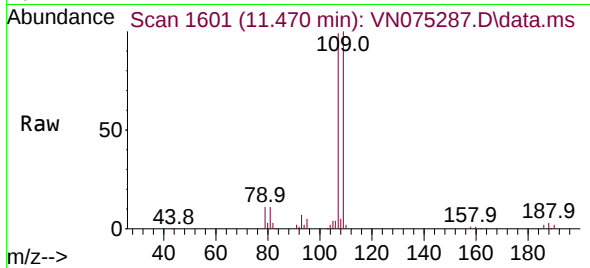
Tgt Ion:129 Resp: 113859
Ion Ratio Lower Upper
129 100
127 76.4 38.6 115.8





#61
1,2-Dibromoethane
Concen: 60.885 ug/l
RT: 11.470 min Scan# 1601
Delta R.T. -0.001 min
Lab File: VN075287.D
Acq: 16 Nov 2022 14:28

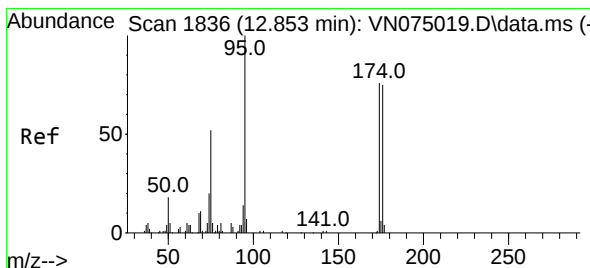
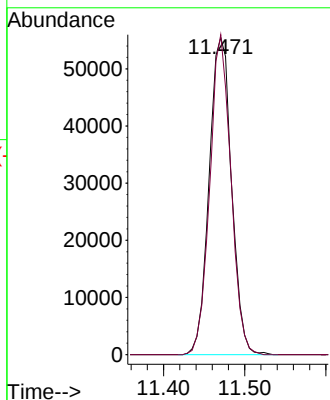
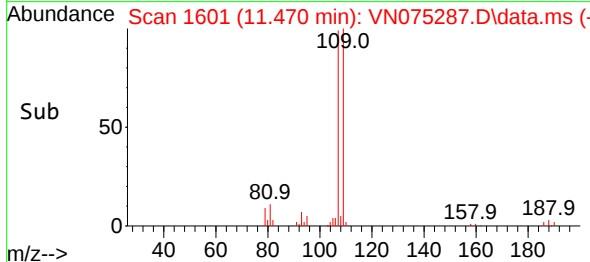
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



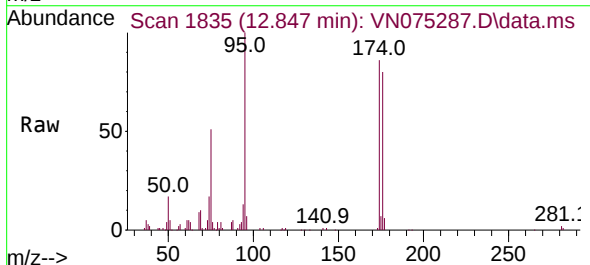
Tgt Ion:107 Resp: 106262
Ion Ratio Lower Upper
107 100
109 95.0 75.6 113.4

Manual Integrations
APPROVED

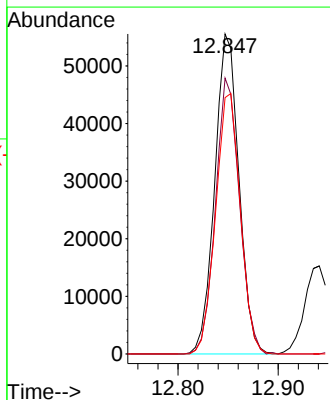
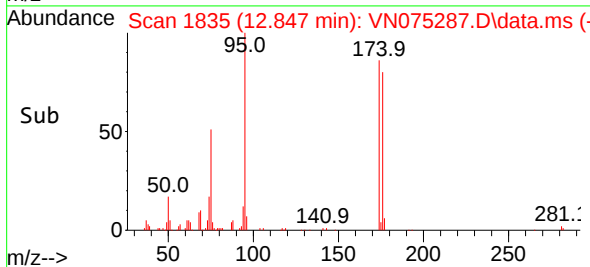
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022

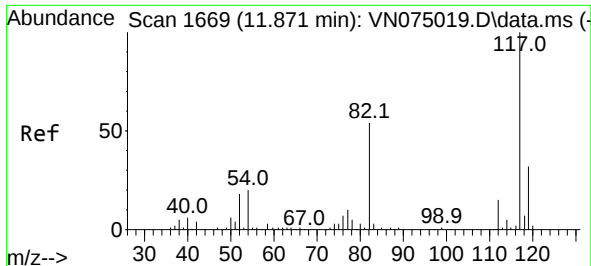


#62
4-Bromofluorobenzene
Concen: 50.474 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN075287.D
Acq: 16 Nov 2022 14:28



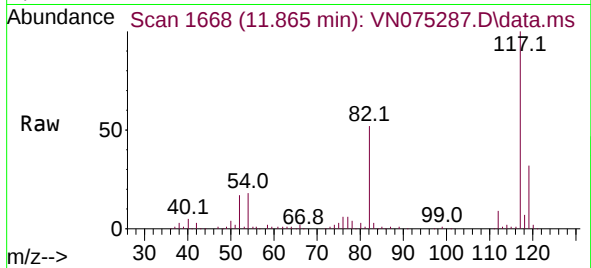
Tgt Ion: 95 Resp: 93242
Ion Ratio Lower Upper
95 100
174 85.5 0.0 147.4
176 83.2 0.0 142.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VN075287.D
Acq: 16 Nov 2022 14:28

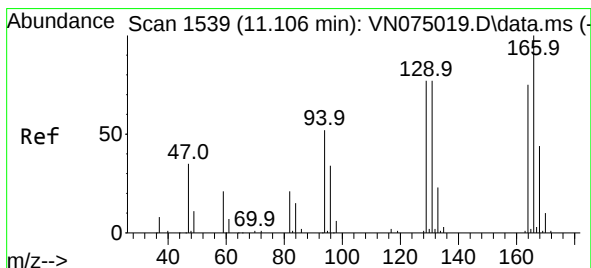
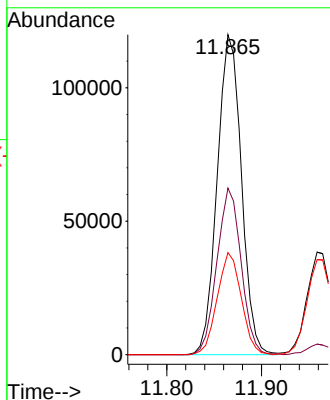
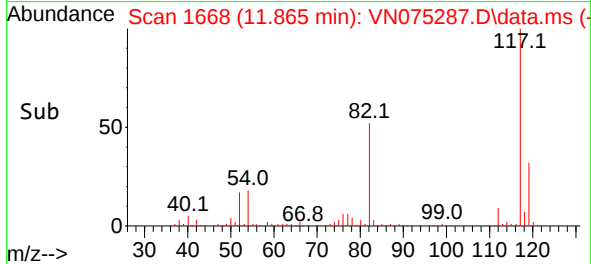
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 212889
Ion Ratio Lower Upper
117 100
82 52.1 43.1 64.7
119 31.9 25.5 38.3

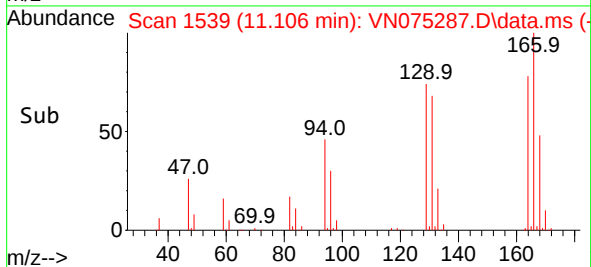
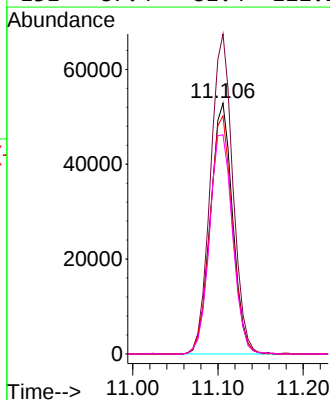
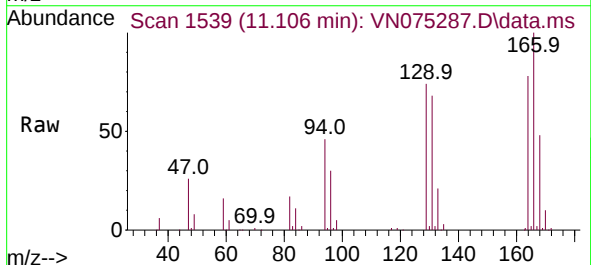
Manual Integrations
APPROVED

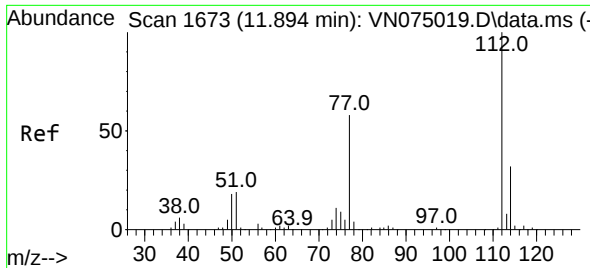
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#64
Tetrachloroethene
Concen: 73.378 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075287.D
Acq: 16 Nov 2022 14:28

Tgt Ion:164 Resp: 95772
Ion Ratio Lower Upper
164 100
166 127.7 106.5 159.7
129 95.0 81.9 122.9
131 87.4 81.4 122.2





