

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102722\
 Data File : VN075047.D
 Acq On : 27 Oct 2022 17:43
 Operator : JC\MD
 Sample : VN1027MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1027MBS01

Quant Time: Oct 28 02:15:36 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

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/28/2022
 Supervised By : Mahesh Dadoda 10/31/2022

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	100143	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	186724	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	169995	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	80021	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	69508	51.514	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.020%			
35) Dibromofluoromethane	8.171	113	54119	49.371	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.740%			
50) Toluene-d8	10.571	98	215644	50.706	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.420%			
62) 4-Bromofluorobenzene	12.853	95	75689	50.664	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.320%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	25900	19.881	ug/l	96
3) Chloromethane	2.371	50	28976	20.940	ug/l	98
4) Vinyl Chloride	2.524	62	39899	20.212	ug/l	96
5) Bromomethane	2.942	94	30942	18.871	ug/l	95
6) Chloroethane	3.124	64	27896	19.707	ug/l	94
7) Trichlorofluoromethane	3.506	101	39918	19.795	ug/l	96
8) Diethyl Ether	3.977	74	15186	20.646	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.389	101	22084	19.830	ug/l	99
10) Methyl Iodide	4.600	142	31828	19.197	ug/l	98
11) Tert butyl alcohol	5.542	59	29725	94.466	ug/l	97
12) 1,1-Dichloroethene	4.348	96	19764	18.618	ug/l	94
13) Acrolein	4.195	56	23290	90.490	ug/l	97
14) Allyl chloride	5.036	41	31447	20.283	ug/l	98
15) Acrylonitrile	5.730	53	65337	98.295	ug/l	99
16) Acetone	4.442	43	56469	98.838	ug/l	99
17) Carbon Disulfide	4.724	76	49570	18.569	ug/l	95
18) Methyl Acetate	5.042	43	38975	20.884	ug/l	99
19) Methyl tert-butyl Ether	5.812	73	76653	19.428	ug/l	99
20) Methylene Chloride	5.289	84	24998	19.624	ug/l #	86
21) trans-1,2-Dichloroethene	5.795	96	21782	18.741	ug/l	97
22) Diisopropyl ether	6.689	45	66577	19.459	ug/l	98
23) Vinyl Acetate	6.612	43	279214m	97.727	ug/l	
24) 1,1-Dichloroethane	6.577	63	42022	19.420	ug/l	99
25) 2-Butanone	7.494	43	89891	100.029	ug/l	99
26) 2,2-Dichloropropane	7.500	77	36033	18.101	ug/l	100
27) cis-1,2-Dichloroethene	7.500	96	26222	18.892	ug/l	96
28) Bromochloromethane	7.818	49	18675	20.473	ug/l	96
29) Tetrahydrofuran	7.847	42	57177	98.463	ug/l	98
30) Chloroform	7.977	83	44760	19.051	ug/l	98
31) Cyclohexane	8.259	56	38324	19.097	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	42495	19.918	ug/l	93
36) 1,1-Dichloropropene	8.377	75	32347	19.061	ug/l	99
37) Ethyl Acetate	7.571	43	34819	18.709	ug/l	97
38) Carbon Tetrachloride	8.365	117	35730	19.140	ug/l	94
39) Methylcyclohexane	9.606	83	41610	18.573	ug/l	96
40) Benzene	8.612	78	100746	19.389	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	17007	19.073	ug/l	95
42) 1,2-Dichloroethane	8.677	62	36806	19.469	ug/l	98
43) Isopropyl Acetate	8.694	43	55308	19.159	ug/l	99
44) Trichloroethene	9.353	130	24202	18.565	ug/l	98
45) 1,2-Dichloropropane	9.624	63	25486	20.610	ug/l	96
46) Dibromomethane	9.712	93	18237	18.930	ug/l	99
47) Bromodichloromethane	9.894	83	36091	19.345	ug/l	97
48) Methyl methacrylate	9.682	41	26069	19.686	ug/l	98
49) 1,4-Dioxane	9.700	88	12976	374.198	ug/l #	94
51) 4-Methyl-2-Pentanone	10.447	43	185383	99.513	ug/l	99
52) Toluene	10.635	92	67415	19.409	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	37317	18.950	ug/l	94
54) cis-1,3-Dichloropropene	10.318	75	40356	19.322	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	26306	19.100	ug/l #	86
56) Ethyl methacrylate	10.877	69	41054	19.542	ug/l	96
57) 1,3-Dichloropropane	11.165	76	45418	19.802	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	81602	100.473	ug/l	98
59) 2-Hexanone	11.200	43	140390	99.294	ug/l	98
60) Dibromochloromethane	11.359	129	26748	18.408	ug/l	98
61) 1,2-Dibromoethane	11.471	107	27046	19.162	ug/l	99
64) Tetrachloroethene	11.112	164	20056	19.244	ug/l #	84
65) Chlorobenzene	11.894	112	70281	19.369	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	25984	19.304	ug/l	99
67) Ethyl Benzene	11.965	91	128889	19.743	ug/l	98
68) m/p-Xylenes	12.071	106	101049	38.576	ug/l	98
69) o-Xylene	12.400	106	51544	19.897	ug/l	97
70) Styrene	12.412	104	79807	19.321	ug/l	99
71) Bromoform	12.576	173	18119	17.979	ug/l #	99
73) Isopropylbenzene	12.700	105	128248	19.963	ug/l	99
74) N-amyl acetate	12.494	43	49796	20.958	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	42107	20.468	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	32374m	19.054	ug/l	
77) Bromobenzene	12.982	156	28305	20.010	ug/l	98
78) n-propylbenzene	13.035	91	143134	19.845	ug/l	99
79) 2-Chlorotoluene	13.129	91	87700	19.898	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	109759	20.342	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	12009	18.144	ug/l	92
82) 4-Chlorotoluene	13.129	91	87700	19.898	ug/l	99
83) tert-Butylbenzene	13.441	119	96244	20.074	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	110256	20.196	ug/l	99
85) sec-Butylbenzene	13.618	105	135375	20.184	ug/l	98
86) p-Isopropyltoluene	13.729	119	109506	19.769	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	53672	19.379	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	52379	19.109	ug/l	98
89) n-Butylbenzene	14.059	91	90154	20.211	ug/l	99
90) Hexachloroethane	14.335	117	19489	19.189	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	54755	19.886	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	8646	19.952	ug/l	96
93) 1,2,4-Trichlorobenzene	15.388	180	23244	19.618	ug/l	98
94) Hexachlorobutadiene	15.500	225	10725	18.568	ug/l	99
95) Naphthalene	15.641	128	90538	19.871	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	23154	19.668	ug/l	97

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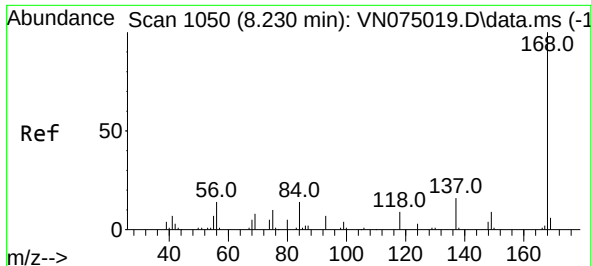
Manual Integrations
APPROVED

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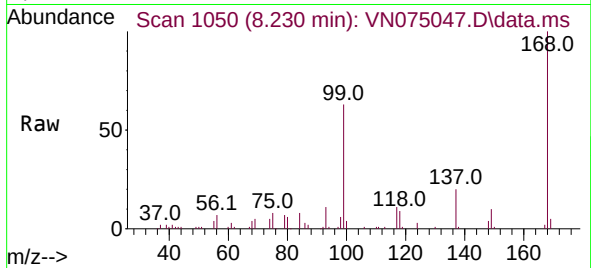
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
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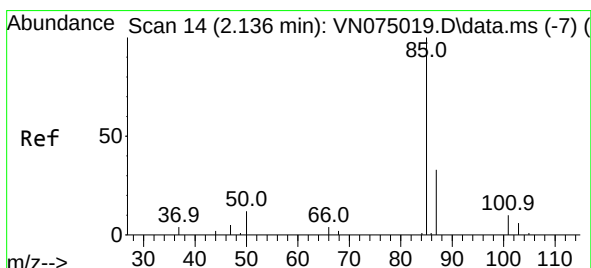
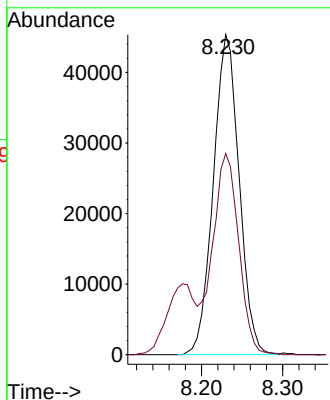
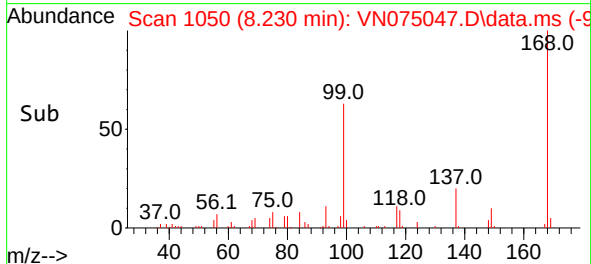
Instrument :
MSVOA_N
ClientSampleId :
VN1027MBS01



Tgt Ion:168 Resp: 10014
Ion Ratio Lower Upper
168 100
99 62.5 51.6 77.4

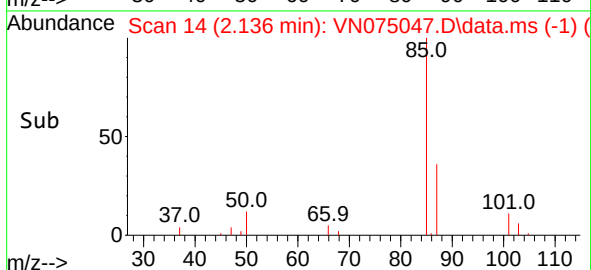
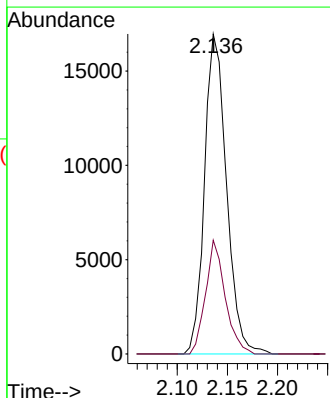
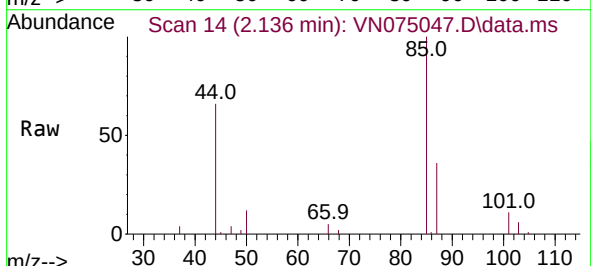
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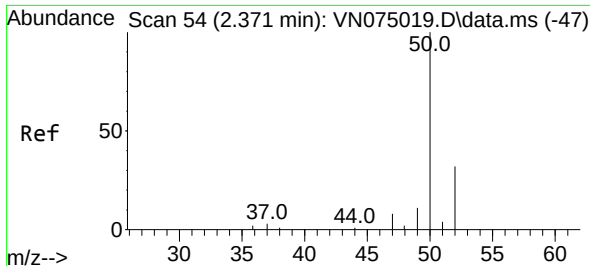
Reviewed By :John Carlone 10/28/2022
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#2
Dichlorodifluoromethane
Concen: 19.881 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075047.D
Acq: 27 Oct 2022 17:43

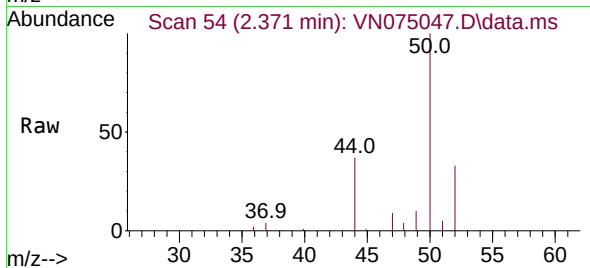
Tgt Ion: 85 Resp: 25900
Ion Ratio Lower Upper
85 100
87 35.6 16.7 50.0





#3
Chloromethane
Concen: 20.940 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075047.D
Acq: 27 Oct 2022 17:43

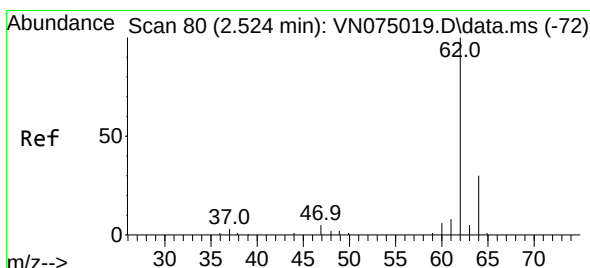
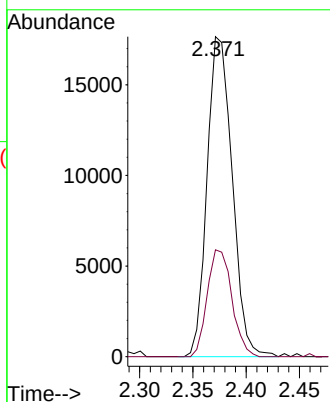
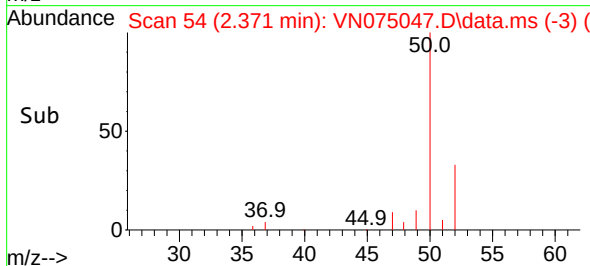
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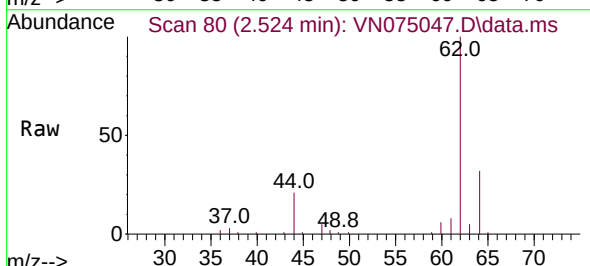
Tgt Ion: 50 Resp: 28970
Ion Ratio Lower Upper
50 100
52 33.4 25.8 38.6

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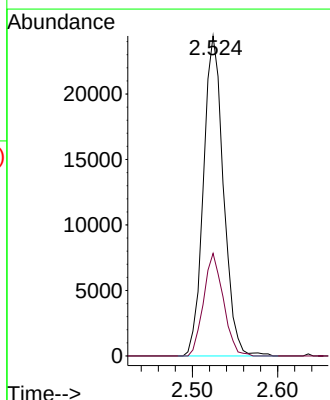
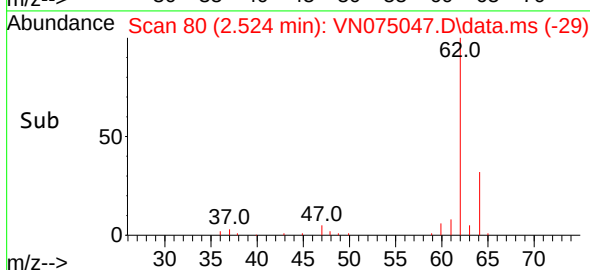
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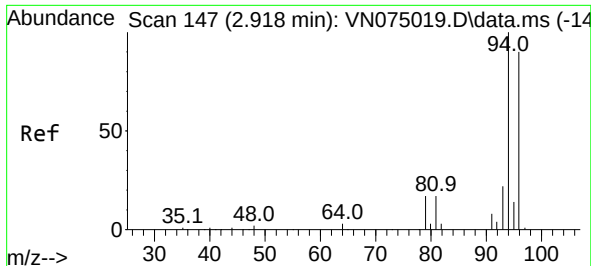


#4
Vinyl Chloride
Concen: 20.212 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075047.D
Acq: 27 Oct 2022 17:43



Tgt Ion: 62 Resp: 39899
Ion Ratio Lower Upper
62 100
64 32.1 24.0 36.0





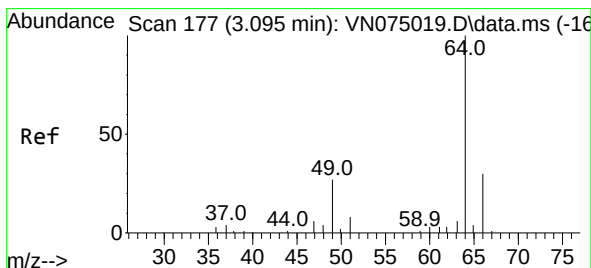
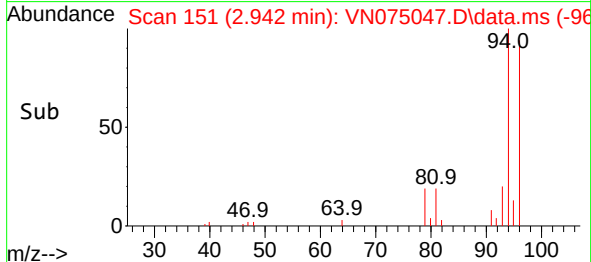
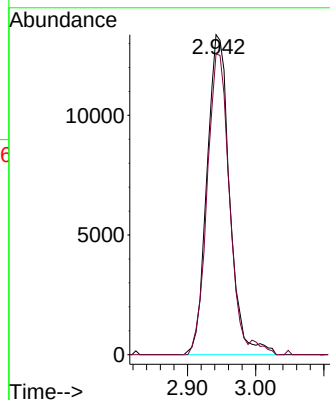
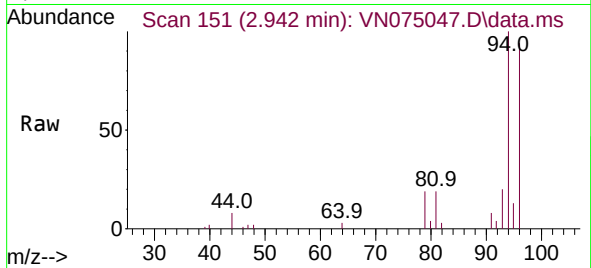
#5
Bromomethane
Concen: 18.871 ug/l
RT: 2.942 min Scan# 11
Delta R.T. 0.024 min
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Tgt Ion: 94 Resp: 3094
Ion Ratio Lower Upper
94 100
96 94.1 71.8 107.6

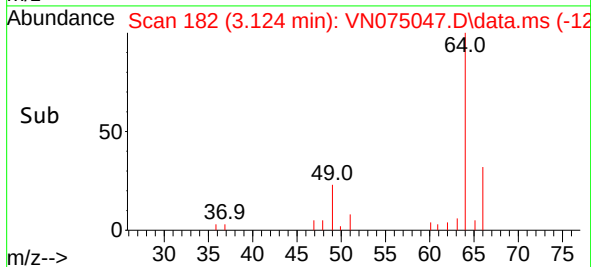
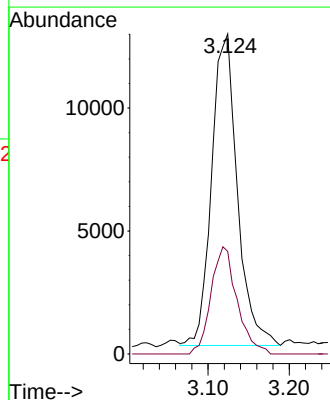
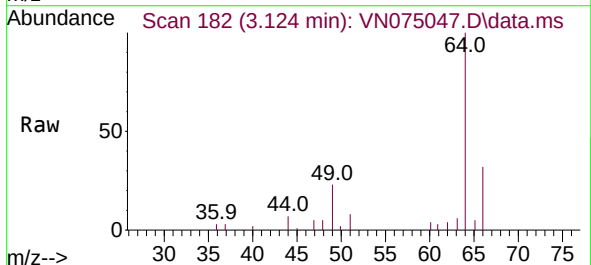
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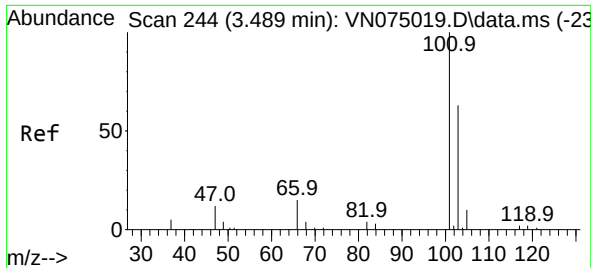
Reviewed By :John Carlone 10/28/2022
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#6
Chloroethane
Concen: 19.707 ug/l
RT: 3.124 min Scan# 182
Delta R.T. 0.029 min
Lab File: VN075047.D
Acq: 27 Oct 2022 17:43

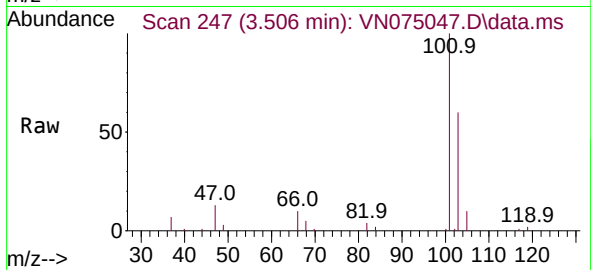
Tgt Ion: 64 Resp: 27896
Ion Ratio Lower Upper
64 100
66 32.9 23.8 35.8





#7
Trichlorofluoromethane
Concen: 19.795 ug/l
RT: 3.506 min Scan# 244
Delta R.T. 0.017 min
Lab File: VN075047.D
Acq: 27 Oct 2022 17:43

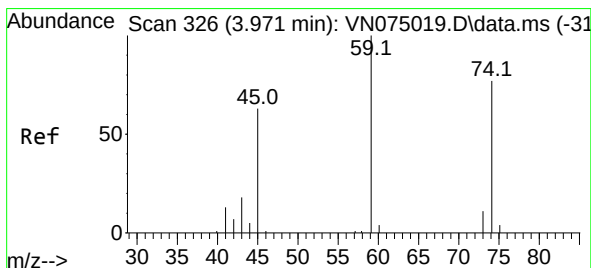
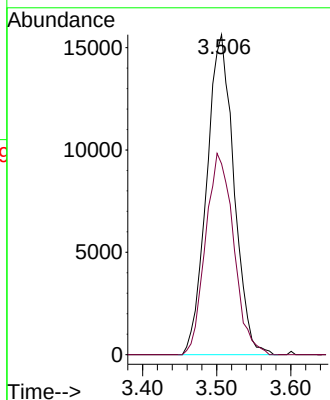
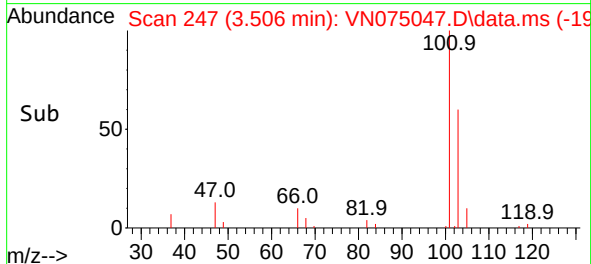
Instrument :
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ClientSampleId :
VN1027MBS01



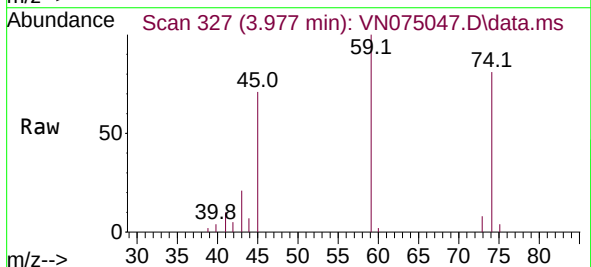
Tgt Ion:101 Resp: 39918
Ion Ratio Lower Upper
101 100
103 59.7 50.5 75.7

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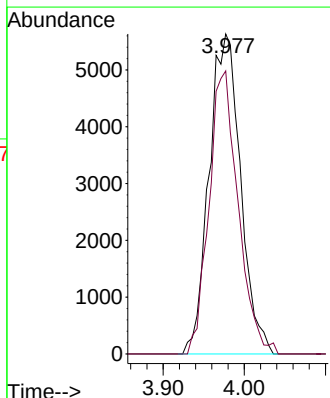
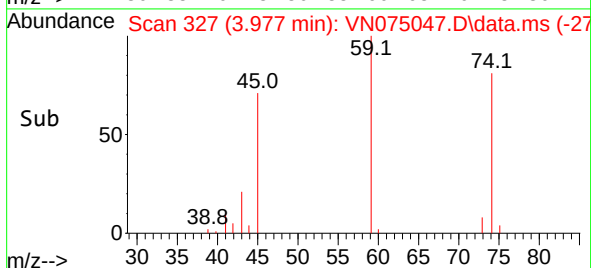
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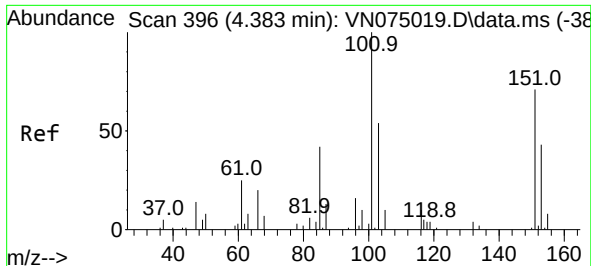


#8
Diethyl Ether
Concen: 20.646 ug/l
RT: 3.977 min Scan# 327
Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 15186
Ion Ratio Lower Upper
74 100
45 81.9 39.3 117.9





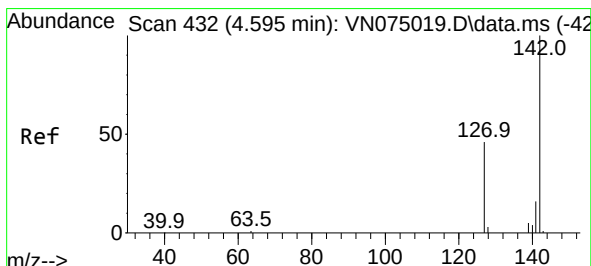
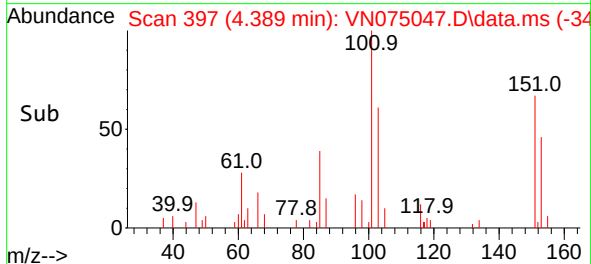
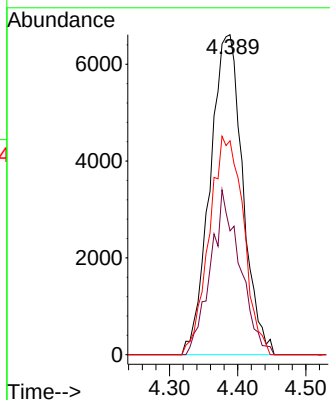
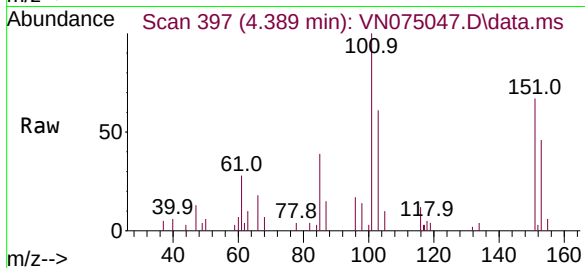
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.830 ug/l
 RT: 4.389 min Scan# 396
 Delta R.T. 0.006 min
 Lab File: VN075047.D
 Acq: 27 Oct 2022 17:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1027MBS01

Tgt Ion:101 Resp: 22084
 Ion Ratio Lower Upper
 101 100
 85 46.3 37.6 56.4
 151 71.4 58.3 87.5

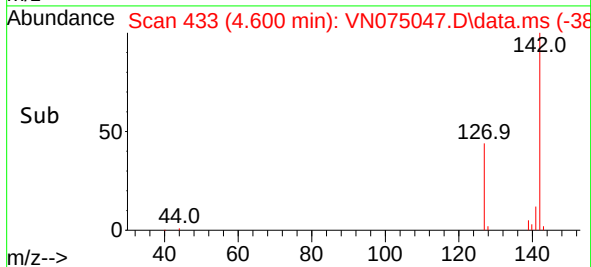
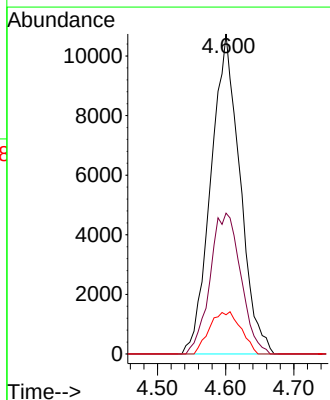
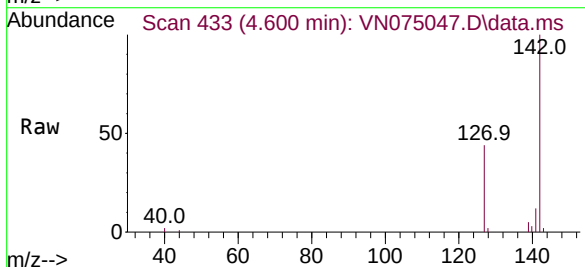
Manual Integrations
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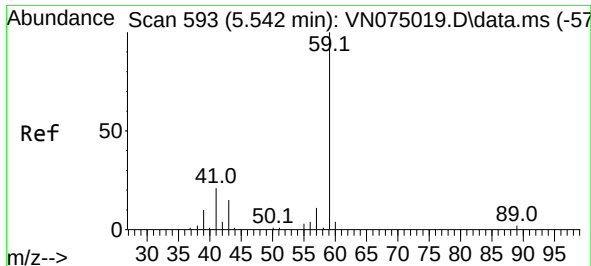
Reviewed By :John Carlone 10/28/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#10
 Methyl Iodide
 Concen: 19.197 ug/l
 RT: 4.600 min Scan# 433
 Delta R.T. 0.005 min
 Lab File: VN075047.D
 Acq: 27 Oct 2022 17:43

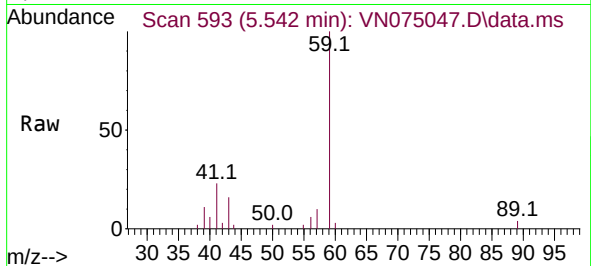
Tgt Ion:142 Resp: 31828
 Ion Ratio Lower Upper
 142 100
 127 46.6 38.0 57.0
 141 14.2 12.2 18.4





#11
Tert butyl alcohol
Concen: 94.466 ug/l
RT: 5.542 min Scan# 593
Delta R.T. -0.000 min
Lab File: VN075047.D
Acq: 27 Oct 2022 17:43

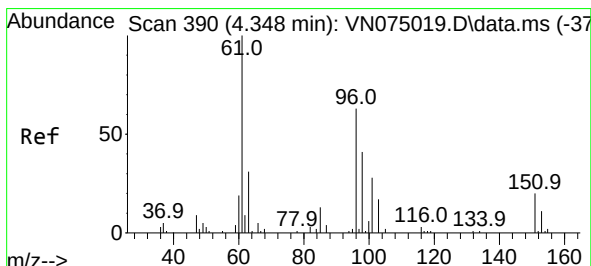
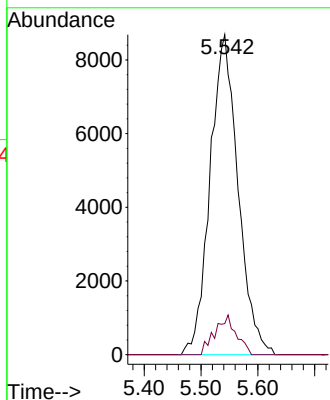
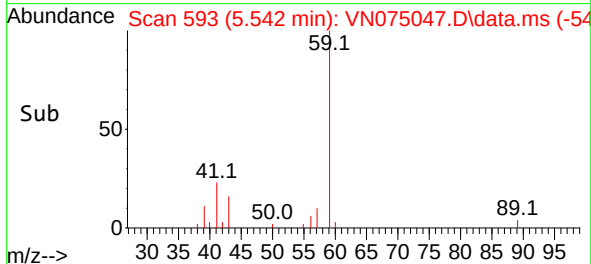
Instrument :
MSVOA_N
ClientSampleId :
VN1027MBS01



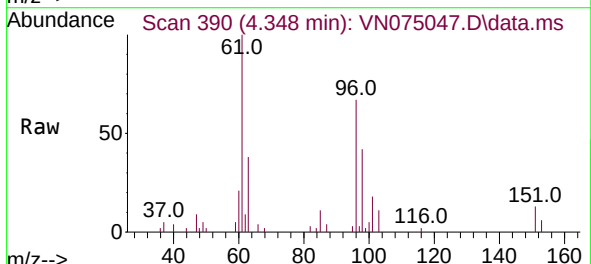
Tgt Ion: 59 Resp: 29725
Ion Ratio Lower Upper
59 100
57 9.4 8.5 12.7

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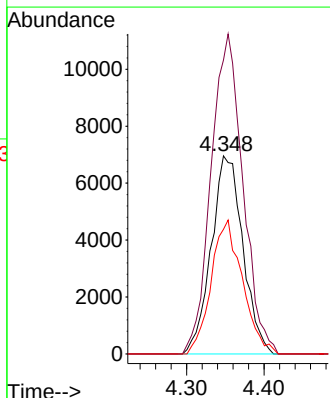
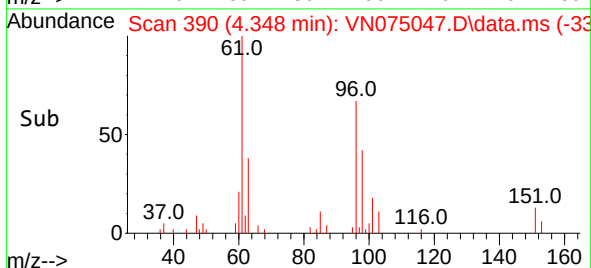
Reviewed By :John Carlone 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022

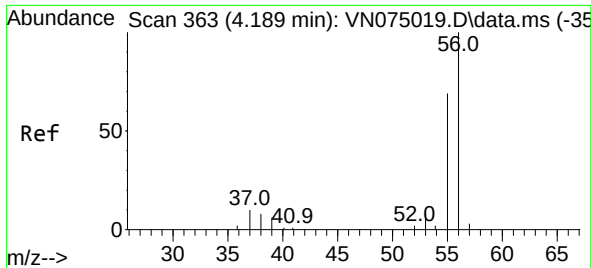


#12
1,1-Dichloroethene
Concen: 18.618 ug/l
RT: 4.348 min Scan# 390
Delta R.T. -0.000 min
Lab File: VN075047.D
Acq: 27 Oct 2022 17:43