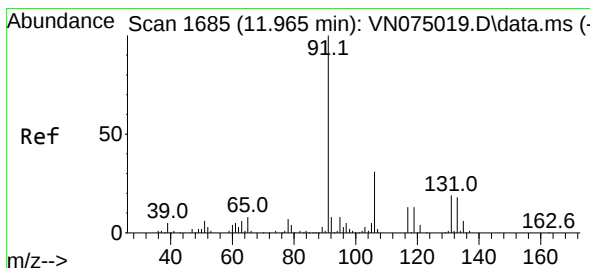
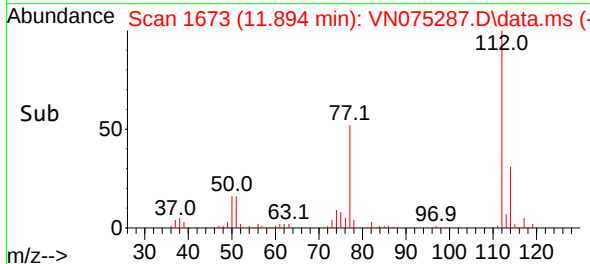
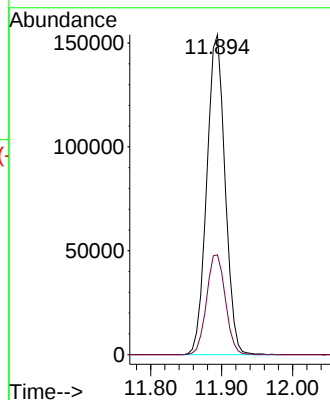
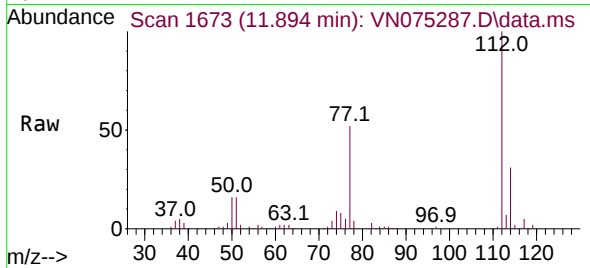
#65
Chlorobenzene
Concen: 60.505 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075287.D
Acq: 16 Nov 2022 14:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 274948
Ion Ratio Lower Upper
112 100
114 31.2 25.4 38.2

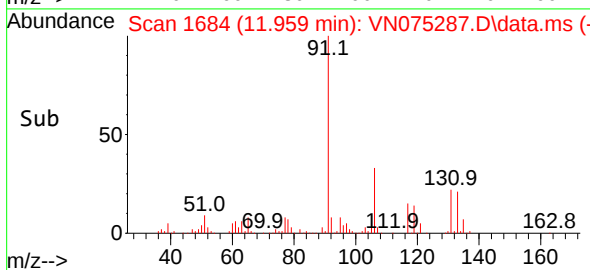
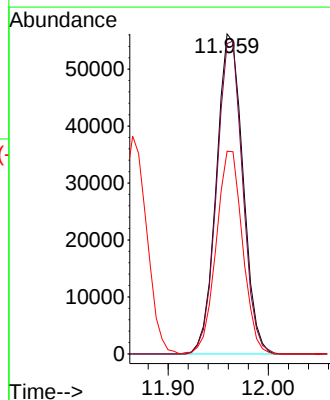
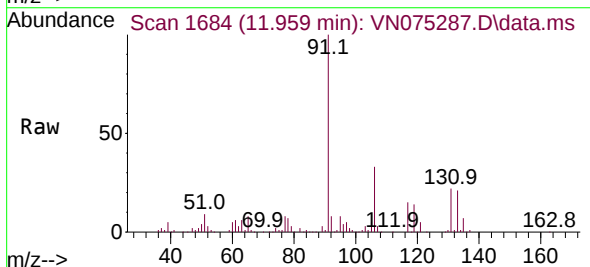
Manual Integrations
APPROVED

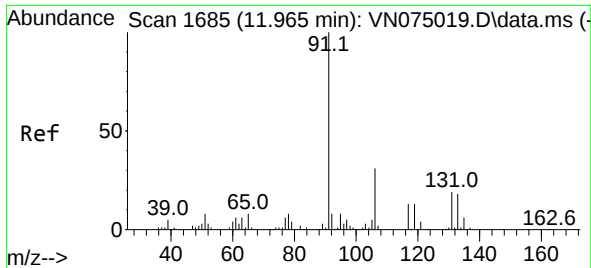
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 61.400 ug/l
RT: 11.959 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN075287.D
Acq: 16 Nov 2022 14:28

Tgt Ion:131 Resp: 103502
Ion Ratio Lower Upper
131 100
133 95.5 47.8 143.4
119 63.0 33.0 99.0





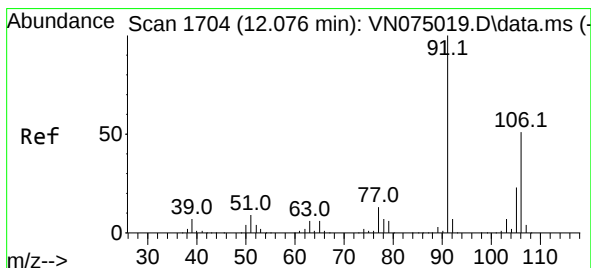
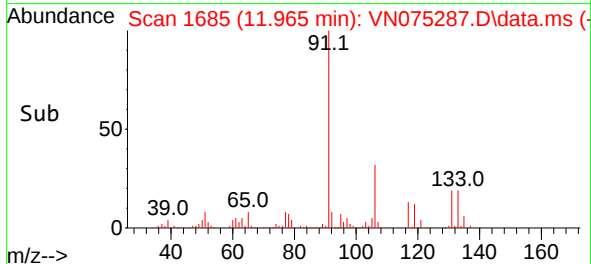
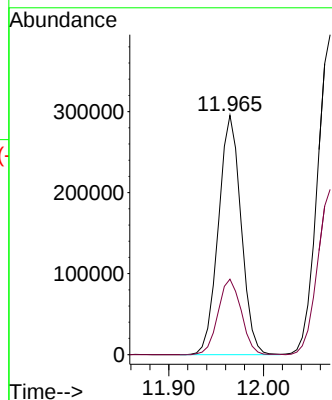
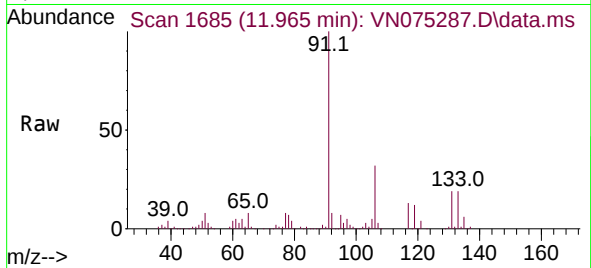
#67
Ethyl Benzene
Concen: 60.096 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075287.D
Acq: 16 Nov 2022 14:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 491321
Ion Ratio Lower Upper
91 100
106 31.5 24.9 37.3

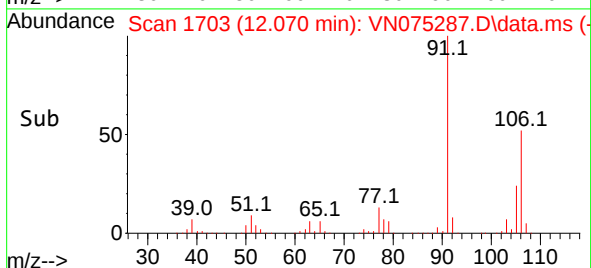
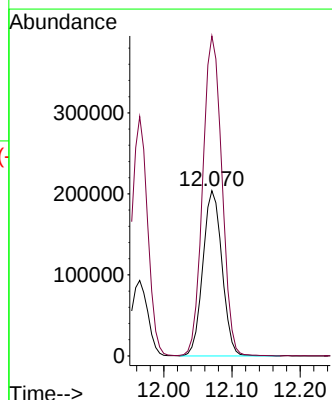
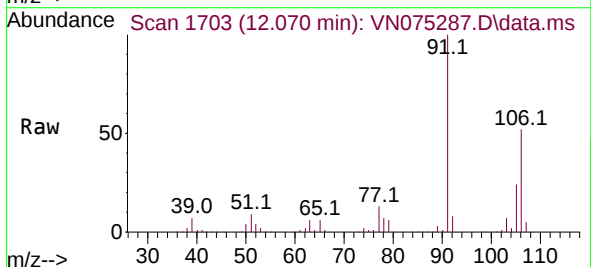
Manual Integrations
APPROVED

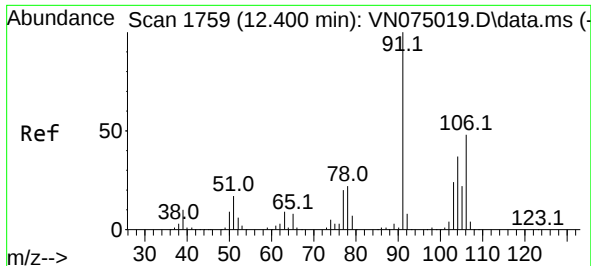
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#68
m/p-Xylenes
Concen: 120.922 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN075287.D
Acq: 16 Nov 2022 14:28

Tgt Ion:106 Resp: 396680
Ion Ratio Lower Upper
106 100
91 194.7 156.0 234.0





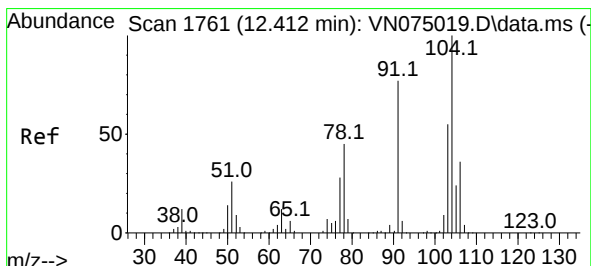
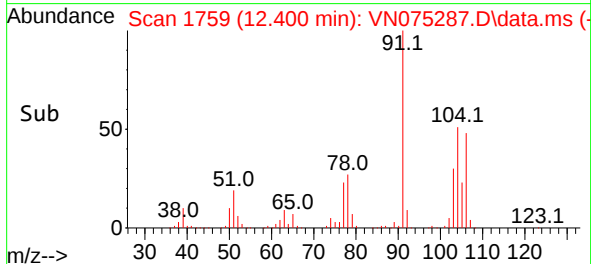
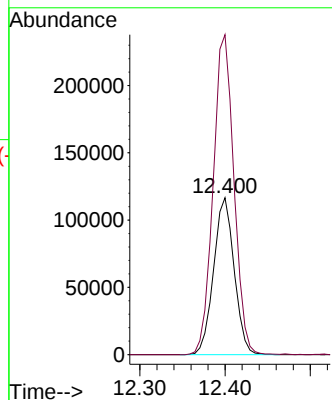
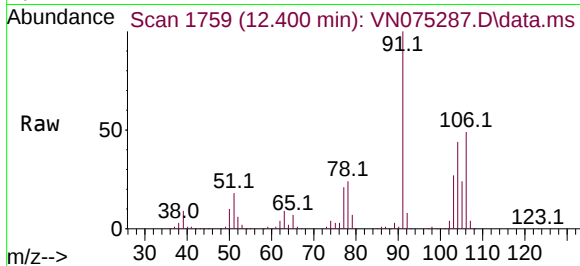
#69
o-Xylene
Concen: 60.161 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075287.D
Acq: 16 Nov 2022 14:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 195174
Ion Ratio Lower Upper
106 100
91 205.9 105.2 315.5