Tgt Ion: 96 Resp: 19764
Ion Ratio Lower Upper
96 100
61 148.4 126.2 189.4
98 62.9 51.5 77.3





#13

Acrolein

Concen: 90.490 ug/l

RT: 4.195 min Scan# 30

Delta R.T. 0.006 min

Lab File: VN075047.D

Acq: 27 Oct 2022 17:43

Instrument :

MSVOA_N

ClientSampleId :

VN1027MBS01

Tgt Ion: 56 Resp: 23290

Ion Ratio Lower Upper

56 100

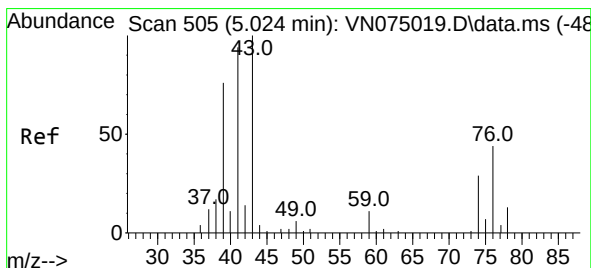
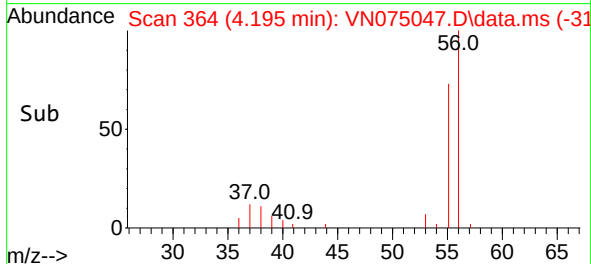
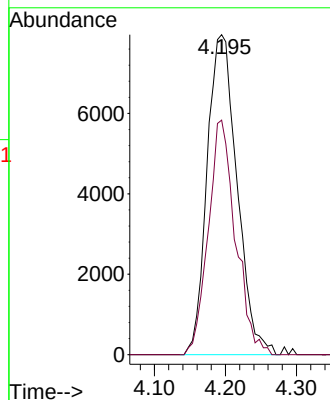
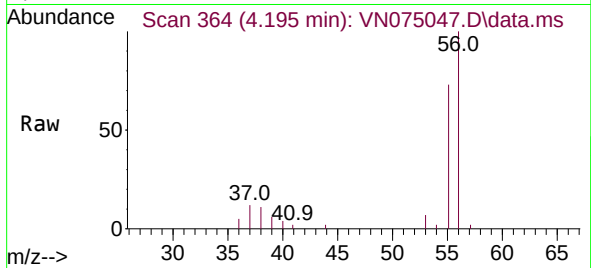
55 66.9 55.2 82.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/28/2022

Supervised By :Mahesh Dadoda 10/31/2022



#14

Allyl chloride

Concen: 20.283 ug/l

RT: 5.036 min Scan# 507

Delta R.T. 0.012 min

Lab File: VN075047.D

Acq: 27 Oct 2022 17:43

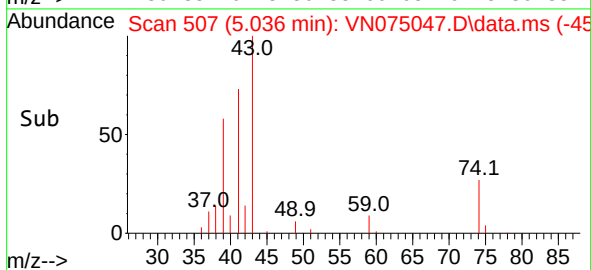
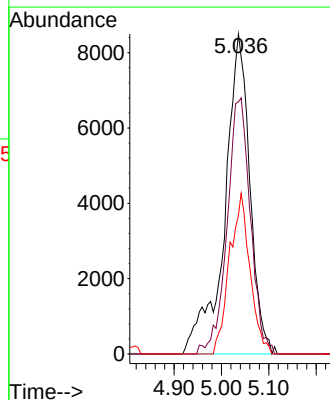
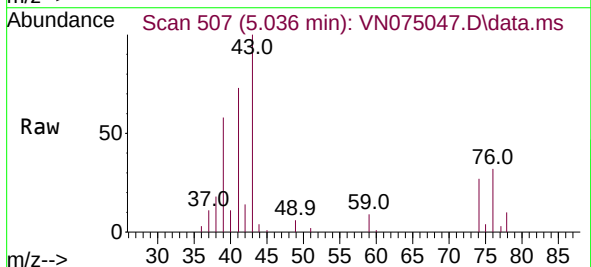
Tgt Ion: 41 Resp: 31447

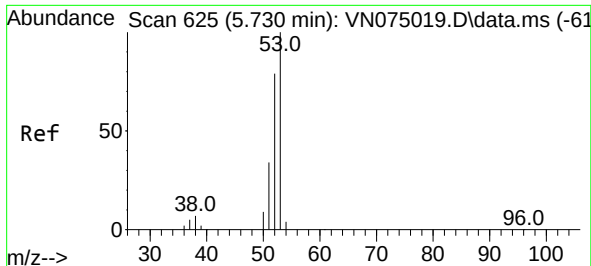
Ion Ratio Lower Upper

41 100

39 73.8 61.0 91.4

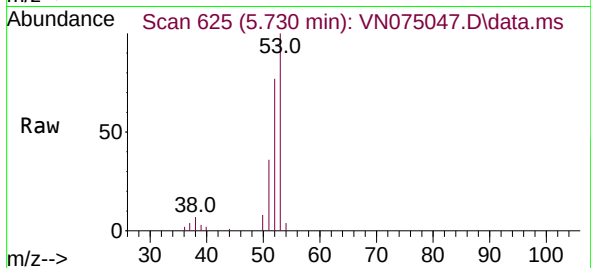
76 40.7 33.4 50.0





#15
Acrylonitrile
Concen: 98.295 ug/l
RT: 5.730 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN075047.D
Acq: 27 Oct 2022 17:43

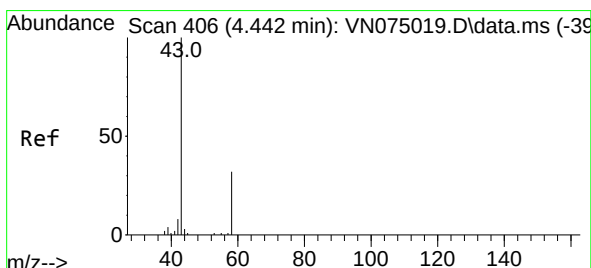
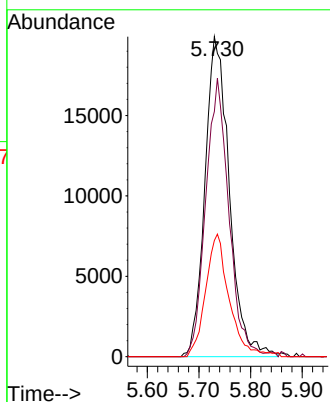
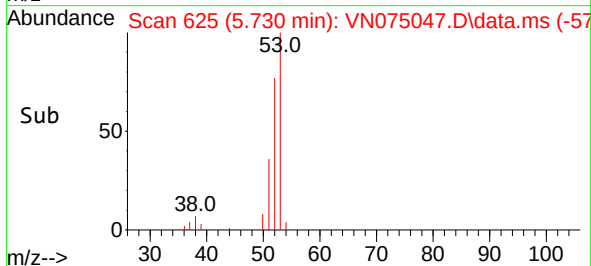
Instrument :
MSVOA_N
ClientSampleId :
VN1027MBS01



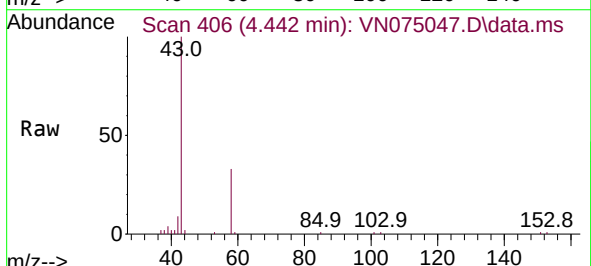
Tgt Ion: 53 Resp: 6533
Ion Ratio Lower Upper
53 100
52 82.0 66.4 99.6
51 37.2 29.6 44.4

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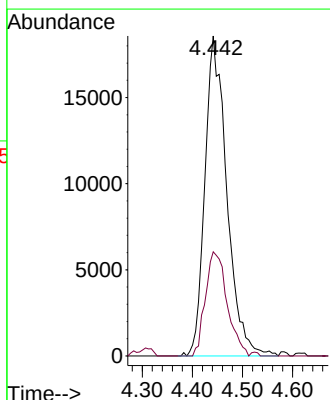
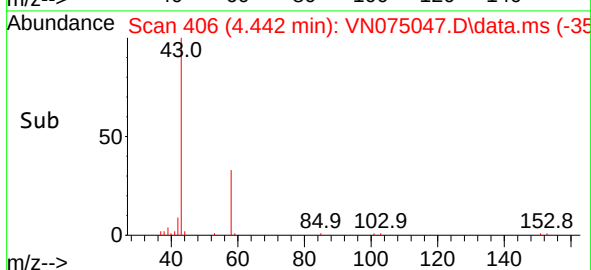
Reviewed By :John Carlone 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022

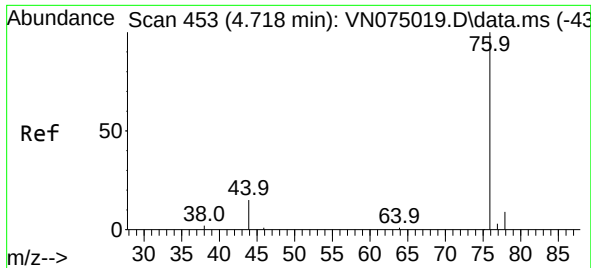


#16
Acetone
Concen: 98.838 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN075047.D
Acq: 27 Oct 2022 17:43



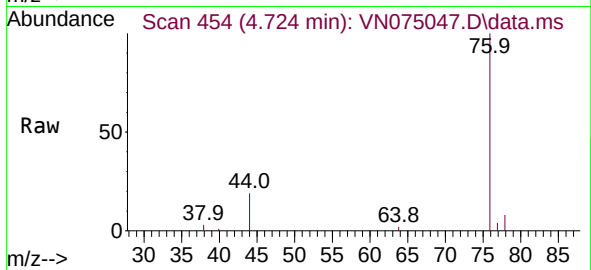
Tgt Ion: 43 Resp: 56469
Ion Ratio Lower Upper
43 100
58 32.6 25.5 38.3





#17
Carbon Disulfide
Concen: 18.569 ug/l
RT: 4.724 min Scan# 453
Delta R.T. 0.006 min
Lab File: VN075047.D
Acq: 27 Oct 2022 17:43

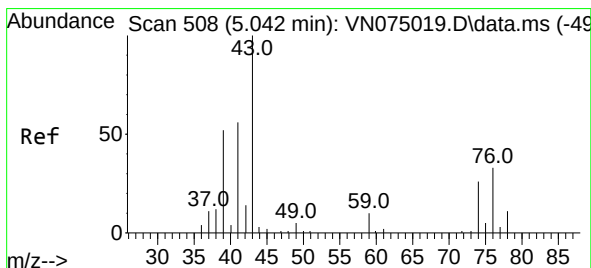
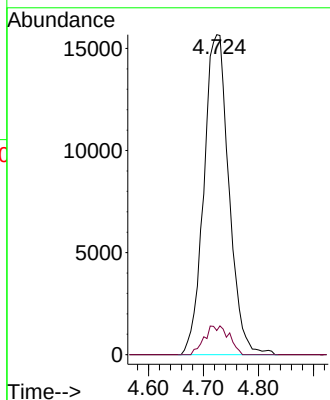
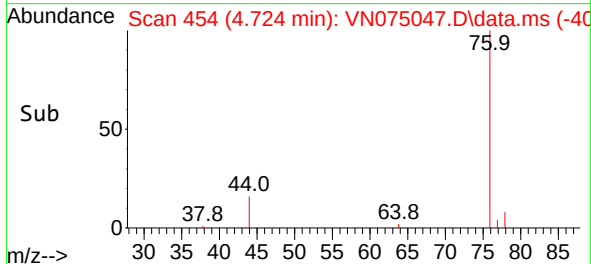
Instrument :
MSVOA_N
ClientSampleId :
VN1027MBS01



Tgt Ion: 76 Resp: 49570
Ion Ratio Lower Upper
76 100
78 7.5 7.4 11.2

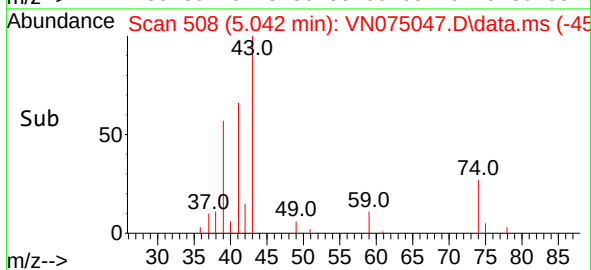
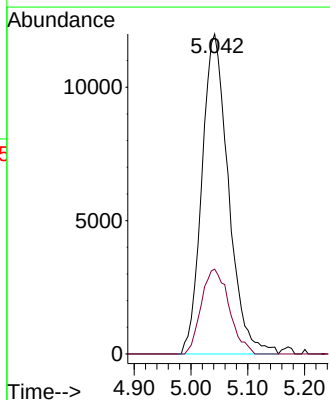
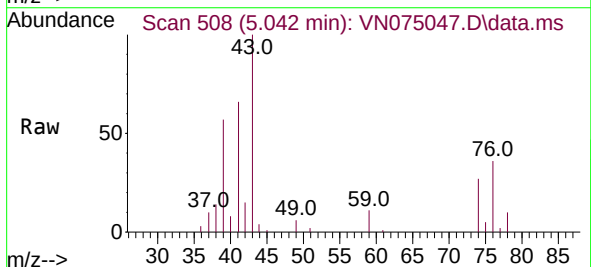
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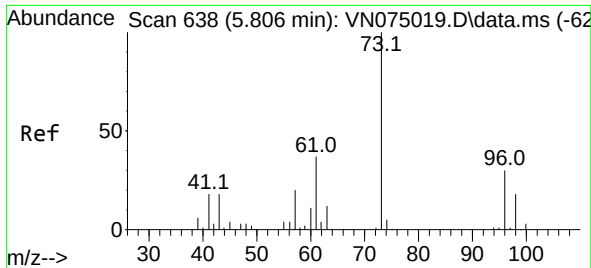
Reviewed By :John Carlone 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#18
Methyl Acetate
Concen: 20.884 ug/l
RT: 5.042 min Scan# 508
Delta R.T. -0.000 min
Lab File: VN075047.D
Acq: 27 Oct 2022 17:43

Tgt Ion: 43 Resp: 38975
Ion Ratio Lower Upper
43 100
74 27.8 22.0 33.0





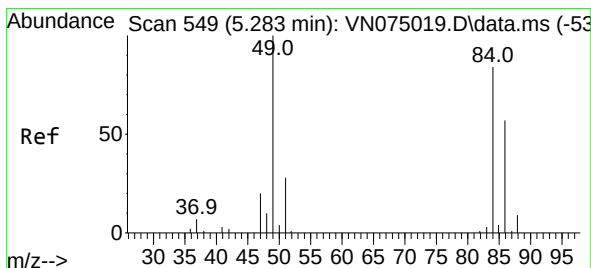
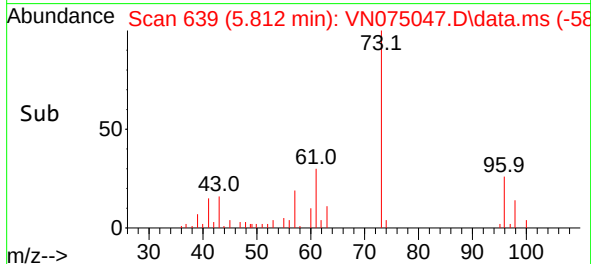
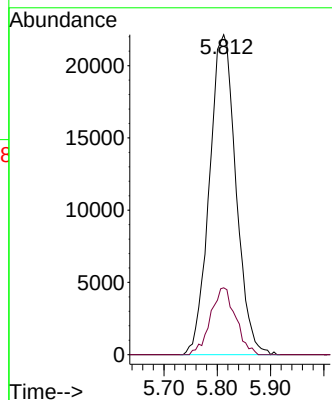
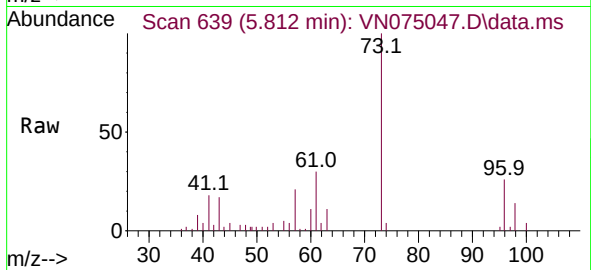
#19
Methyl tert-butyl Ether
Concen: 19.428 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075047.D
Acq: 27 Oct 2022 17:43

Instrument :
MSVOA_N
ClientSampleId :
VN1027MBS01

Tgt Ion: 73 Resp: 7665
Ion Ratio Lower Upper
73 100
57 20.9 16.3 24.5

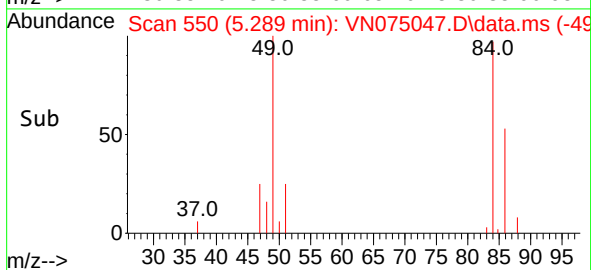
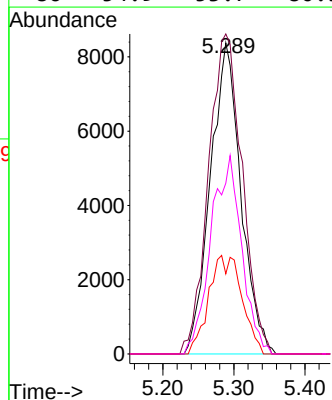
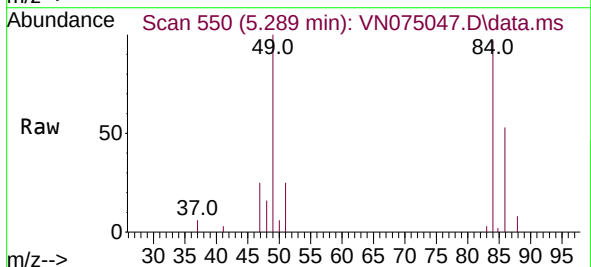
Manual Integrations
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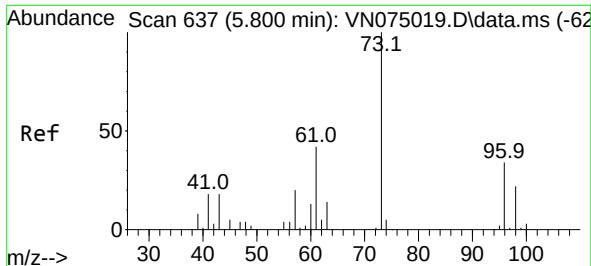
Reviewed By :John Carlone 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#20
Methylene Chloride
Concen: 19.624 ug/l
RT: 5.289 min Scan# 550
Delta R.T. 0.006 min
Lab File: VN075047.D
Acq: 27 Oct 2022 17:43

Tgt Ion: 84 Resp: 24998
Ion Ratio Lower Upper
84 100
49 102.9 94.9 142.3
51 25.8 26.8 40.2#
86 54.9 53.7 80.5





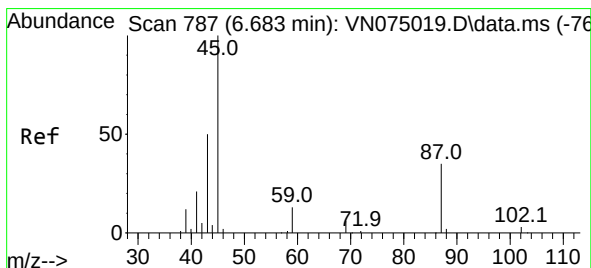
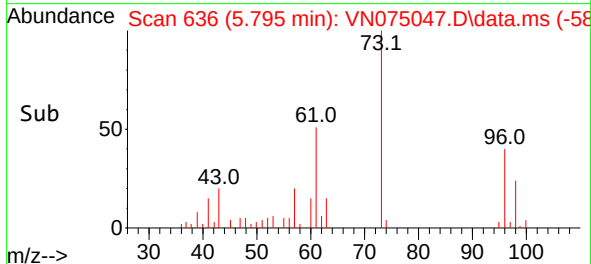
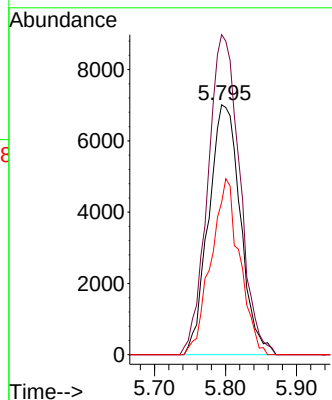
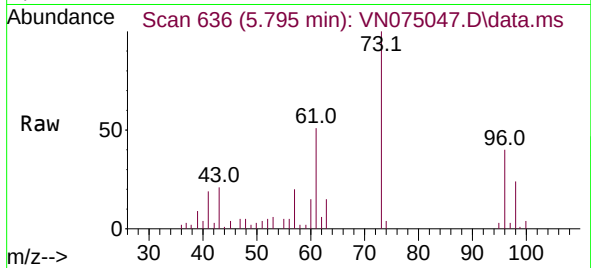
#21
trans-1,2-Dichloroethene
Concen: 18.741 ug/l
RT: 5.795 min Scan# 61
Delta R.T. -0.005 min
Lab File: VN075047.D
Acq: 27 Oct 2022 17:43

Instrument :
MSVOA_N
ClientSampleId :
VN1027MBS01

Tgt Ion: 96 Resp: 2178
Ion Ratio Lower Upper
96 100
61 128.1 99.9 149.9
98 61.0 51.5 77.3

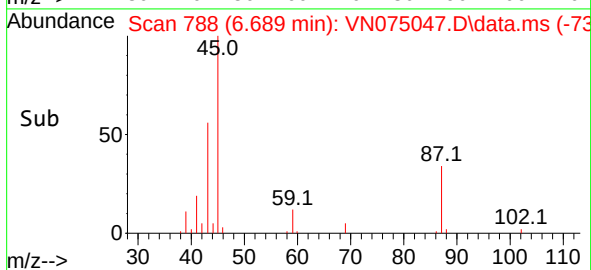
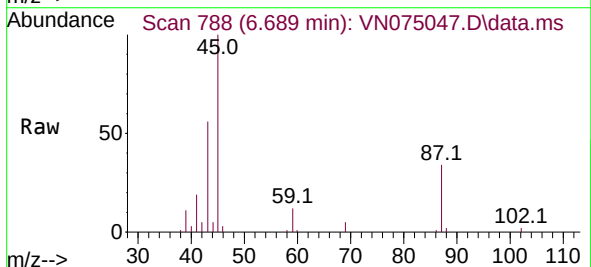
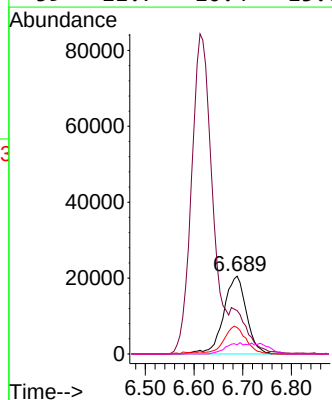
Manual Integrations
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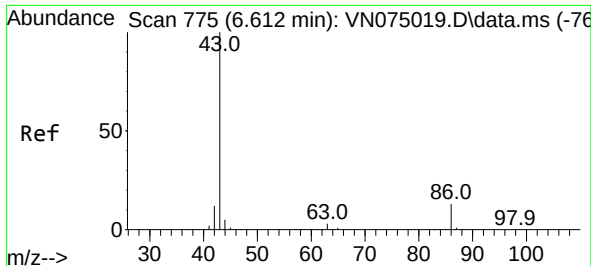
Reviewed By :John Carlone 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#22
Diisopropyl ether
Concen: 19.459 ug/l
RT: 6.689 min Scan# 788
Delta R.T. 0.006 min
Lab File: VN075047.D
Acq: 27 Oct 2022 17:43

Tgt Ion: 45 Resp: 66577
Ion Ratio Lower Upper
45 100
43 53.8 42.8 64.2
87 34.0 28.4 42.6
59 11.7 10.4 15.6





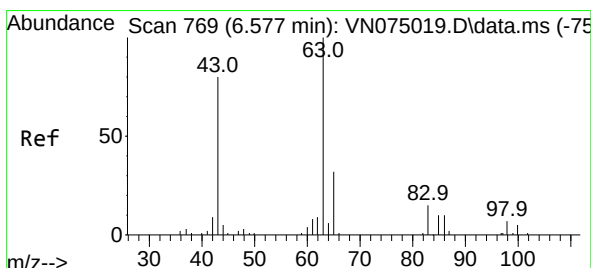
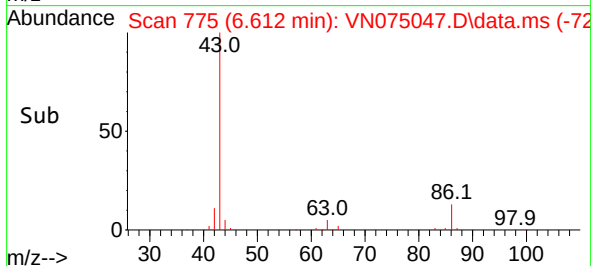
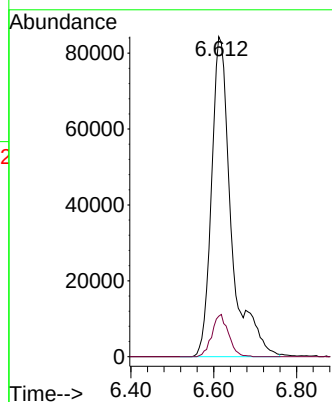
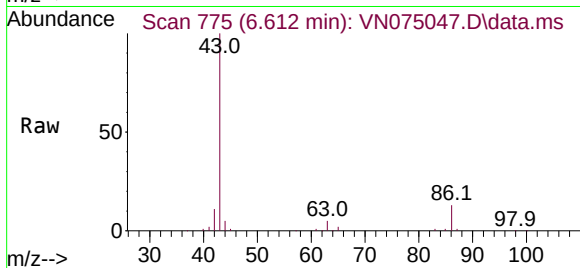
#23
 Vinyl Acetate
 Concen: 97.727 ug/l m
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN075047.D
 Acq: 27 Oct 2022 17:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1027MBS01

Tgt Ion: 43 Resp: 279214
 Ion Ratio Lower Upper
 43 100
 86 12.6 10.7 16.1

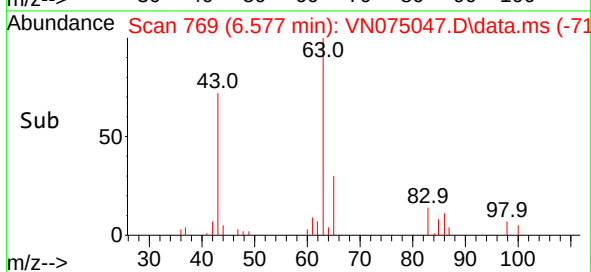
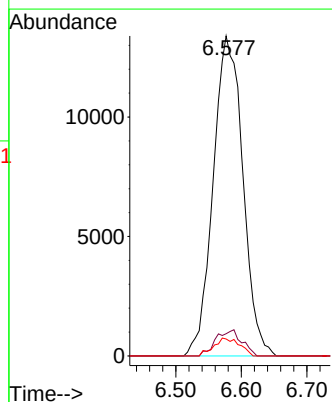
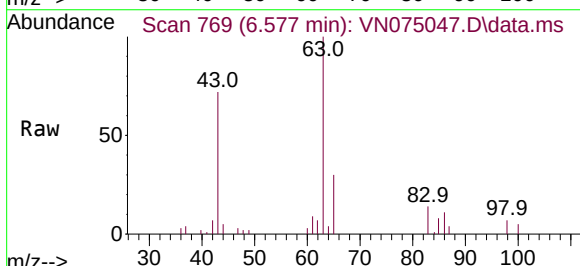
Manual Integrations
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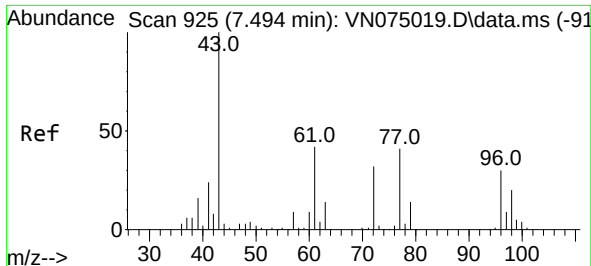
Reviewed By :John Carlone 10/28/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#24
 1,1-Dichloroethane
 Concen: 19.420 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VN075047.D
 Acq: 27 Oct 2022 17:43

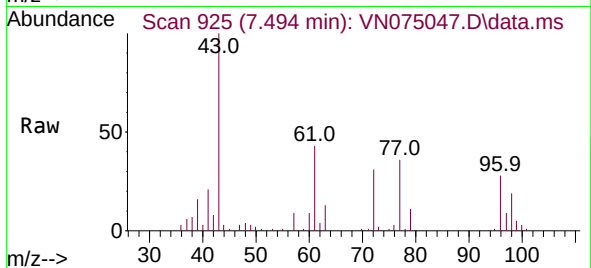
Tgt Ion: 63 Resp: 42022
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.6 10.8
 100 5.3 2.4 7.2





#25
2-Butanone
Concen: 100.029 ug/l
RT: 7.494 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN075047.D
Acq: 27 Oct 2022 17:43

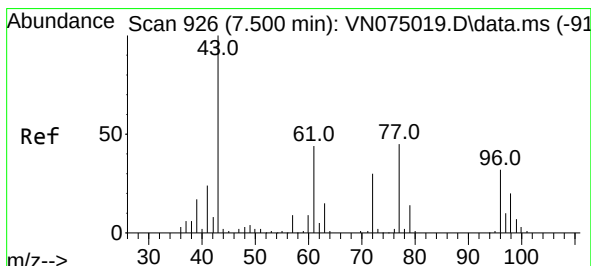
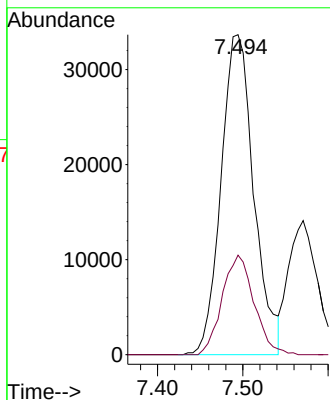
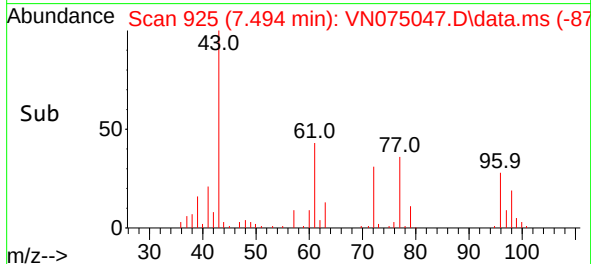
Instrument :
MSVOA_N
ClientSampleId :
VN1027MBS01



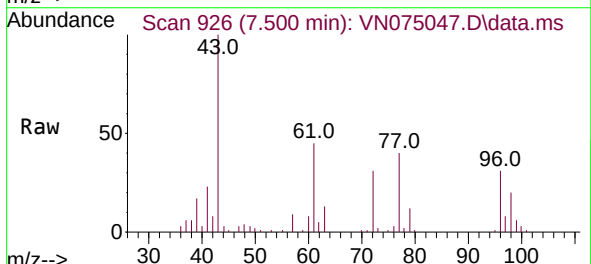
Tgt Ion: 43 Resp: 8989
Ion Ratio Lower Upper
43 100
72 31.1 25.5 38.3

Manual Integrations
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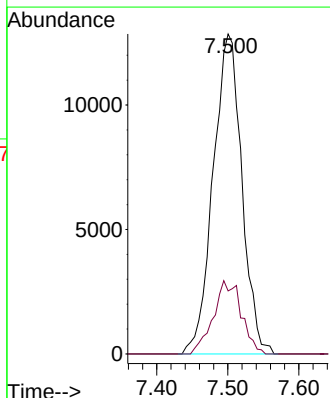
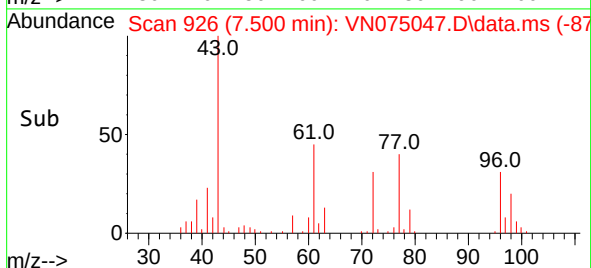
Reviewed By :John Carlone 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022

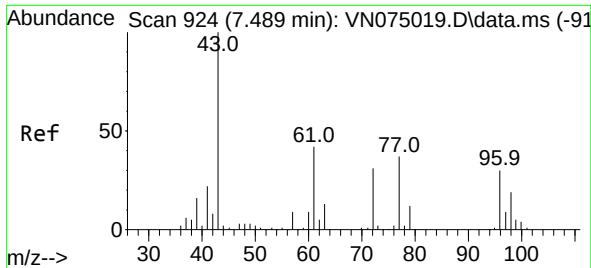


#26
2,2-Dichloropropane
Concen: 18.101 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.000 min
Lab File: VN075047.D
Acq: 27 Oct 2022 17:43



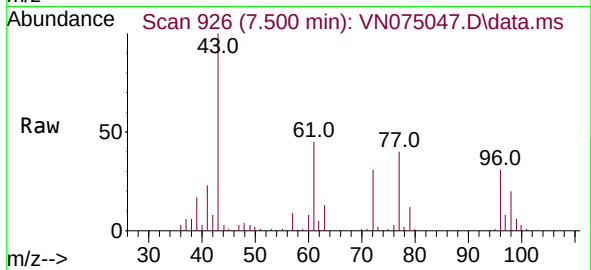
Tgt Ion: 77 Resp: 36033
Ion Ratio Lower Upper
77 100
97 22.4 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 18.892 ug/l
 RT: 7.500 min Scan# 91
 Delta R.T. 0.011 min
 Lab File: VN075047.D
 Acq: 27 Oct 2022 17:43