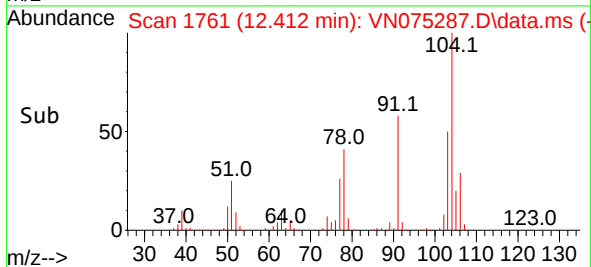
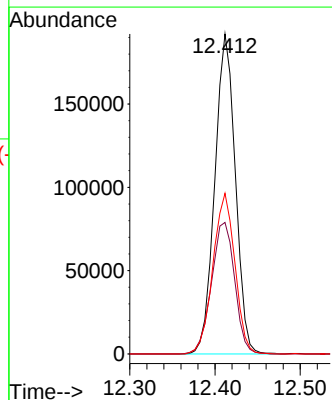
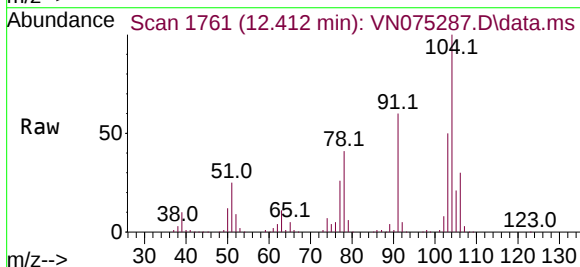
Manual Integrations
APPROVED

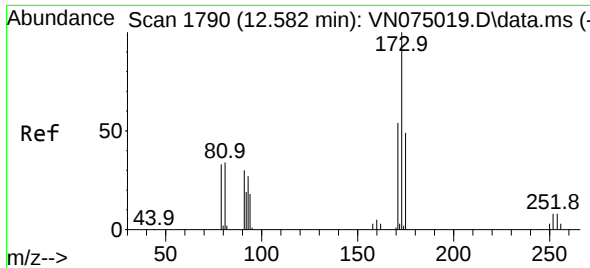
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#70
Styrene
Concen: 62.236 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075287.D
Acq: 16 Nov 2022 14:28

Tgt Ion:104 Resp: 321935
Ion Ratio Lower Upper
104 100
78 46.2 38.1 57.1
103 53.6 44.6 66.8





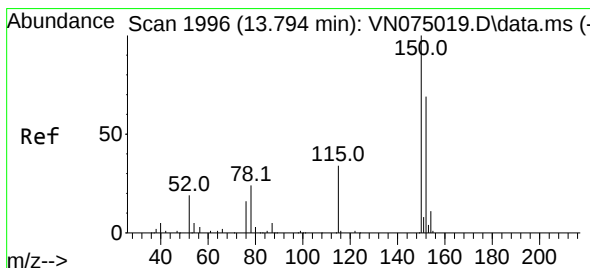
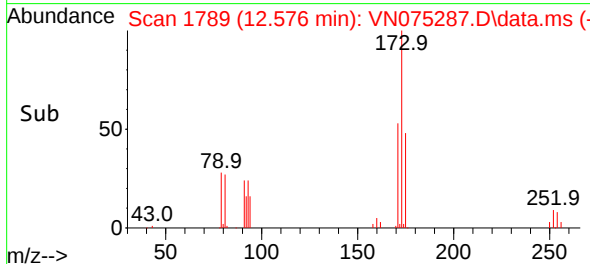
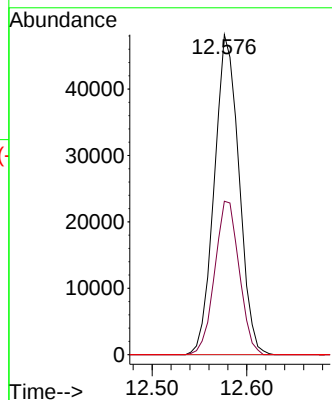
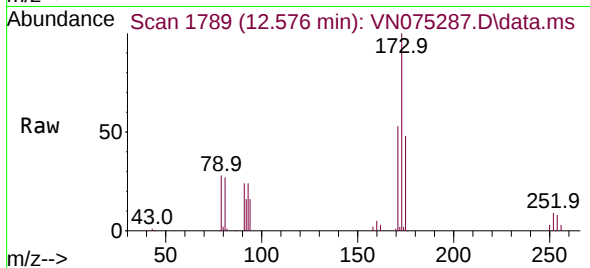
#71
Bromoform
Concen: 69.000 ug/l
RT: 12.576 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VN075287.D
Acq: 16 Nov 2022 14:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 87083
Ion Ratio Lower Upper
173 100
175 47.6 24.6 74.0
254 0.0 0.0 0.0

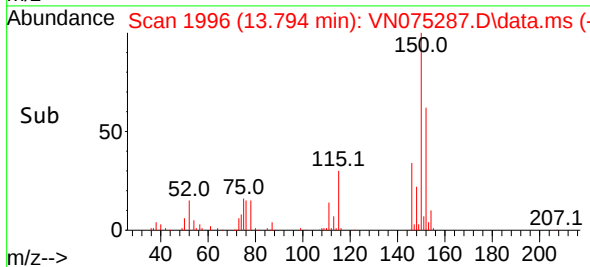
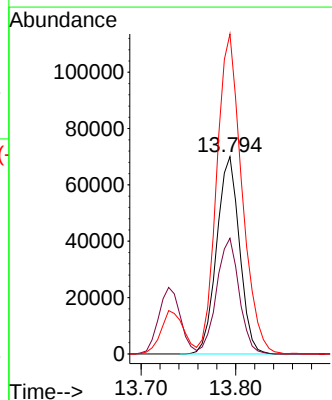
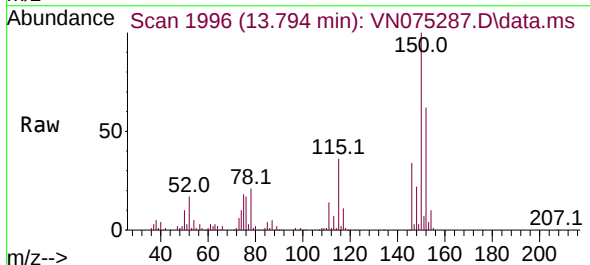
Manual Integrations
APPROVED

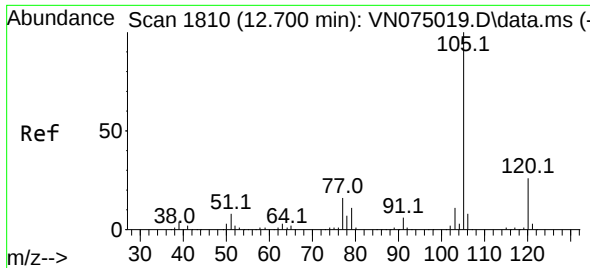
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075287.D
Acq: 16 Nov 2022 14:28

Tgt Ion:152 Resp: 117086
Ion Ratio Lower Upper
152 100
115 57.8 30.2 90.6
150 178.7 0.0 348.4





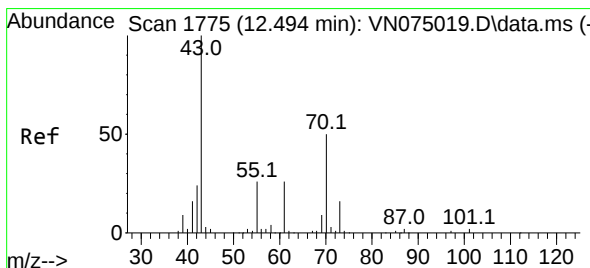
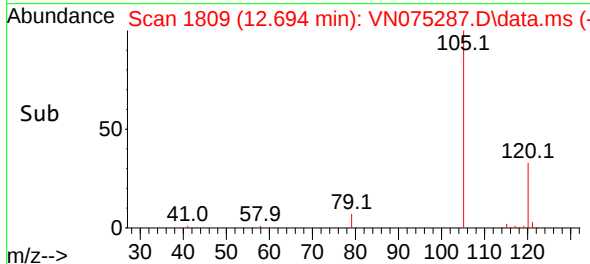
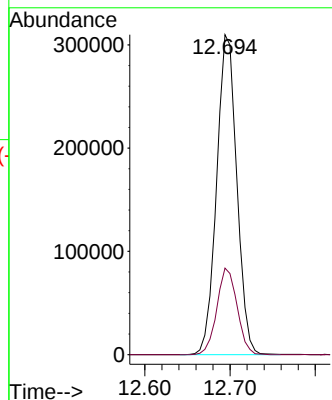
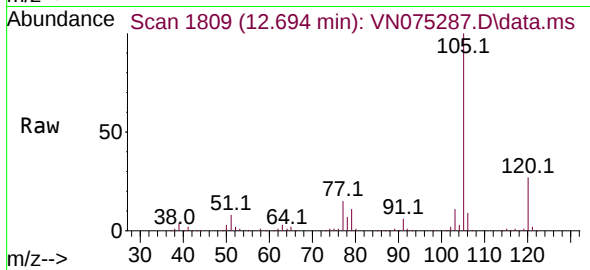
#73
Isopropylbenzene
Concen: 54.179 ug/l
RT: 12.694 min Scan# 1810
Delta R.T. -0.006 min
Lab File: VN075287.D
Acq: 16 Nov 2022 14:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 509270
Ion Ratio Lower Upper
105 100
120 27.1 13.1 39.1