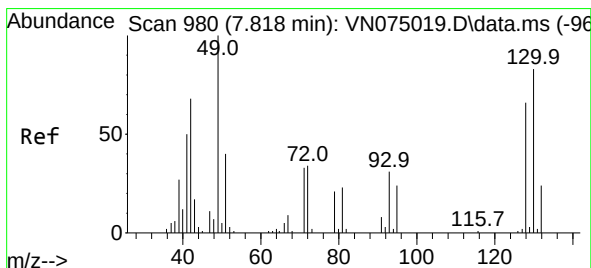
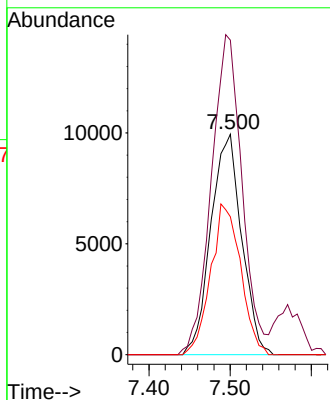
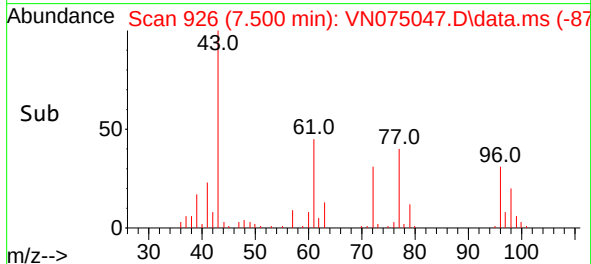
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1027MBS01



Tgt Ion: 96 Resp: 2622
 Ion Ratio Lower Upper
 96 100
 61 144.9 0.0 278.8
 98 66.4 0.0 128.4

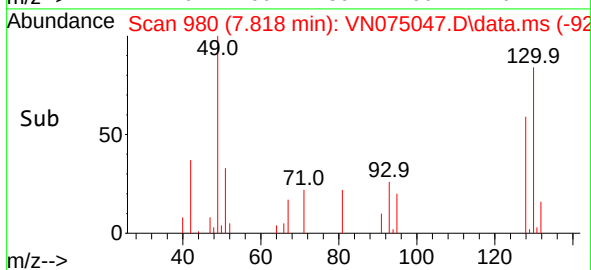
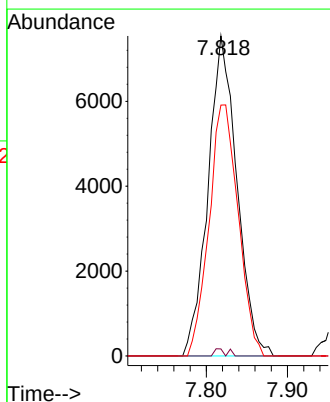
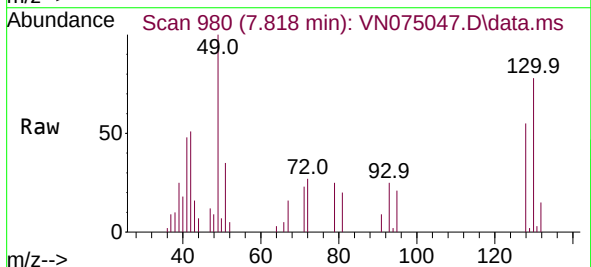
Manual Integrations
 APPROVED

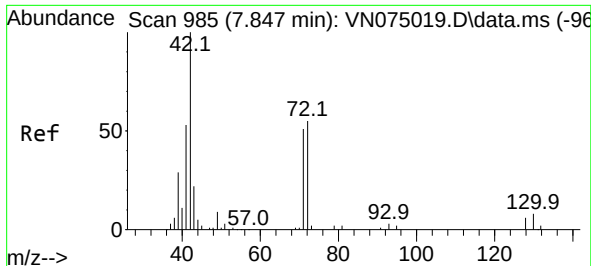
Reviewed By :John Carlone 10/28/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#28
 Bromochloromethane
 Concen: 20.473 ug/l
 RT: 7.818 min Scan# 980
 Delta R.T. -0.000 min
 Lab File: VN075047.D
 Acq: 27 Oct 2022 17:43

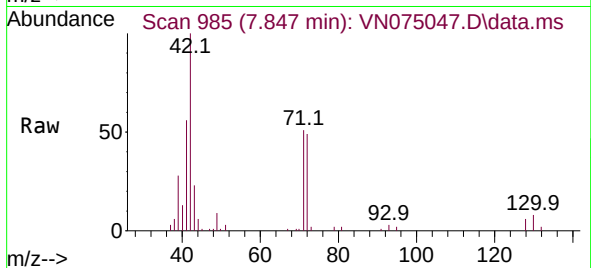
Tgt Ion: 49 Resp: 18675
 Ion Ratio Lower Upper
 49 100
 129 0.9 0.0 4.6
 130 79.1 66.2 99.4





#29
Tetrahydrofuran
Concen: 98.463 ug/l
RT: 7.847 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN075047.D
Acq: 27 Oct 2022 17:43

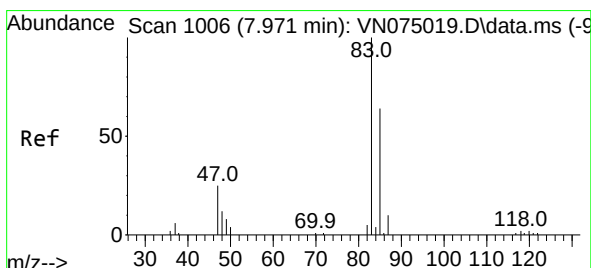
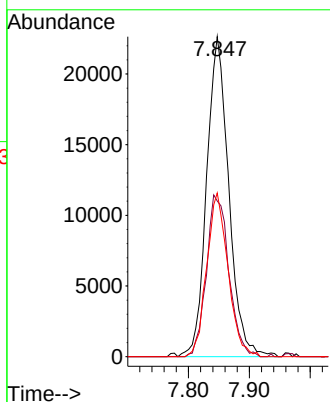
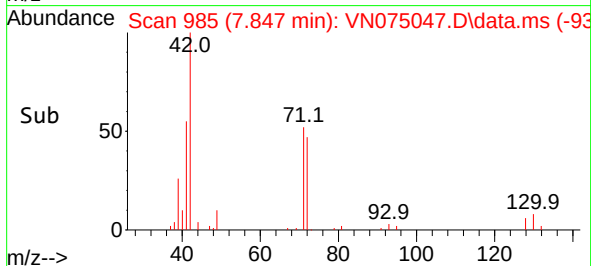
Instrument :
MSVOA_N
ClientSampleId :
VN1027MBS01



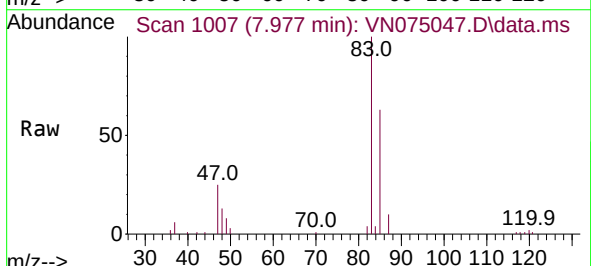
Tgt Ion: 42 Resp: 5717
Ion Ratio Lower Upper
42 100
72 51.3 43.0 64.6
71 49.4 39.9 59.9

Manual Integrations
APPROVED

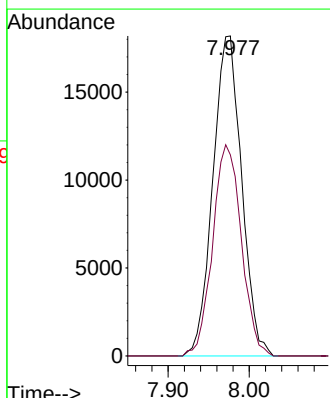
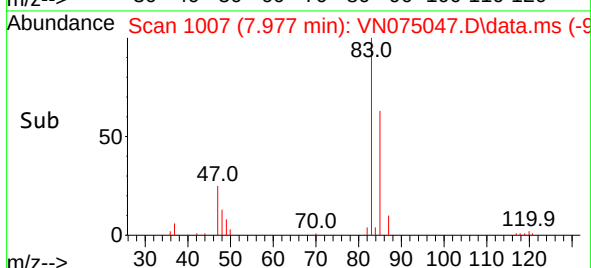
Reviewed By :John Carlone 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022

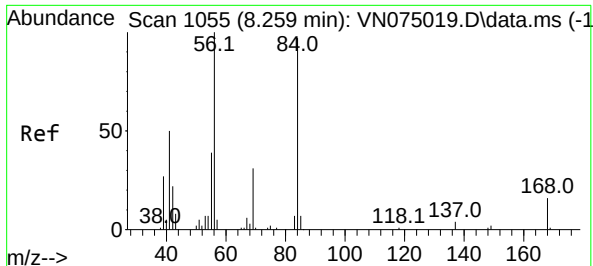


#30
Chloroform
Concen: 19.051 ug/l
RT: 7.977 min Scan# 1007
Delta R.T. 0.006 min
Lab File: VN075047.D
Acq: 27 Oct 2022 17:43



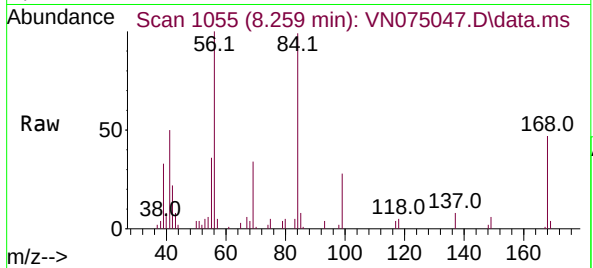
Tgt Ion: 83 Resp: 44760
Ion Ratio Lower Upper
83 100
85 62.9 51.4 77.0





#31
Cyclohexane
Concen: 19.097 ug/l
RT: 8.259 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VN075047.D
Acq: 27 Oct 2022 17:43

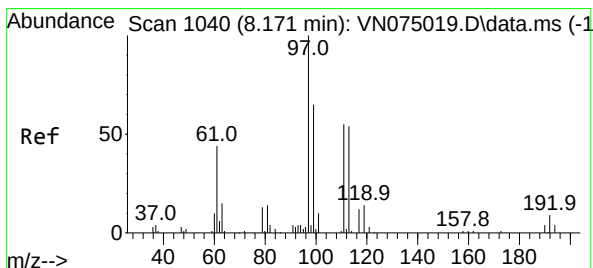
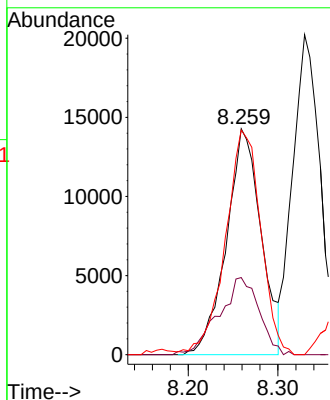
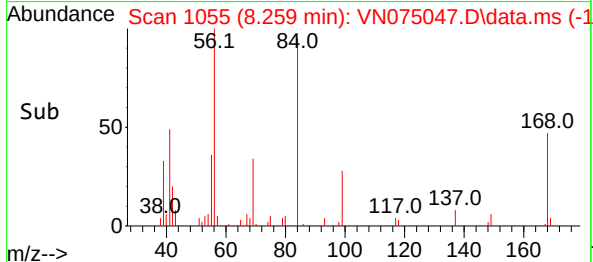
Instrument :
MSVOA_N
ClientSampleId :
VN1027MBS01



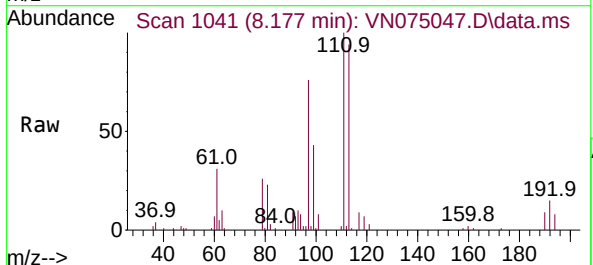
Tgt Ion: 56 Resp: 38324
Ion Ratio Lower Upper
56 100
69 32.7 25.2 37.8
84 98.2 77.8 116.8

Manual Integrations
APPROVED

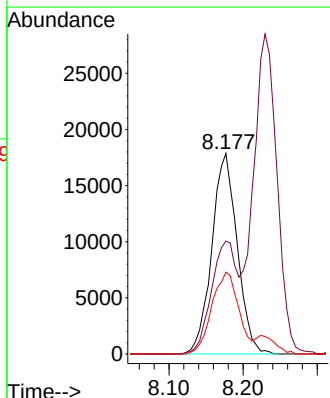
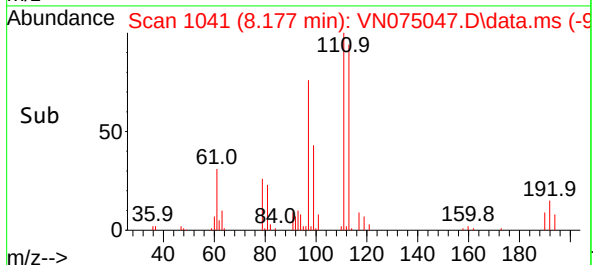
Reviewed By :John Carlone 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022

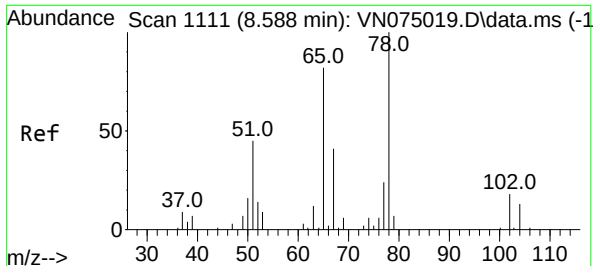


#32
1,1,1-Trichloroethane
Concen: 19.918 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN075047.D
Acq: 27 Oct 2022 17:43



Tgt Ion: 97 Resp: 42495
Ion Ratio Lower Upper
97 100
99 56.4 50.2 75.2
61 43.2 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 51.514 ug/l

RT: 8.583 min Scan# 1111

Delta R.T. -0.005 min

Lab File: VN075047.D

Acq: 27 Oct 2022 17:43

Instrument :

MSVOA_N

ClientSampleId :

VN1027MBS01

Tgt Ion: 65 Resp: 69508

Ion Ratio Lower Upper

65 100

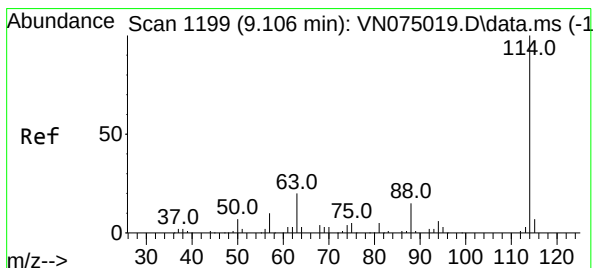
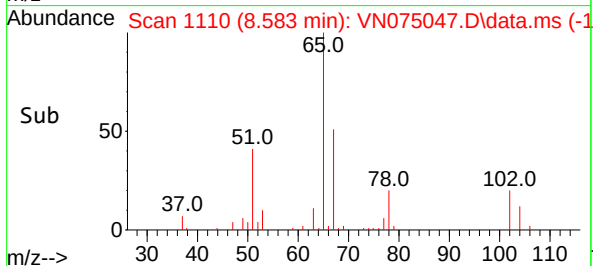
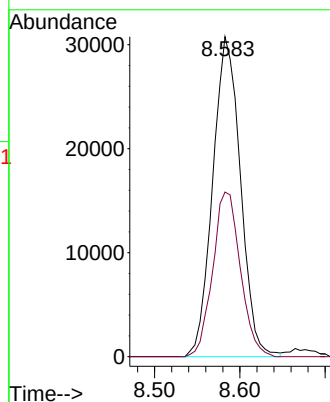
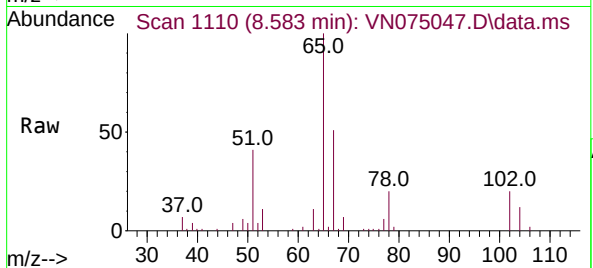
67 51.3 0.0 102.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/28/2022

Supervised By :Mahesh Dadoda 10/31/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075047.D

Acq: 27 Oct 2022 17:43

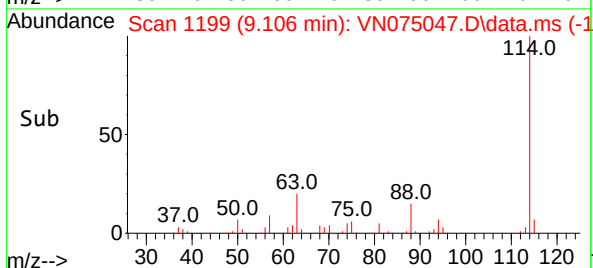
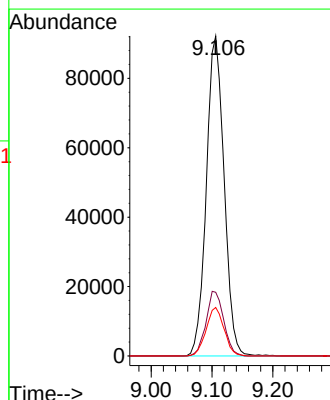
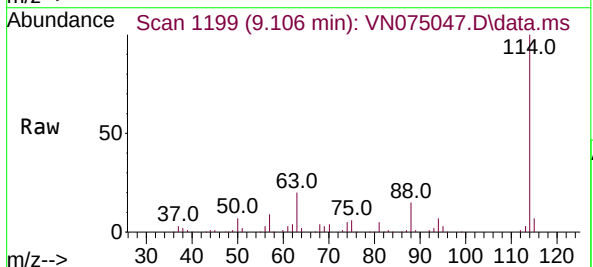
Tgt Ion:114 Resp: 186724

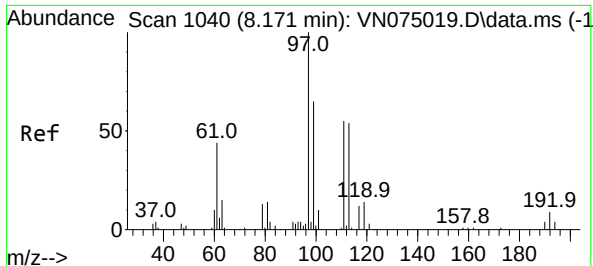
Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.6