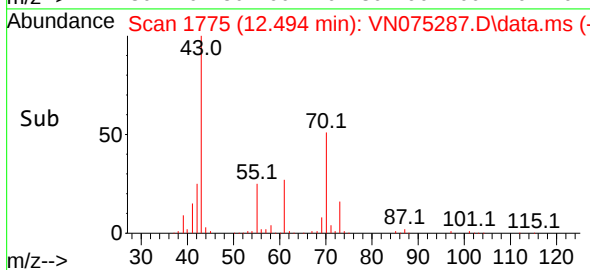
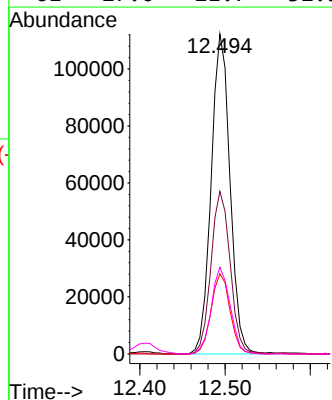
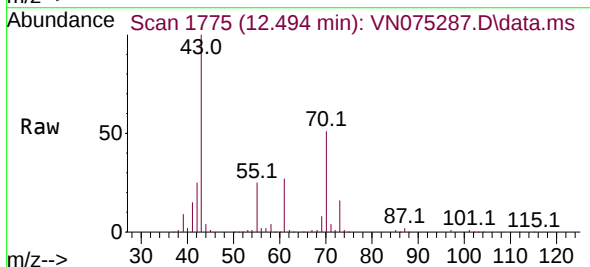
Manual Integrations
APPROVED

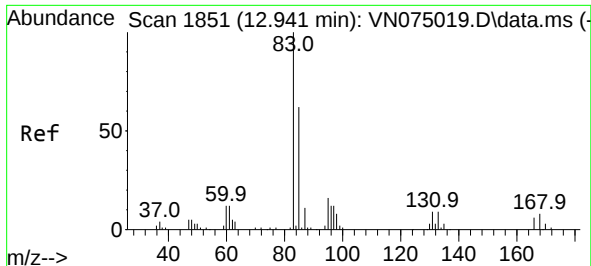
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#74
N-ethyl acetate
Concen: 49.659 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN075287.D
Acq: 16 Nov 2022 14:28

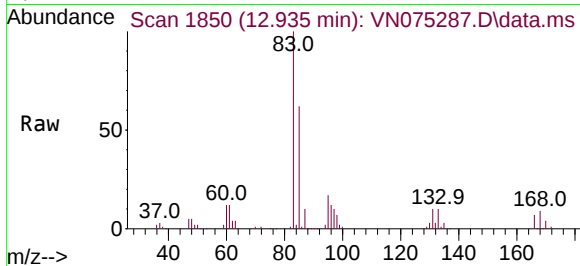
Tgt Ion: 43 Resp: 172642
Ion Ratio Lower Upper
43 100
70 51.8 39.8 59.8
55 25.1 19.9 29.9
61 27.0 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 57.246 ug/l
RT: 12.935 min Scan# 1851
Delta R.T. -0.006 min
Lab File: VN075287.D
Acq: 16 Nov 2022 14:28

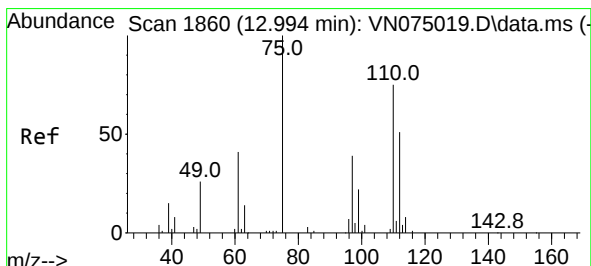
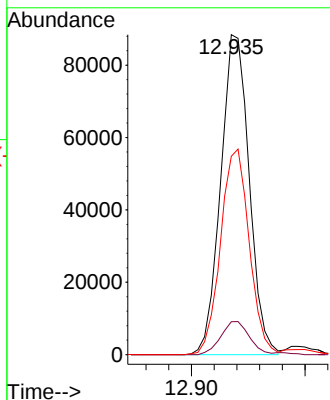
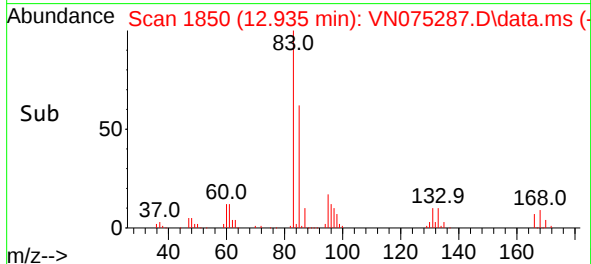
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 154045
Ion Ratio Lower Upper
83 100
131 10.7 5.1 15.3
85 64.5 31.6 94.7

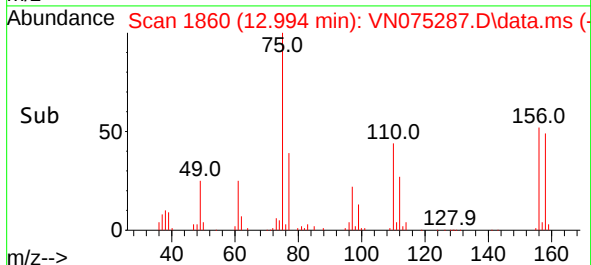
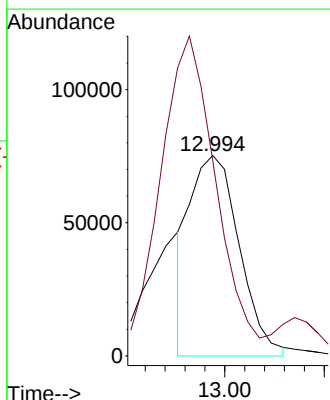
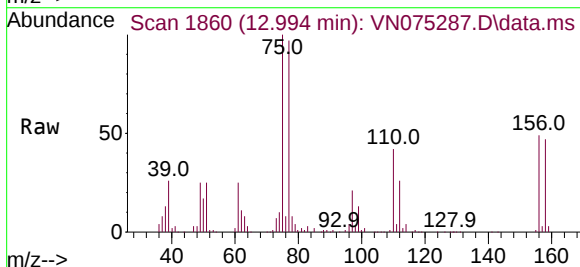
Manual Integrations
APPROVED

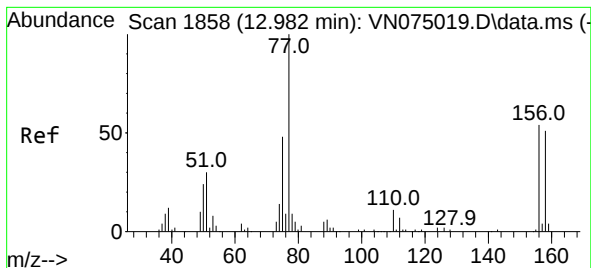
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#76
1,2,3-Trichloropropane
Concen: 51.967 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN075287.D
Acq: 16 Nov 2022 14:28

Tgt Ion: 75 Resp: 129193
Ion Ratio Lower Upper
75 100
77 181.2 75.6 226.8





#77

Bromobenzene

Concen: 59.961 ug/l

RT: 12.982 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VN075287.D

Acq: 16 Nov 2022 14:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

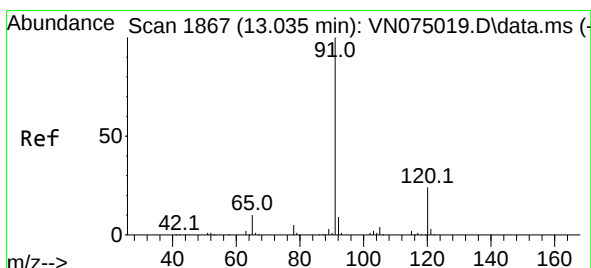
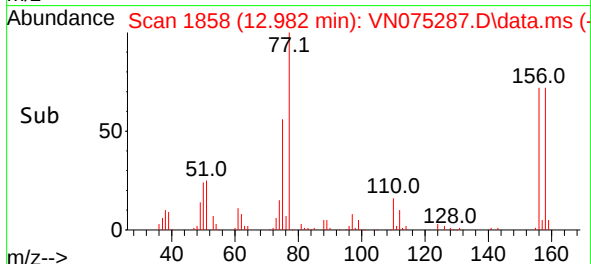
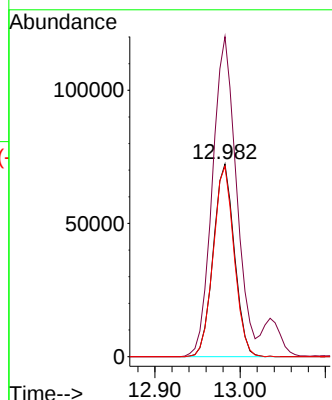
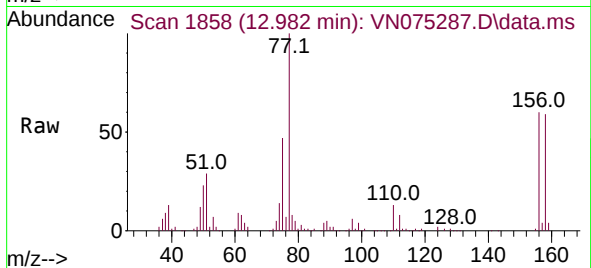
Tgt Ion:156 Resp: 124104
 Ion Ratio Lower Upper
 156 100
 77 188.6 108.5 325.5
 158 97.8 47.7 143.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2022

Supervised By :Mahesh Dadoda 11/17/2022



#78

n-propylbenzene

Concen: 55.746 ug/l

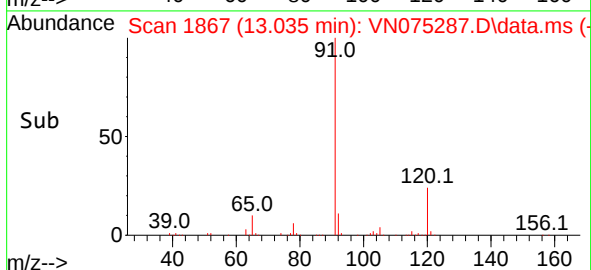
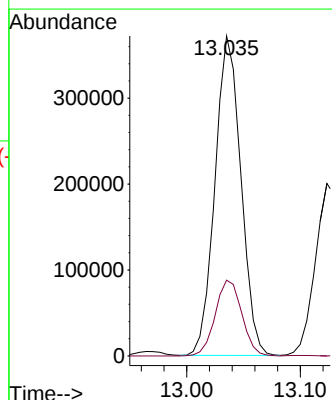
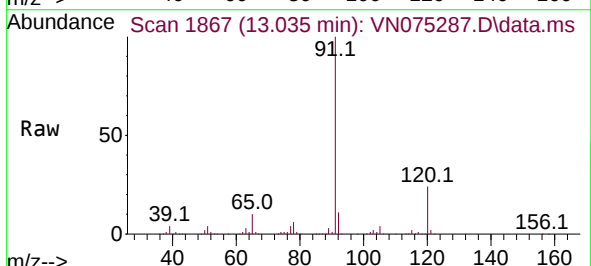
RT: 13.035 min Scan# 1867

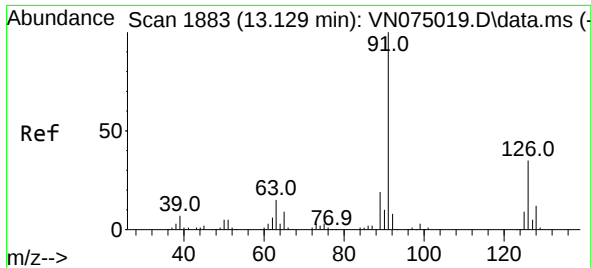
Delta R.T. 0.000 min

Lab File: VN075287.D

Acq: 16 Nov 2022 14:28

Tgt Ion: 91 Resp: 588313
 Ion Ratio Lower Upper
 91 100
 120 24.2 11.9 35.5





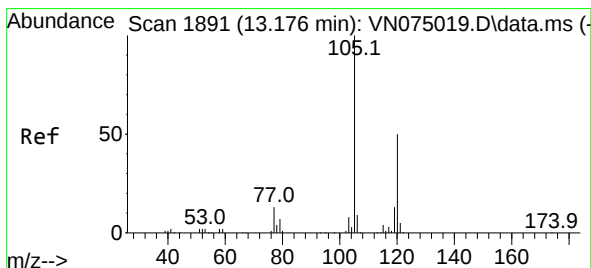
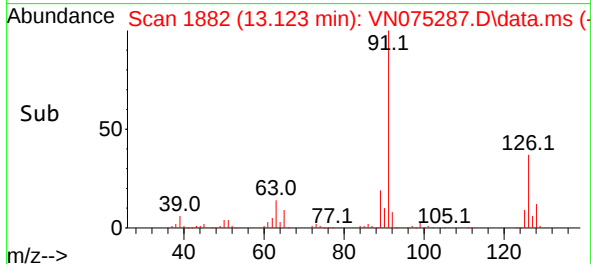
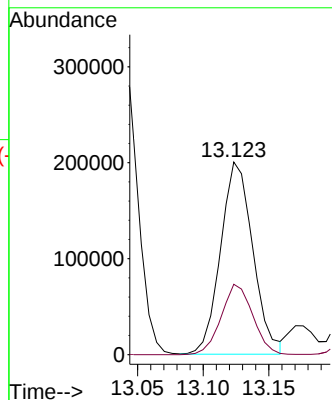
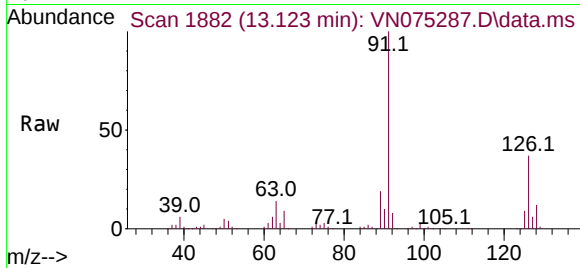
#79
2-Chlorotoluene
Concen: 53.337 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VN075287.D
Acq: 16 Nov 2022 14:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 343971
Ion Ratio Lower Upper
91 100
126 35.8 16.9 50.7

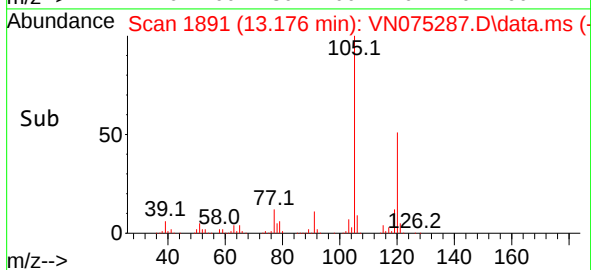
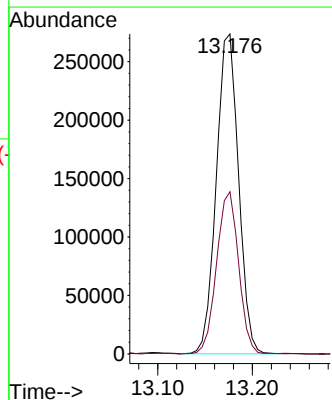
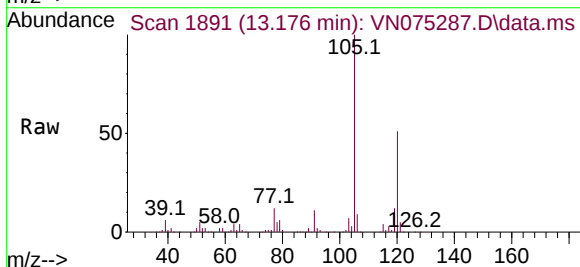
Manual Integrations
APPROVED

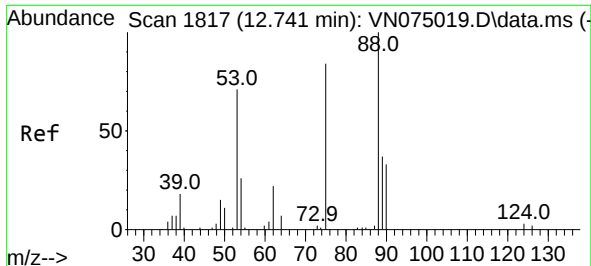
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#80
1,3,5-Trimethylbenzene
Concen: 56.512 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075287.D
Acq: 16 Nov 2022 14:28

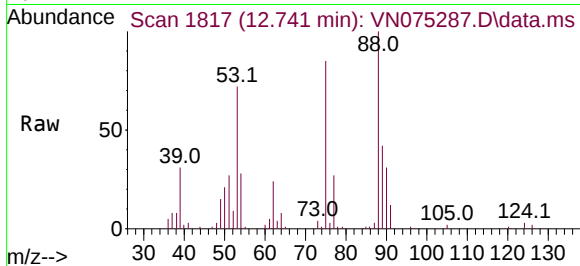
Tgt Ion:105 Resp: 446171
Ion Ratio Lower Upper
105 100
120 50.2 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 51.398 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.000 min
Lab File: VN075287.D
Acq: 16 Nov 2022 14:28

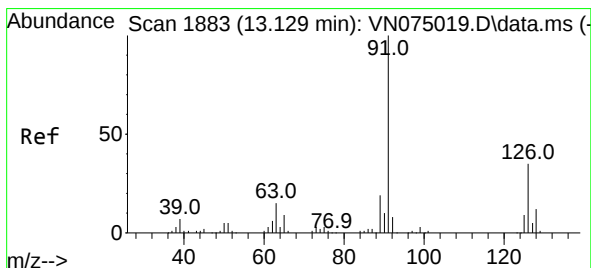
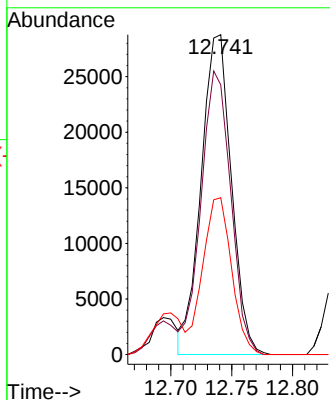
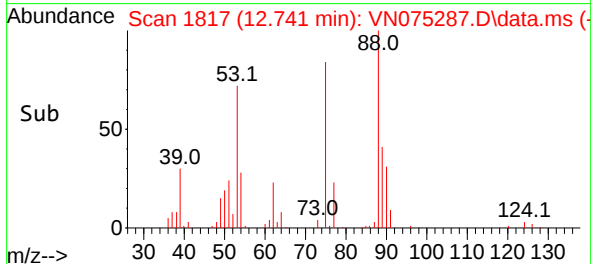
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 4977
Ion Ratio Lower Upper
75 100
53 87.5 78.5 117.7
89 46.8 37.7 56.5

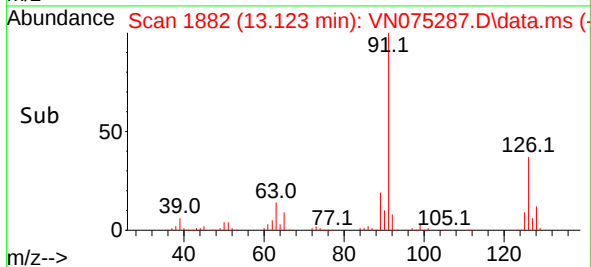
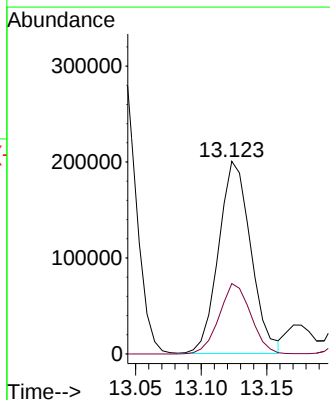
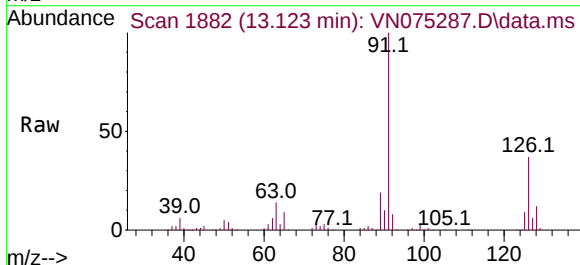
Manual Integrations
APPROVED

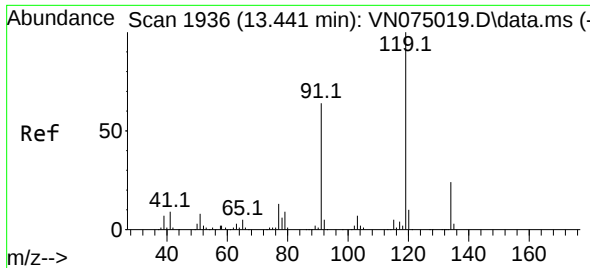
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#82
4-Chlorotoluene
Concen: 53.337 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VN075287.D
Acq: 16 Nov 2022 14:28