88 15.1 0.0 29.0





#35

Dibromofluoromethane

Concen: 49.371 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075047.D

Acq: 27 Oct 2022 17:43

Instrument :

MSVOA_N

ClientSampleId :

VN1027MBS01

Tgt Ion: 113 Resp: 54119

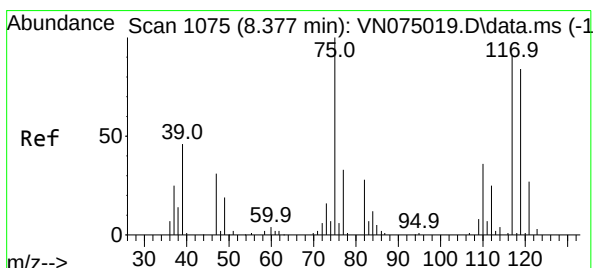
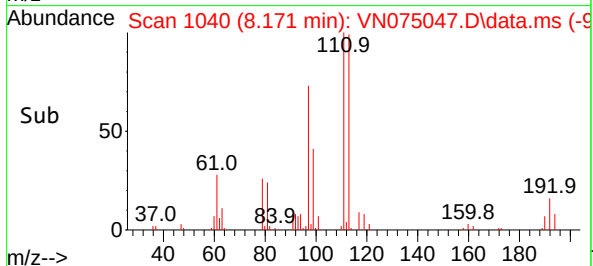
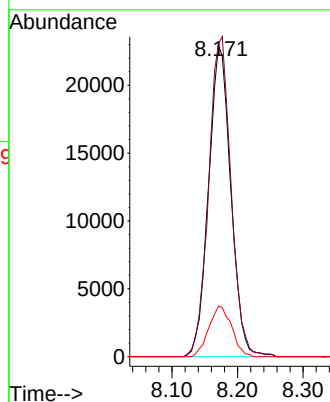
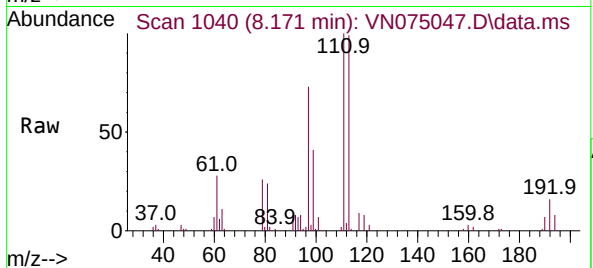
Ion	Ratio	Lower	Upper
113	100		
111	103.3	80.5	120.7
192	16.7	13.2	19.8

Manual Integrations

APPROVED

Reviewed By : John Carlone 10/28/2022

Supervised By : Mahesh Dadoda 10/31/2022



#36

1,1-Dichloropropene

Concen: 19.061 ug/l

RT: 8.377 min Scan# 1075

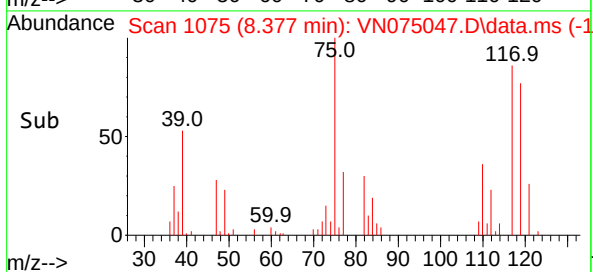
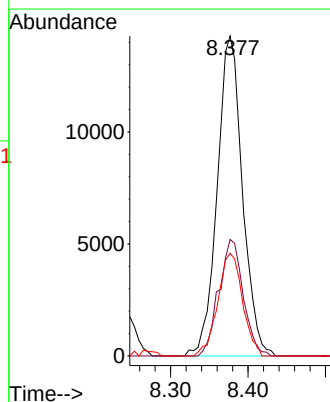
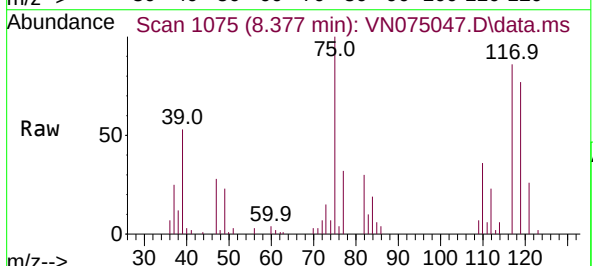
Delta R.T. -0.000 min

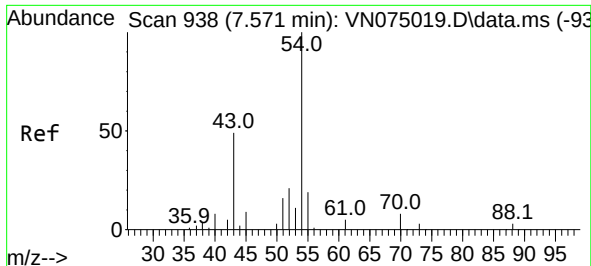
Lab File: VN075047.D

Acq: 27 Oct 2022 17:43

Tgt Ion: 75 Resp: 32347

Ion	Ratio	Lower	Upper
75	100		
110	35.1	17.8	53.3
77	31.5	24.6	37.0





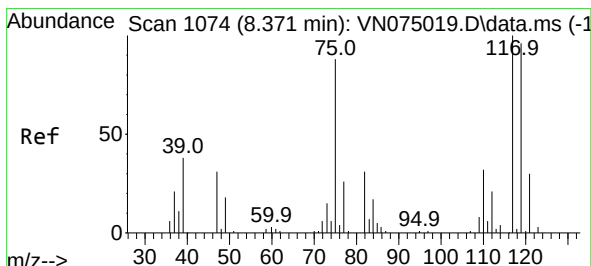
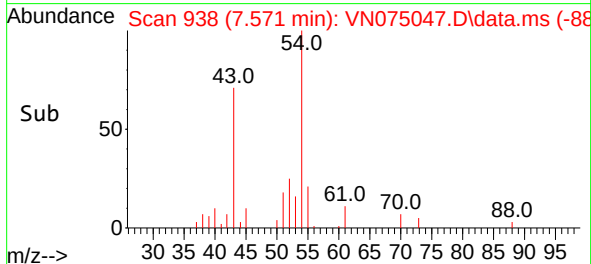
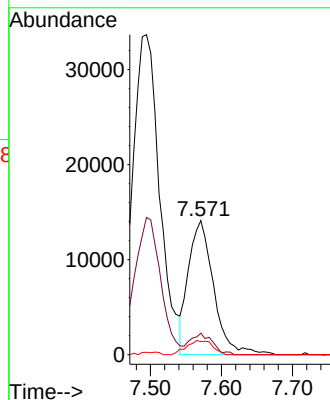
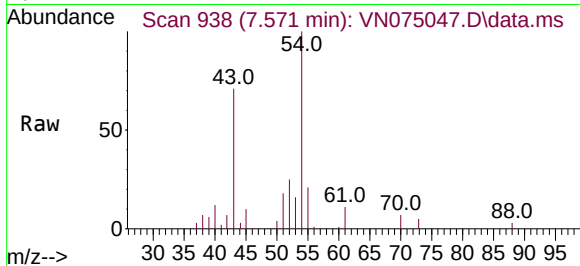
#37
Ethyl Acetate
Concen: 18.709 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075047.D
Acq: 27 Oct 2022 17:43

Instrument :
MSVOA_N
ClientSampleId :
VN1027MBS01

Tgt Ion: 43 Resp: 34819
Ion Ratio Lower Upper
43 100
61 13.7 12.2 18.4
70 10.8 9.4 14.2

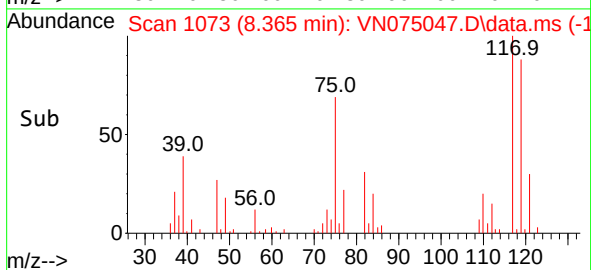
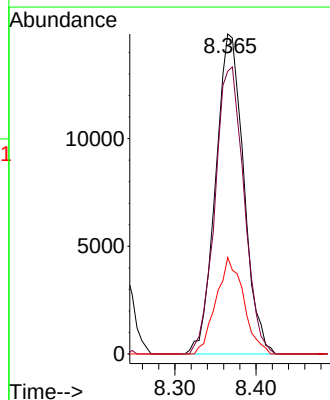
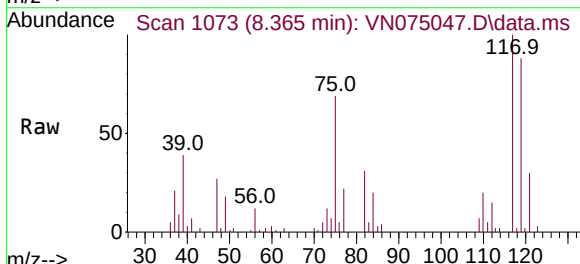
Manual Integrations
APPROVED

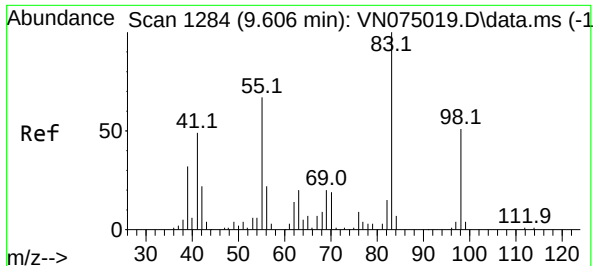
Reviewed By :John Carlone 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#38
Carbon Tetrachloride
Concen: 19.140 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VN075047.D
Acq: 27 Oct 2022 17:43

Tgt Ion:117 Resp: 35730
Ion Ratio Lower Upper
117 100
119 88.3 76.7 115.1
121 30.2 23.9 35.9





#39

Methylcyclohexane

Concen: 18.573 ug/l

RT: 9.606 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN075047.D

Acq: 27 Oct 2022 17:43

Instrument :

MSVOA_N

ClientSampleId :

VN1027MBS01

Tgt Ion: 83 Resp: 41610

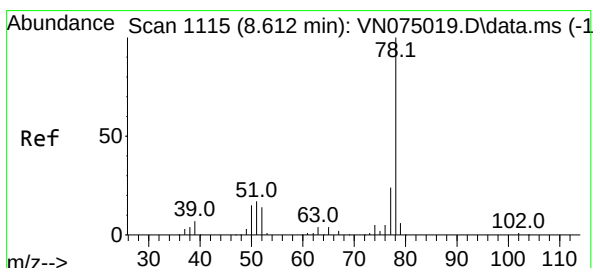
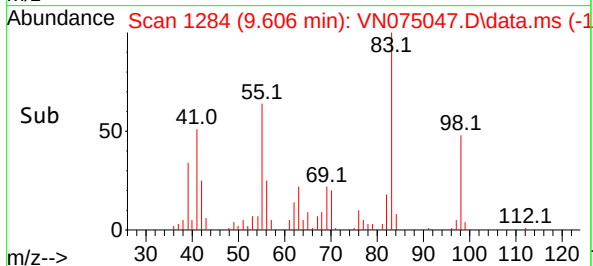
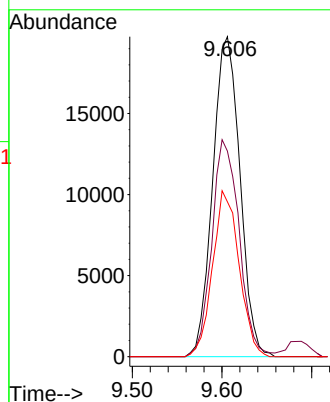
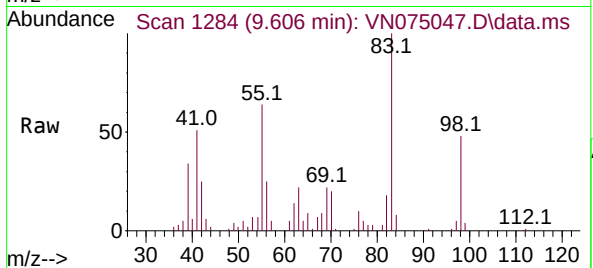
Ion	Ratio	Lower	Upper
83	100		
55	64.2	53.6	80.4
98	48.4	41.1	61.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/28/2022

Supervised By :Mahesh Dadoda 10/31/2022



#40

Benzene

Concen: 19.389 ug/l

RT: 8.612 min Scan# 1115

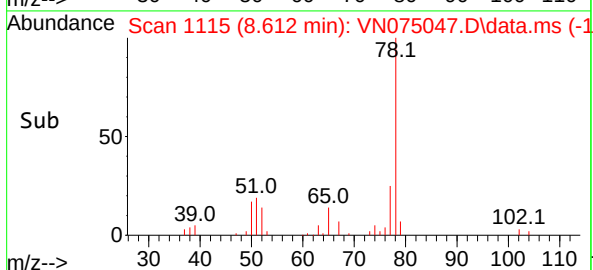
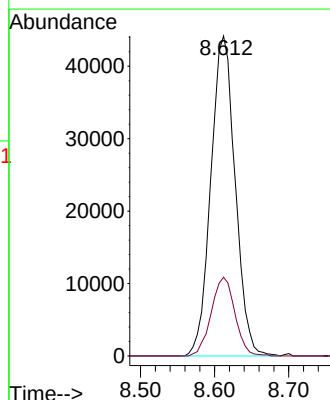
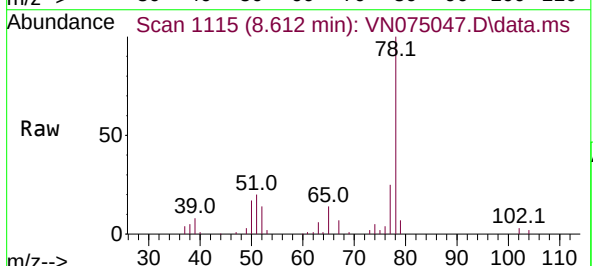
Delta R.T. -0.000 min

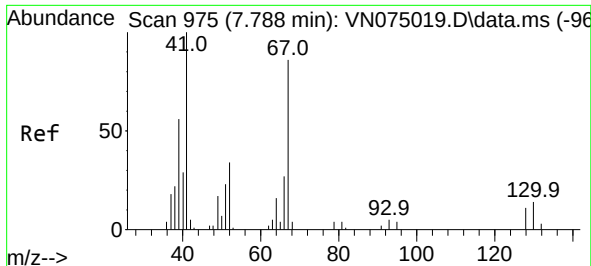
Lab File: VN075047.D

Acq: 27 Oct 2022 17:43

Tgt Ion: 78 Resp: 100746

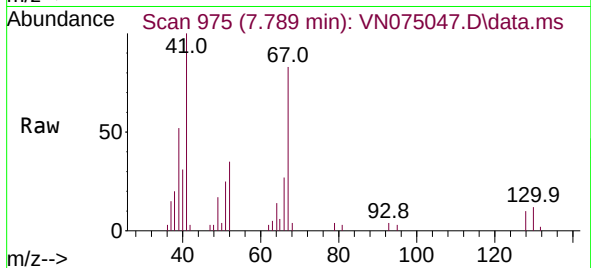
Ion	Ratio	Lower	Upper
78	100		
77	24.6	19.4	29.0





#41
Methacrylonitrile
Concen: 19.073 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN075047.D
Acq: 27 Oct 2022 17:43

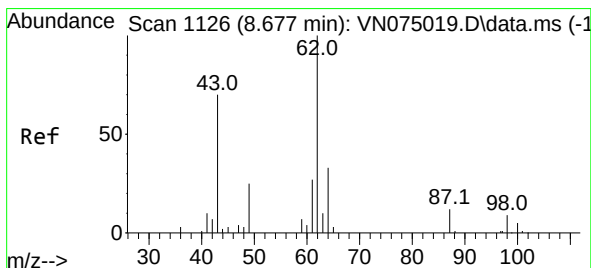
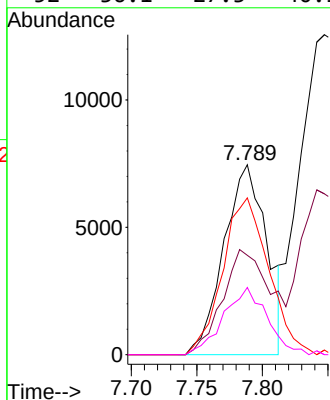
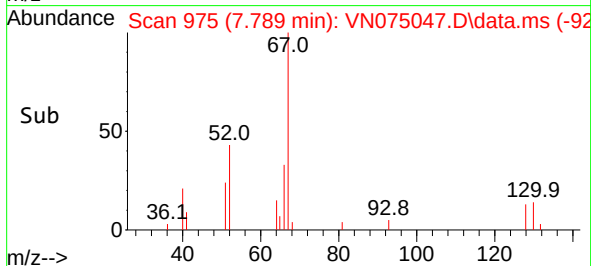
Instrument :
MSVOA_N
ClientSampleId :
VN1027MBS01



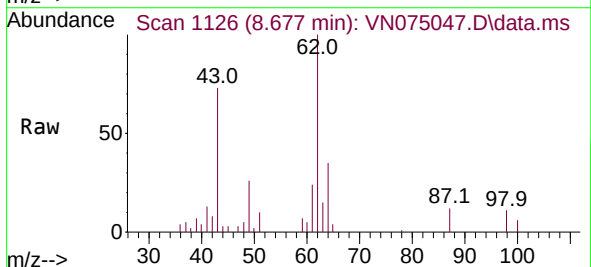
Tgt Ion:	41	Resp:	1700
Ion	Ratio	Lower	Upper
41	100		
39	63.0	44.4	66.6
67	88.9	69.8	104.6
52	36.1	27.3	40.9