Tgt Ion: 91 Resp: 343971
Ion Ratio Lower Upper
91 100
126 35.8 16.9 50.7





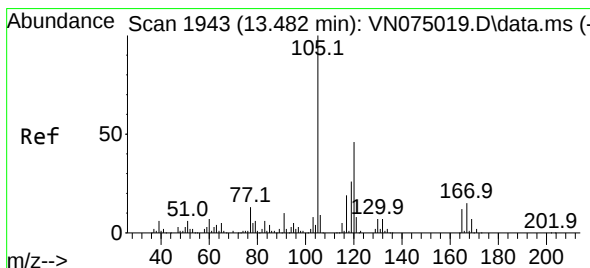
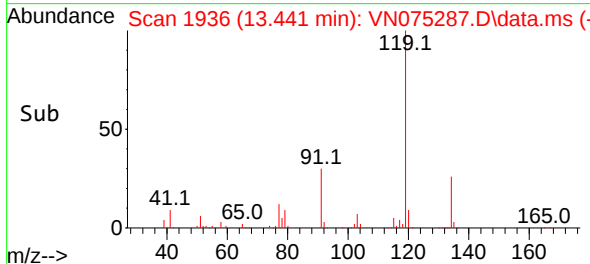
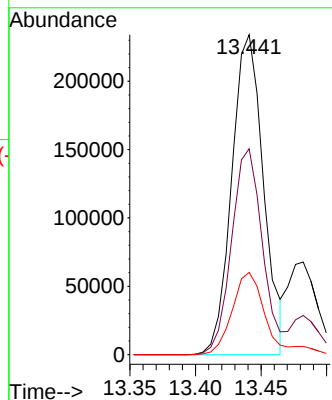
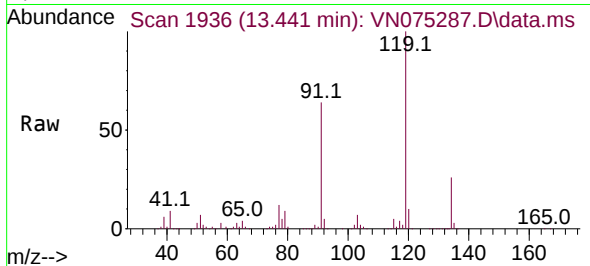
#83
tert-Butylbenzene
Concen: 56.177 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN075287.D
Acq: 16 Nov 2022 14:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 394097
Ion Ratio Lower Upper
119 100
91 62.3 32.8 98.4
134 27.4 12.3 36.9

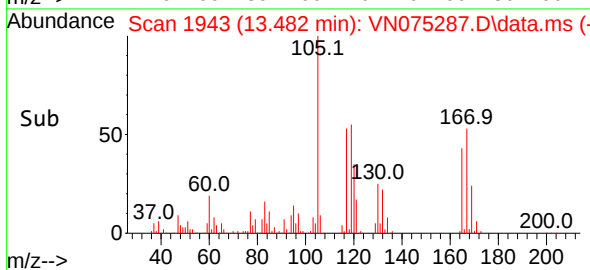
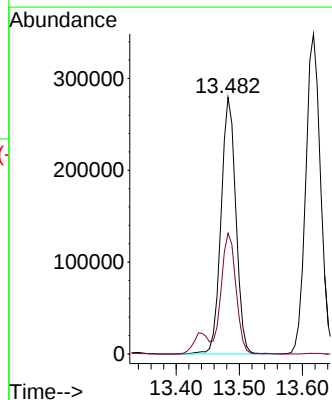
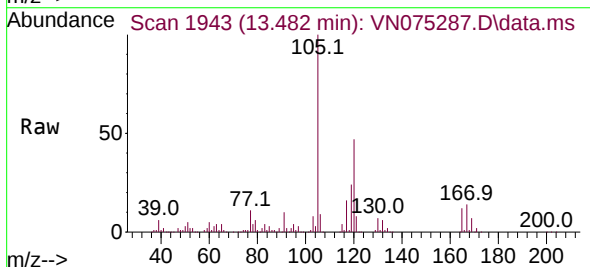
Manual Integrations
APPROVED

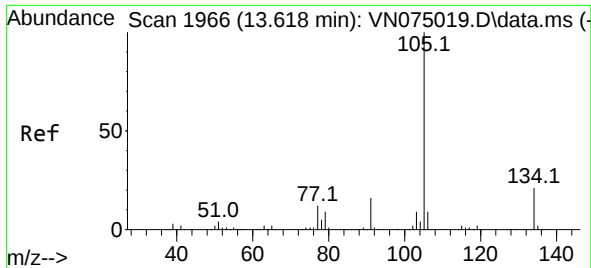
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#84
1,2,4-Trimethylbenzene
Concen: 56.860 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075287.D
Acq: 16 Nov 2022 14:28

Tgt Ion:105 Resp: 454204
Ion Ratio Lower Upper
105 100
120 47.2 22.7 68.1





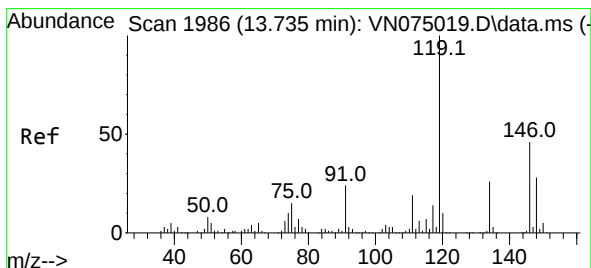
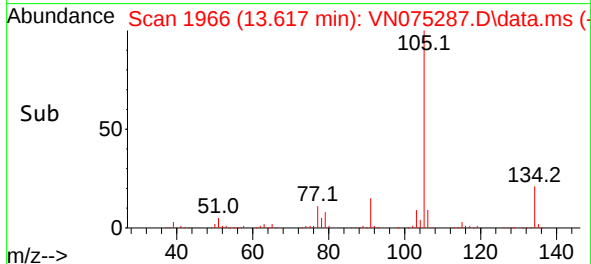
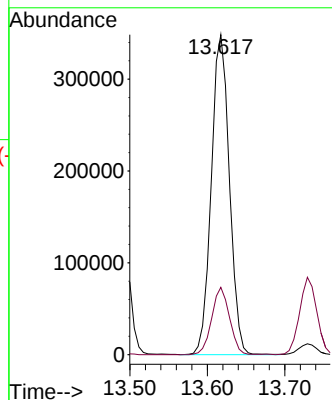
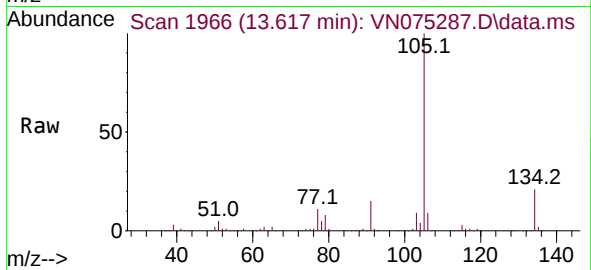
#85
 sec-Butylbenzene
 Concen: 57.606 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.001 min
 Lab File: VN075287.D
 Acq: 16 Nov 2022 14:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 565336
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.2 30.6

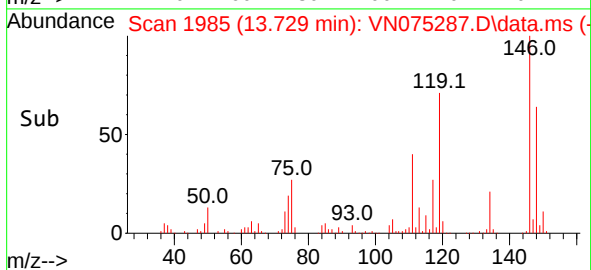
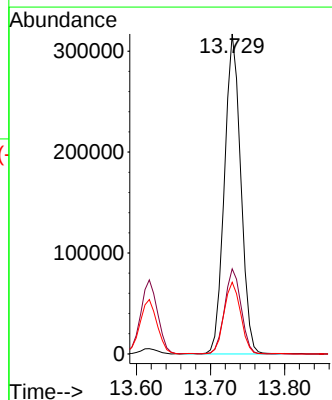
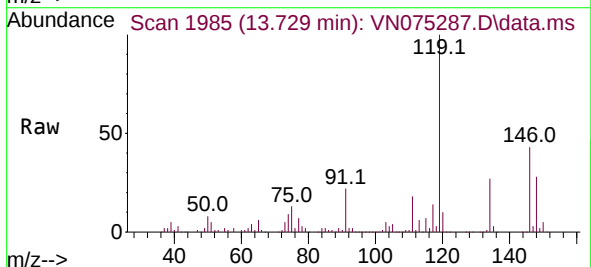
Manual Integrations
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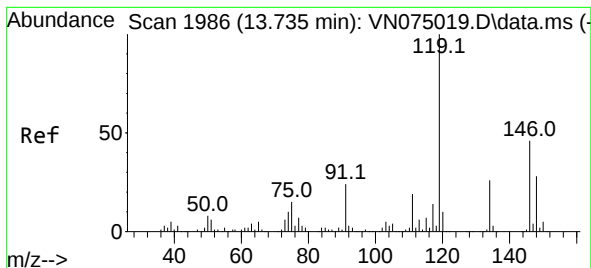
Reviewed By :John Carlone 11/17/2022
 Supervised By :Mahesh Dadoda 11/17/2022



#86
 p-Isopropyltoluene
 Concen: 59.964 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.006 min
 Lab File: VN075287.D
 Acq: 16 Nov 2022 14:28

Tgt Ion:119 Resp: 486004
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.1 39.3
 91 22.8 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 61.447 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN075287.D

Acq: 16 Nov 2022 14:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 249013

Ion Ratio Lower Upper

146 100

111 39.5 20.8 62.5

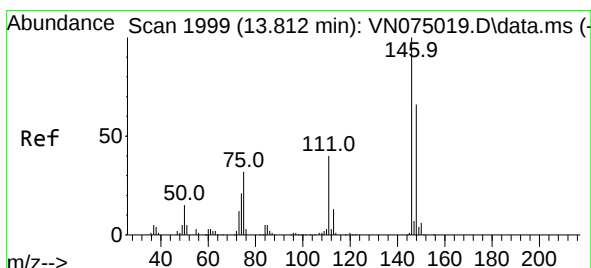
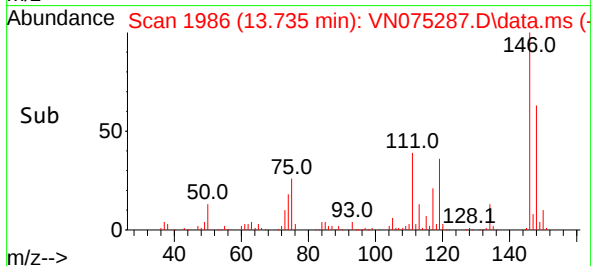
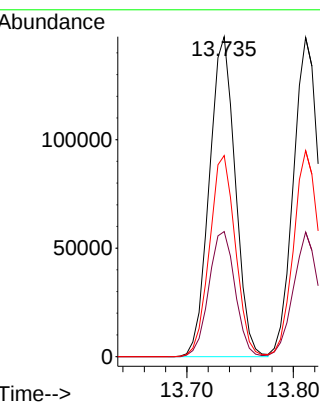
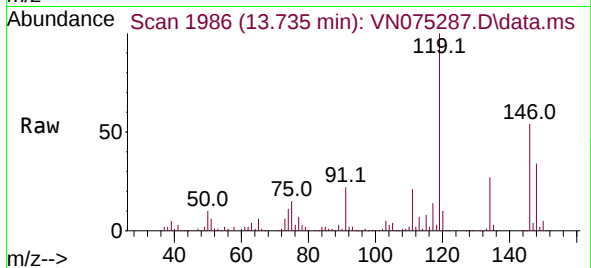
148 62.9 31.1 93.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2022