Manual Integrations
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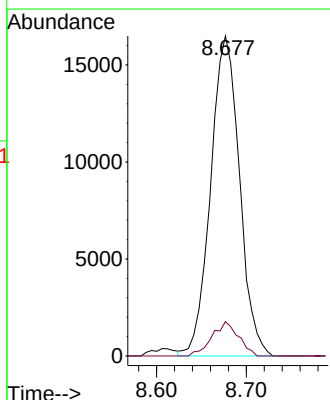
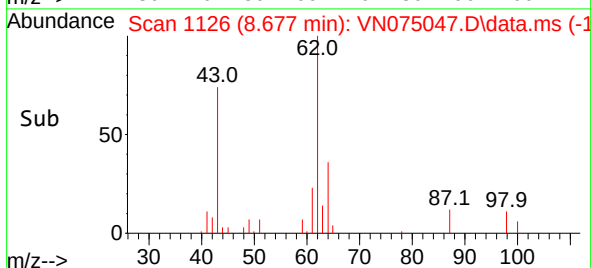
Reviewed By :John Carlone 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022

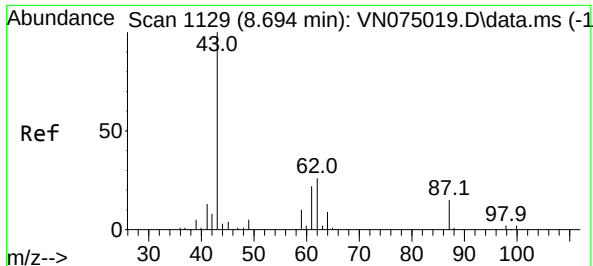


#42
1,2-Dichloroethane
Concen: 19.469 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN075047.D
Acq: 27 Oct 2022 17:43



Tgt Ion:	62	Resp:	36806
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	18.2





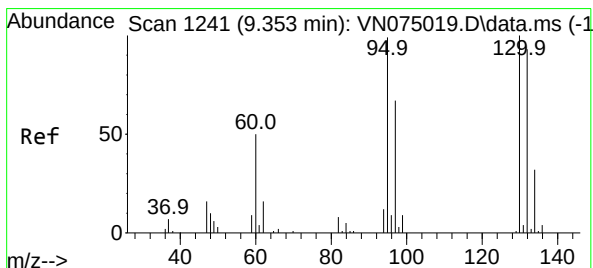
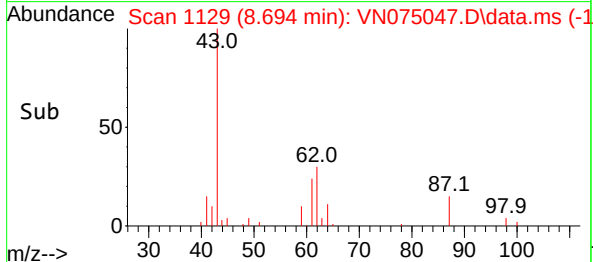
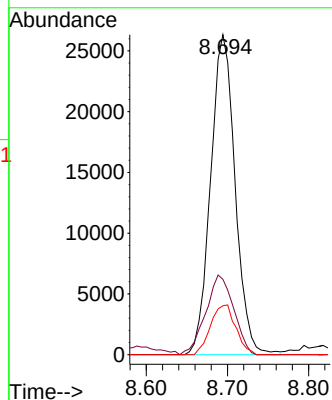
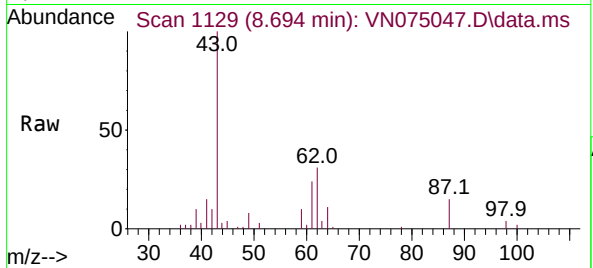
#43
Isopropyl Acetate
Concen: 19.159 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN075047.D
Acq: 27 Oct 2022 17:43

Instrument :
MSVOA_N
ClientSampleId :
VN1027MBS01

Tgt Ion: 43 Resp: 55308
Ion Ratio Lower Upper
43 100
61 28.3 22.4 33.6
87 15.9 12.5 18.7

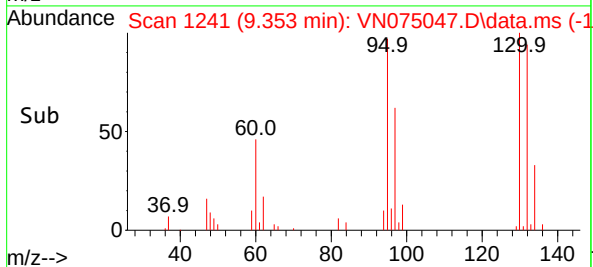
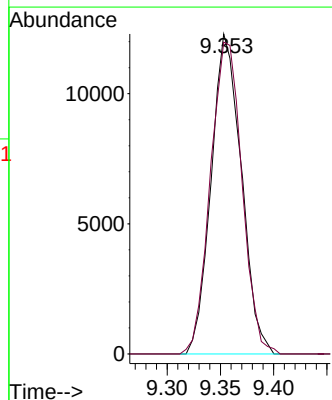
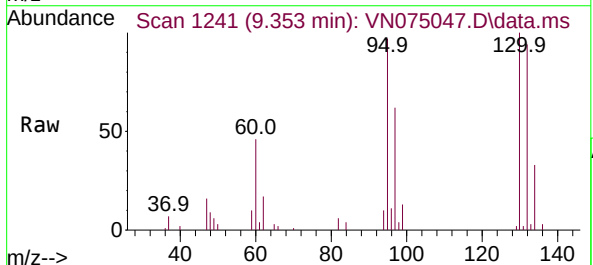
Manual Integrations
APPROVED

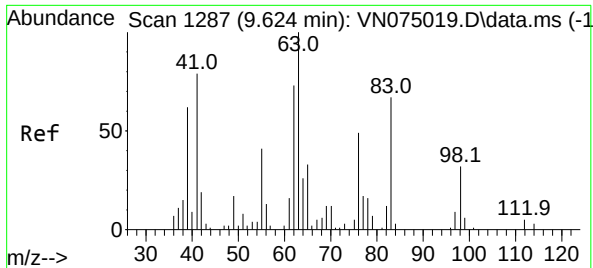
Reviewed By :John Carlone 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#44
Trichloroethene
Concen: 18.565 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VN075047.D
Acq: 27 Oct 2022 17:43

Tgt Ion:130 Resp: 24202
Ion Ratio Lower Upper
130 100
95 97.4 0.0 198.4





#45

1,2-Dichloropropane

Concen: 20.610 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN075047.D

Acq: 27 Oct 2022 17:43

Instrument :

MSVOA_N

ClientSampleId :

VN1027MBS01

Tgt Ion: 63 Resp: 2548

Ion Ratio Lower Upper

63 100

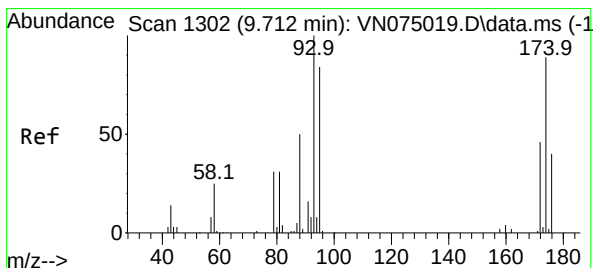
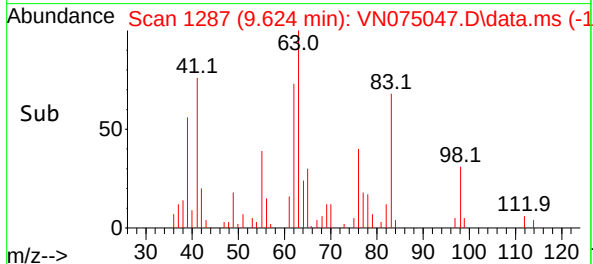
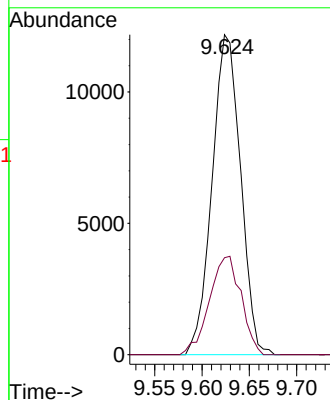
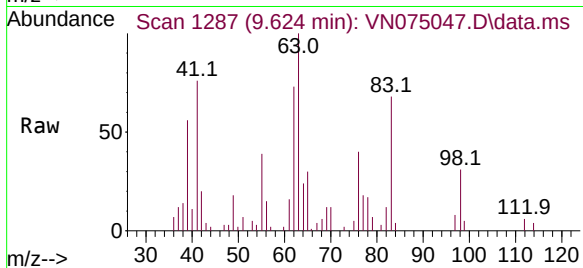
65 30.3 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/28/2022

Supervised By :Mahesh Dadoda 10/31/2022



#46

Dibromomethane

Concen: 18.930 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075047.D

Acq: 27 Oct 2022 17:43

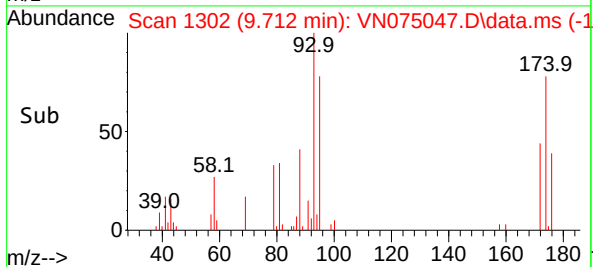
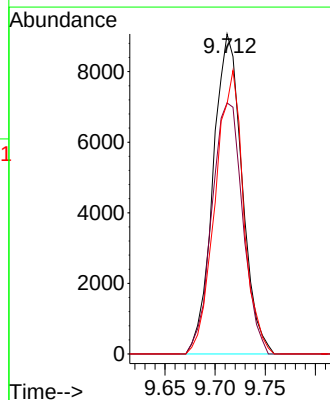
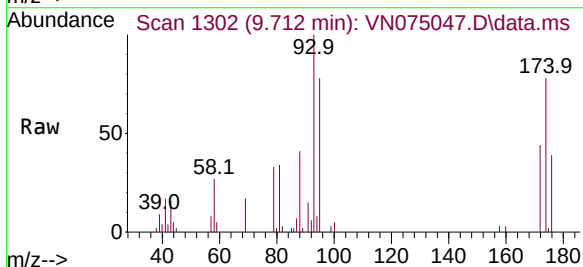
Tgt Ion: 93 Resp: 18237

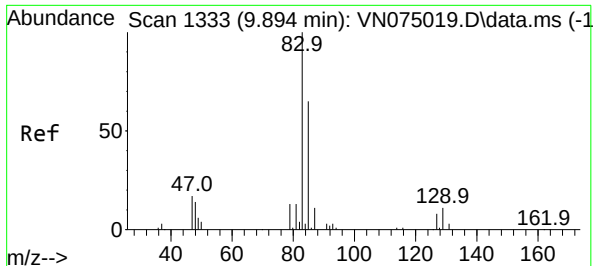
Ion Ratio Lower Upper

93 100

95 83.5 66.6 99.8

174 86.0 70.3 105.5





#47

Bromodichloromethane

Concen: 19.345 ug/l

RT: 9.894 min Scan# 1333

Delta R.T. 0.000 min

Lab File: VN075047.D

Acq: 27 Oct 2022 17:43

Instrument :

MSVOA_N

ClientSampleId :

VN1027MBS01

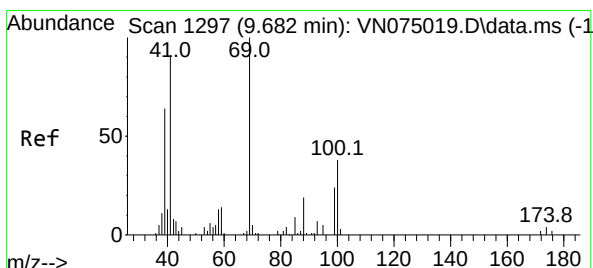
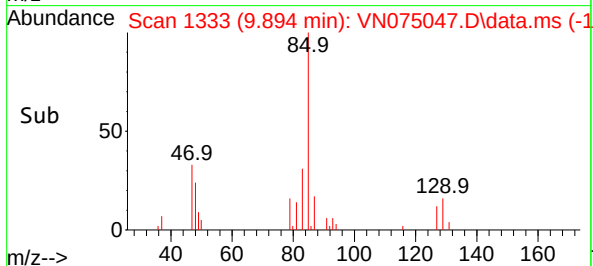
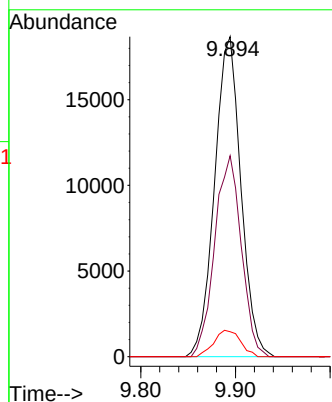
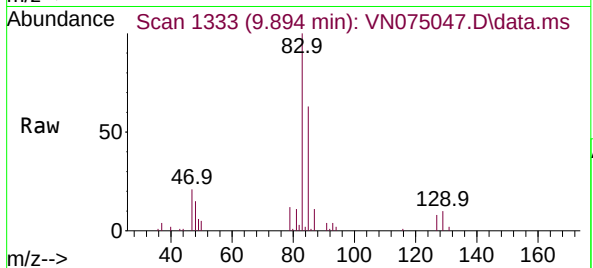
Tgt Ion:	83	Resp:	3609
Ion	Ratio	Lower	Upper
83	100		
85	62.8	52.1	78.1
127	7.8	6.6	10.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/28/2022

Supervised By :Mahesh Dadoda 10/31/2022



#48

Methyl methacrylate

Concen: 19.686 ug/l

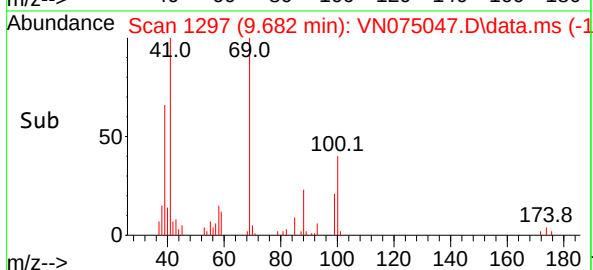
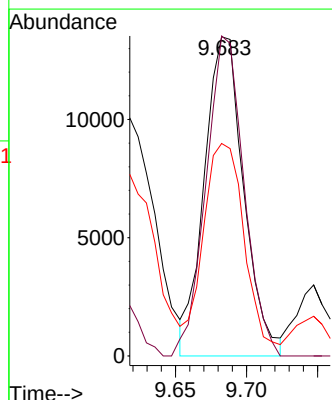
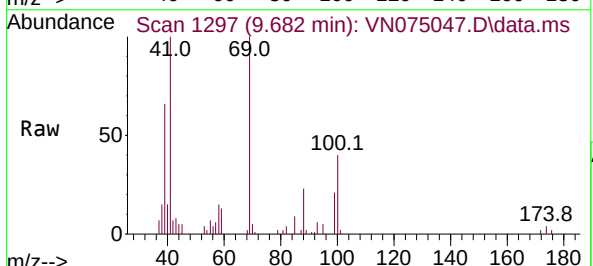
RT: 9.682 min Scan# 1297

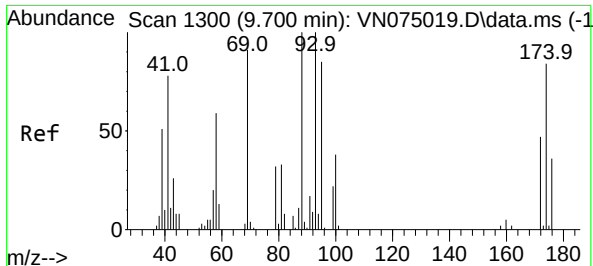
Delta R.T. 0.000 min

Lab File: VN075047.D

Acq: 27 Oct 2022 17:43

Tgt Ion:	41	Resp:	26069
Ion	Ratio	Lower	Upper
41	100		
69	96.4	80.2	120.2
39	70.3	56.2	84.2





#49

1,4-Dioxane

Concen: 374.198 ug/l

RT: 9.700 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN075047.D

Acq: 27 Oct 2022 17:43

Instrument :

MSVOA_N

ClientSampleId :