Supervised By :Mahesh Dadoda 11/17/2022



#88

1,4-Dichlorobenzene

Concen: 61.814 ug/l

RT: 13.812 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VN075287.D

Acq: 16 Nov 2022 14:28

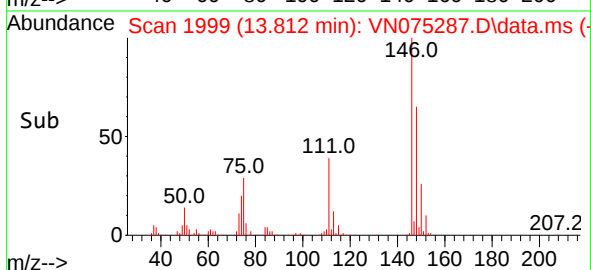
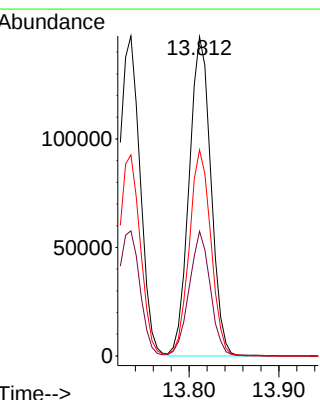
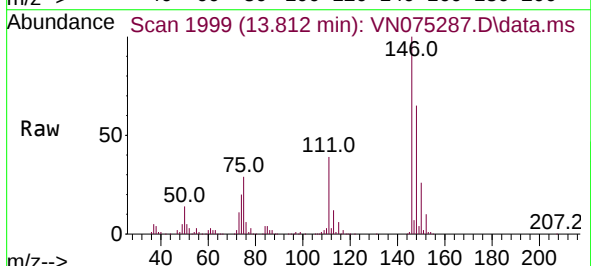
Tgt Ion:146 Resp: 247913

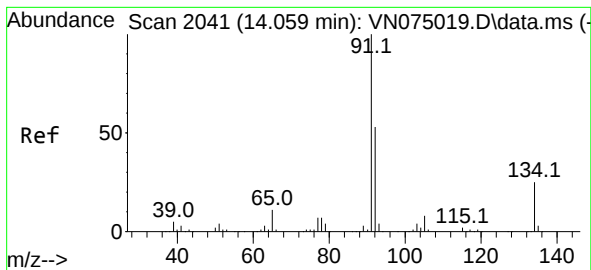
Ion Ratio Lower Upper

146 100

111 37.8 20.1 60.3

148 64.2 31.9 95.7





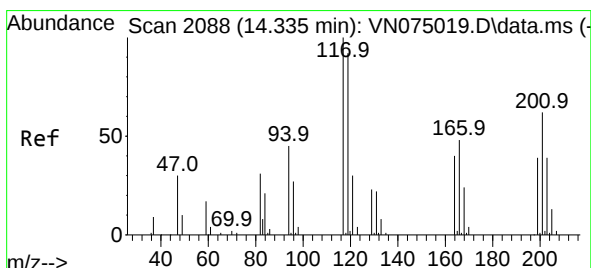
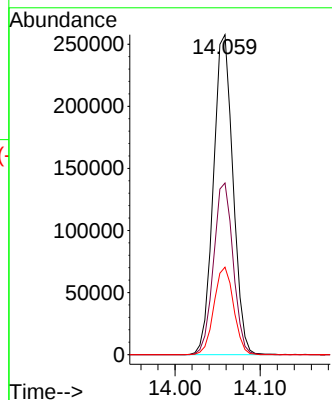
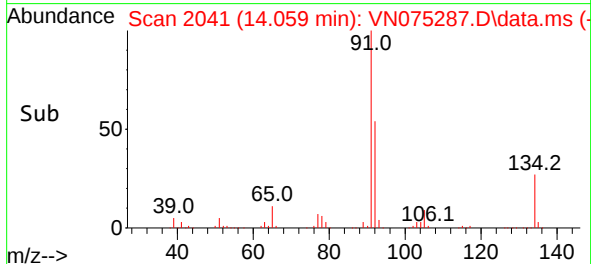
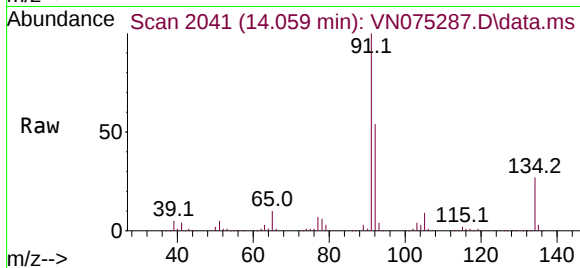
#89
n-Butylbenzene
Concen: 63.012 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075287.D
Acq: 16 Nov 2022 14:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 411263
Ion Ratio Lower Upper
91 100
92 53.6 26.5 79.4
134 27.4 13.0 39.0

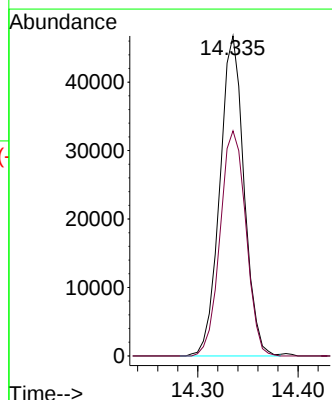
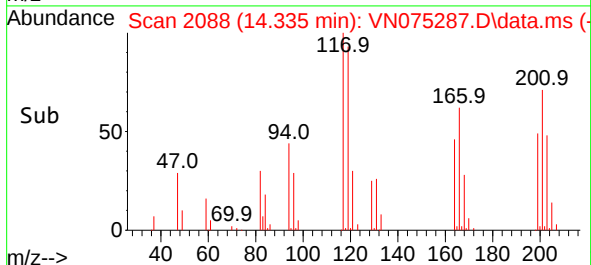
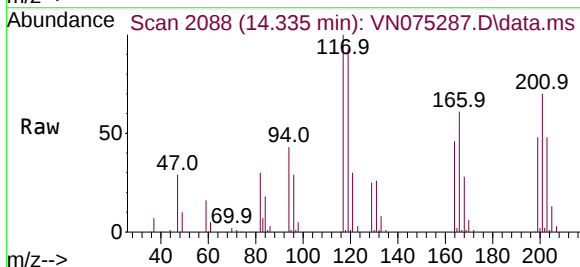
Manual Integrations
APPROVED

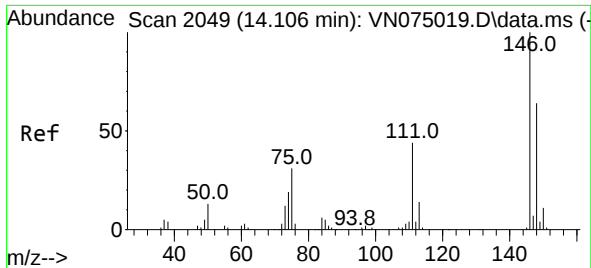
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#90
Hexachloroethane
Concen: 52.947 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075287.D
Acq: 16 Nov 2022 14:28

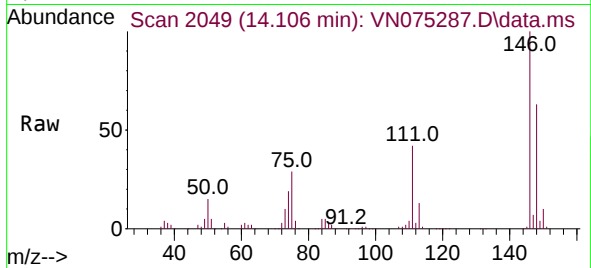
Tgt Ion:117 Resp: 78681
Ion Ratio Lower Upper
117 100
201 74.5 31.5 94.5





#91
1,2-Dichlorobenzene
Concen: 60.681 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN075287.D
Acq: 16 Nov 2022 14:28

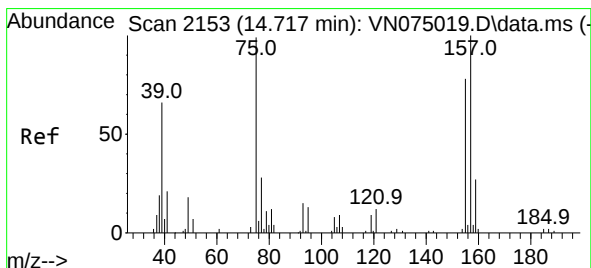
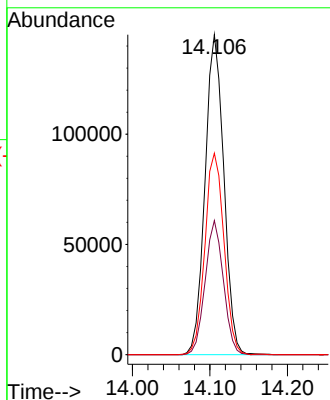
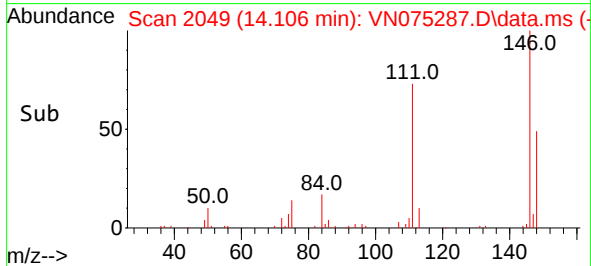
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



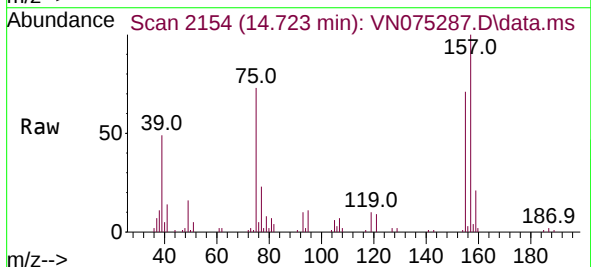
Tgt Ion:146 Resp: 244476
Ion Ratio Lower Upper
146 100
111 40.6 21.3 63.9
148 63.9 31.4 94.2

Manual Integrations
APPROVED

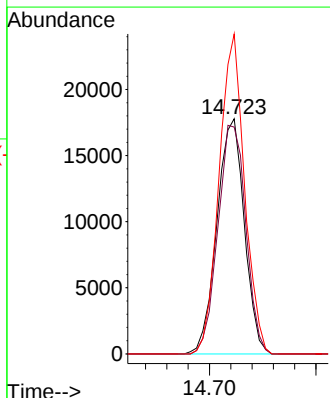
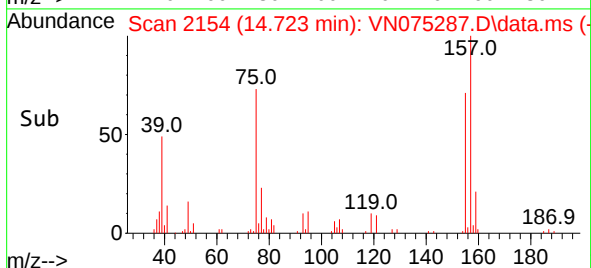
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022

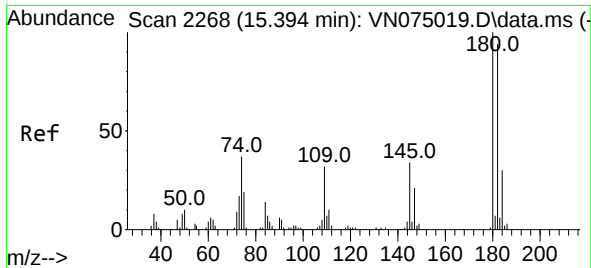


#92
1,2-Dibromo-3-Chloropropane
Concen: 50.104 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.006 min
Lab File: VN075287.D
Acq: 16 Nov 2022 14:28



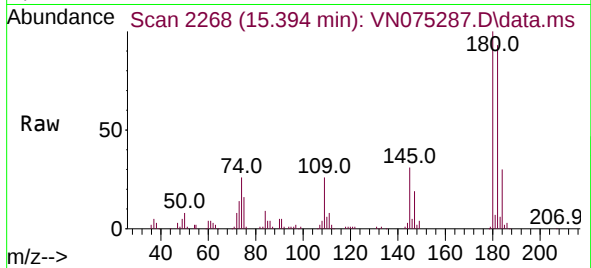
Tgt Ion: 75 Resp: 31768
Ion Ratio Lower Upper
75 100
155 98.9 42.1 126.3
157 126.1 51.7 155.1





#93
1,2,4-Trichlorobenzene
Concen: 80.796 ug/l
RT: 15.394 min Scan# 2268
Delta R.T. -0.000 min
Lab File: VN075287.D
Acq: 16 Nov 2022 14:28

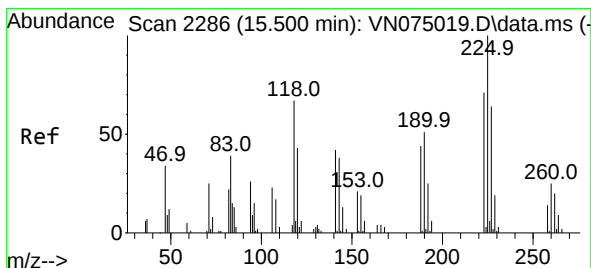
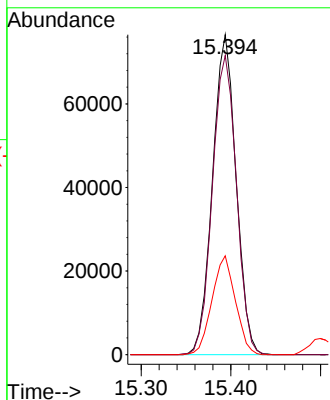
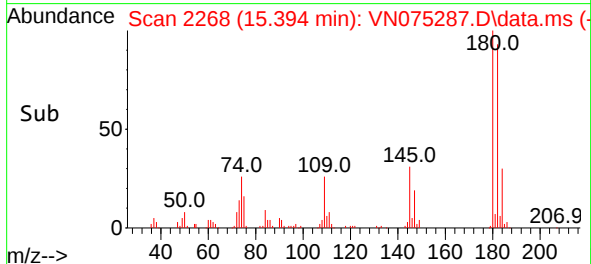
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



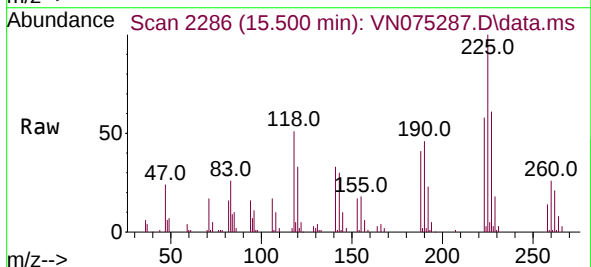
Tgt Ion:180 Resp: 140070
Ion Ratio Lower Upper
180 100
182 95.5 47.8 143.4
145 30.6 16.8 50.3

Manual Integrations
APPROVED

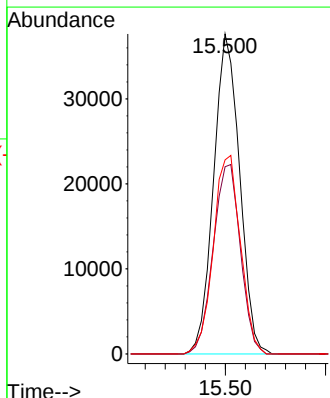
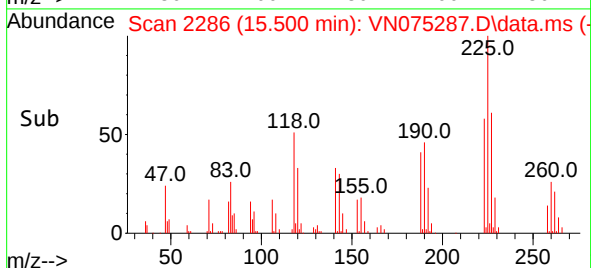
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022

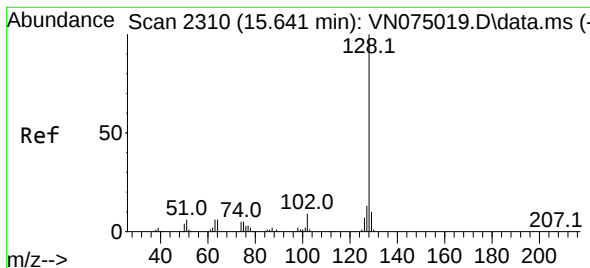


#94
Hexachlorobutadiene
Concen: 80.217 ug/l
RT: 15.500 min Scan# 2286
Delta R.T. -0.000 min
Lab File: VN075287.D
Acq: 16 Nov 2022 14:28



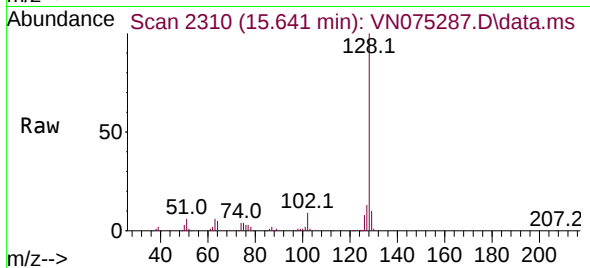
Tgt Ion:225 Resp: 67795
Ion Ratio Lower Upper
225 100
223 61.8 32.3 96.9
227 64.6 32.0 96.2





#95
Naphthalene
Concen: 67.581 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075287.D
Acq: 16 Nov 2022 14:28

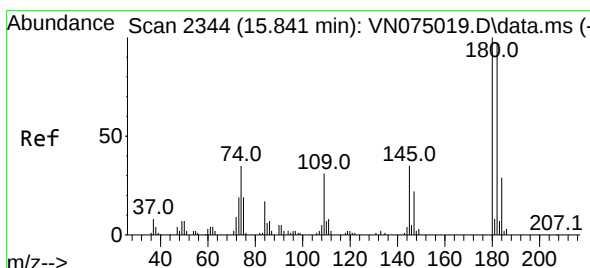
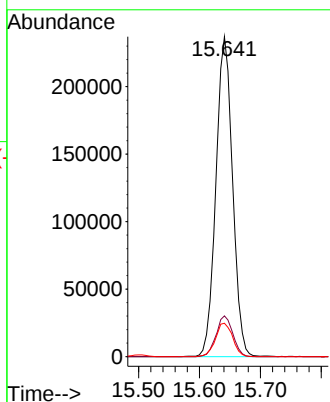
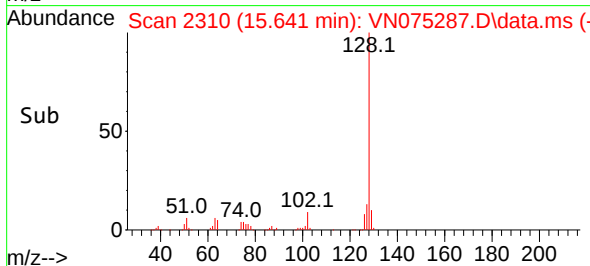
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



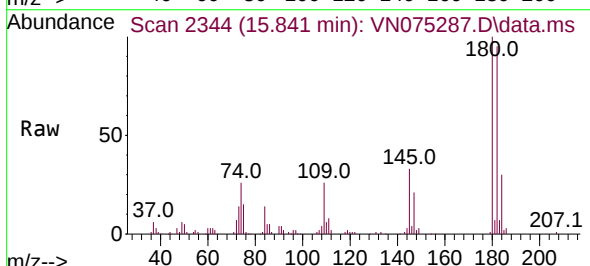
Tgt Ion:128 Resp: 450552
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.8 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#96
1,2,3-Trichlorobenzene
Concen: 78.752 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN075287.D
Acq: 16 Nov 2022 14:28



Tgt Ion:180 Resp: 135654
Ion Ratio Lower Upper
180 100
182 94.9 47.3 141.8
145 32.7 17.6 52.9