VN1027MBS01

Tgt Ion: 88 Resp: 12970

Ion Ratio Lower Upper

88 100

43 29.4 17.5 26.3

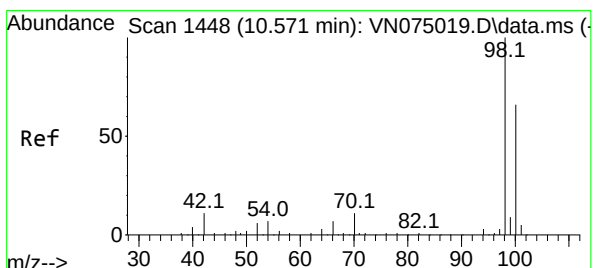
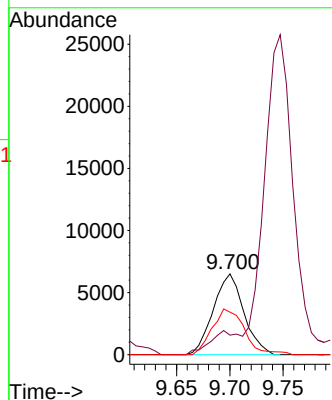
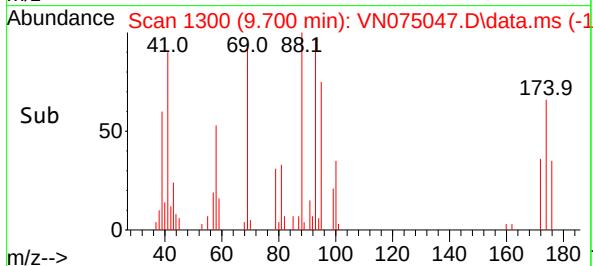
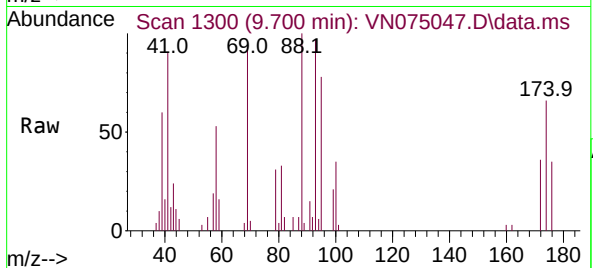
58 60.0 49.8 74.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/28/2022

Supervised By :Mahesh Dadoda 10/31/2022



#50

Toluene-d8

Concen: 50.706 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN075047.D

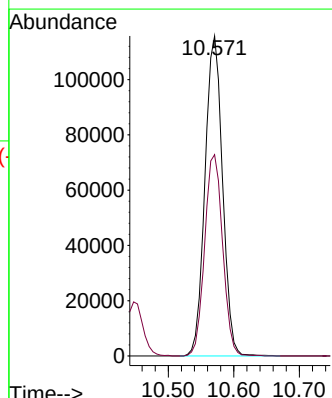
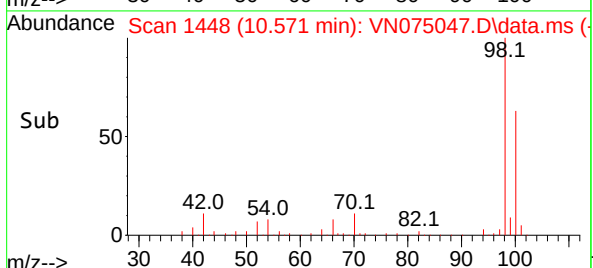
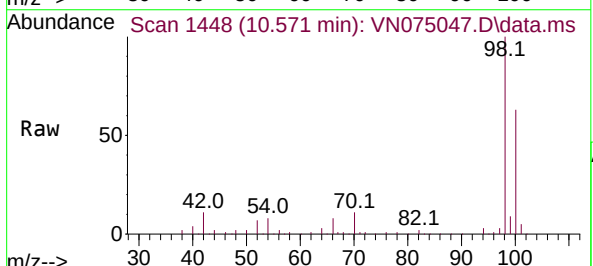
Acq: 27 Oct 2022 17:43

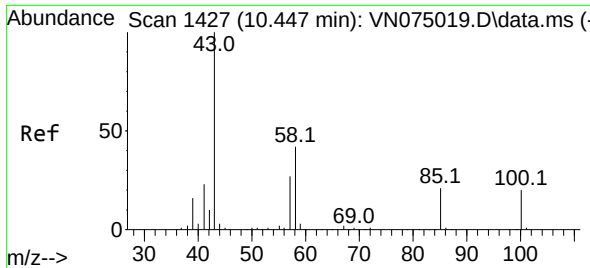
Tgt Ion: 98 Resp: 215644

Ion Ratio Lower Upper

98 100

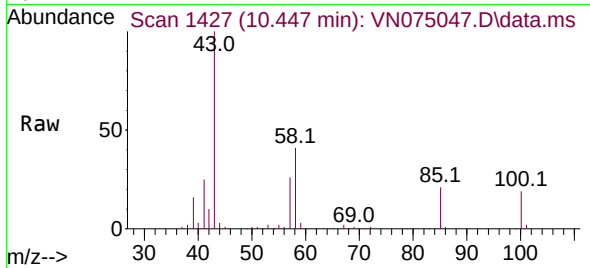
100 64.4 53.0 79.6





#51
4-Methyl-2-Pentanone
Concen: 99.513 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075047.D
Acq: 27 Oct 2022 17:43

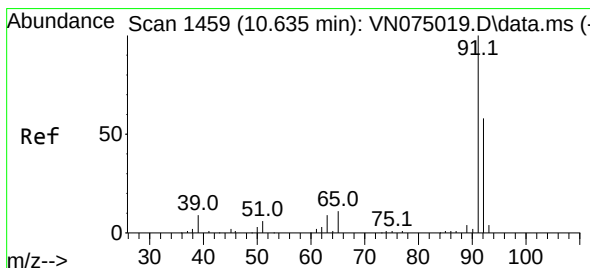
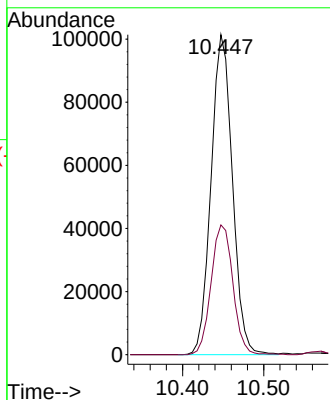
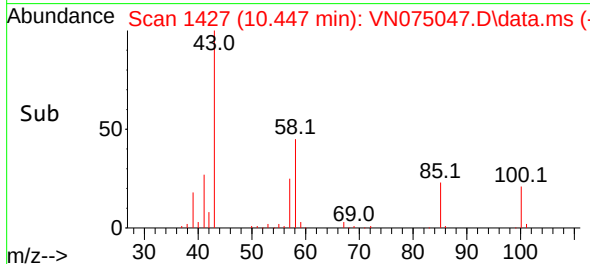
Instrument :
MSVOA_N
ClientSampleId :
VN1027MBS01



Tgt Ion: 43 Resp: 18538
Ion Ratio Lower Upper
43 100
58 41.4 33.6 50.4

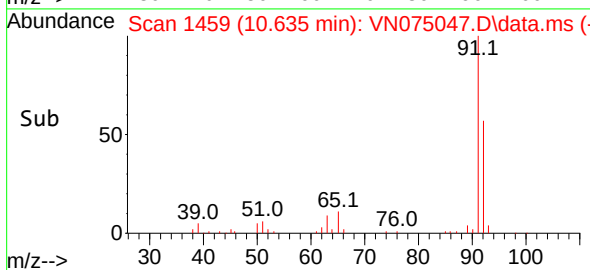
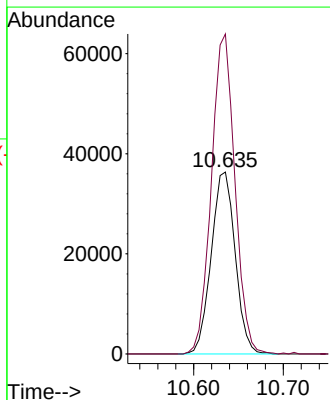
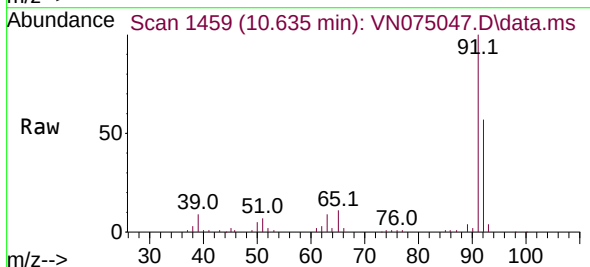
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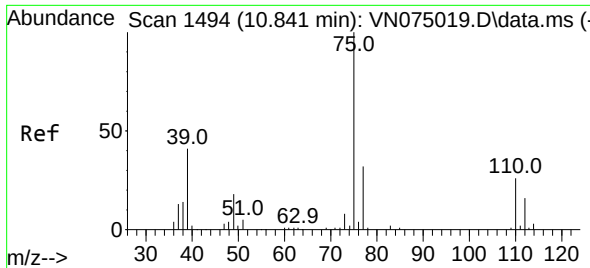
Reviewed By :John Carlone 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#52
Toluene
Concen: 19.409 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VN075047.D
Acq: 27 Oct 2022 17:43

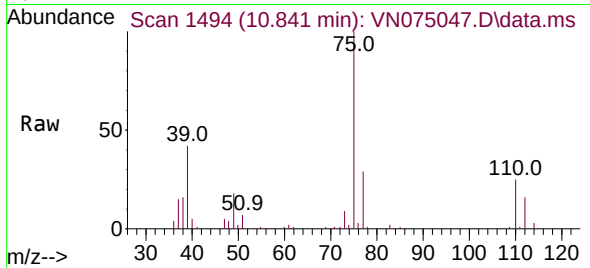
Tgt Ion: 92 Resp: 67415
Ion Ratio Lower Upper
92 100
91 172.5 135.4 203.2





#53
 t-1,3-Dichloropropene
 Concen: 18.950 ug/l
 RT: 10.841 min Scan# 1494
 Delta R.T. 0.000 min
 Lab File: VN075047.D
 Acq: 27 Oct 2022 17:43

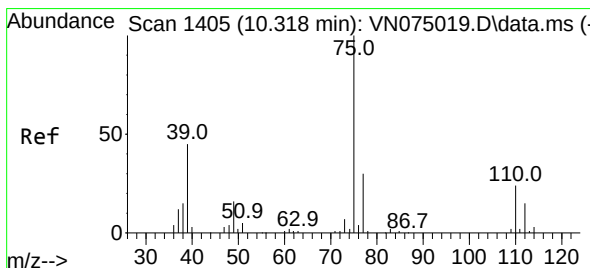
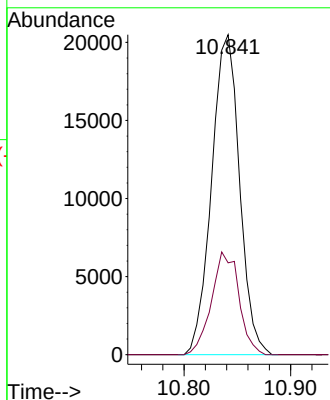
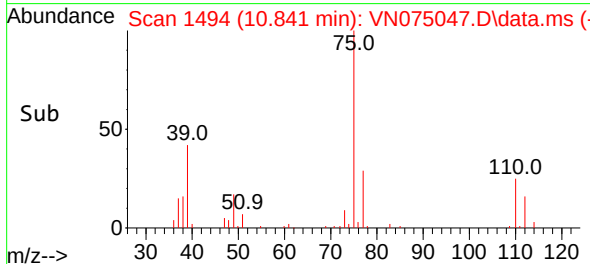
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1027MBS01



Tgt Ion: 75 Resp: 3731
 Ion Ratio Lower Upper
 75 100
 77 28.7 25.4 38.2

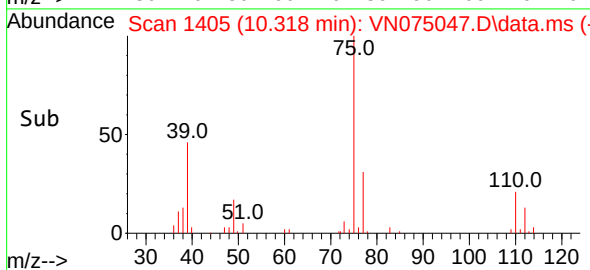
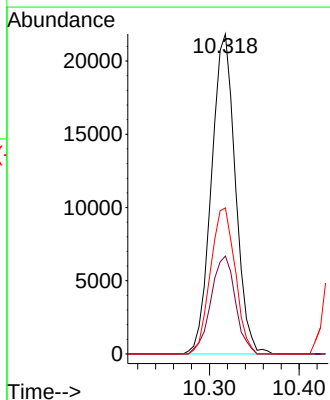
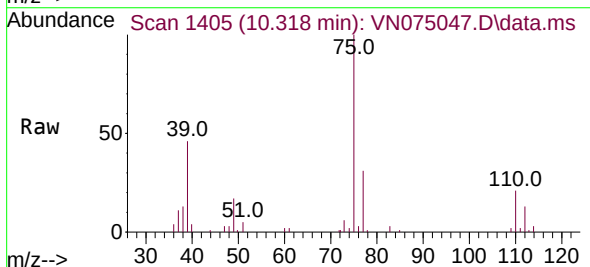
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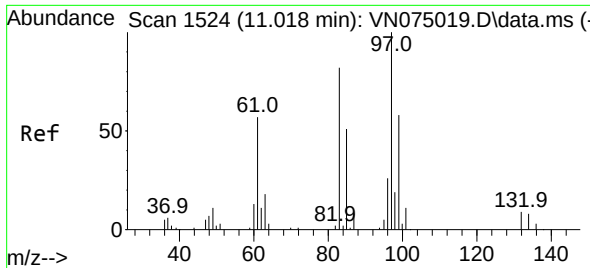
Reviewed By :John Carlone 10/28/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#54
 cis-1,3-Dichloropropene
 Concen: 19.322 ug/l
 RT: 10.318 min Scan# 1405
 Delta R.T. -0.000 min
 Lab File: VN075047.D
 Acq: 27 Oct 2022 17:43

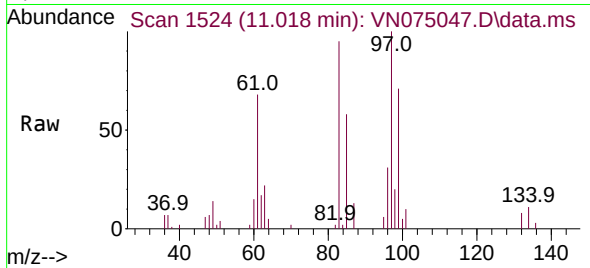
Tgt Ion: 75 Resp: 40356
 Ion Ratio Lower Upper
 75 100
 77 30.6 23.7 35.5
 39 45.6 35.8 53.6





#55
1,1,2-Trichloroethane
Concen: 19.100 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN075047.D
Acq: 27 Oct 2022 17:43

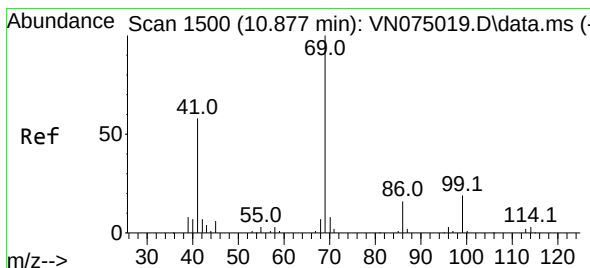
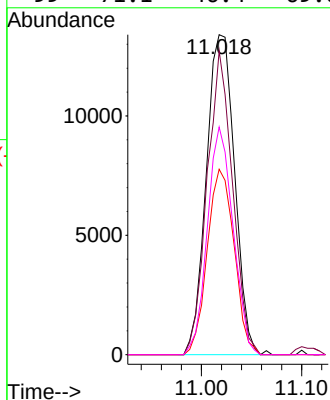
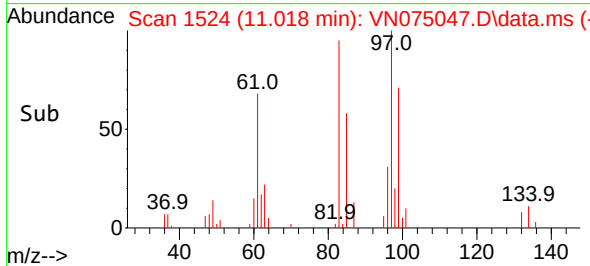
Instrument :
MSVOA_N
ClientSampleId :
VN1027MBS01



Tgt Ion	Ratio	Lower	Upper
97	100		
83	94.9	65.9	98.9
85	58.0	40.4	60.6
99	71.1	46.4	69.6

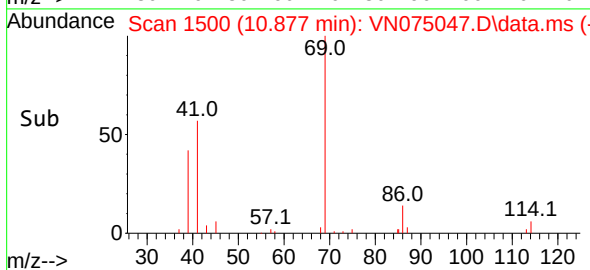
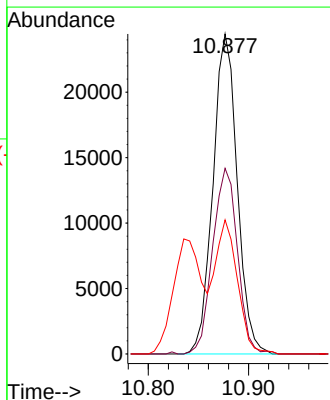
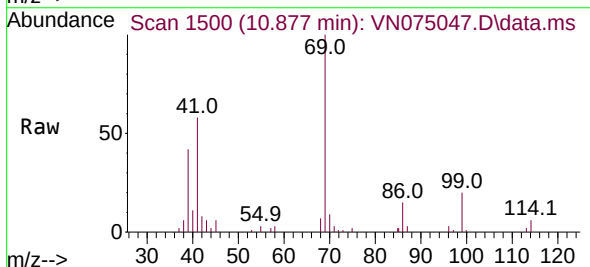
Manual Integrations
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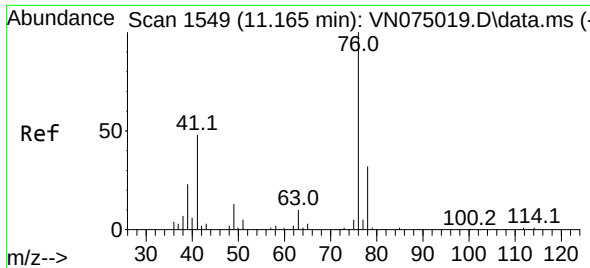
Reviewed By :John Carlone 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#56
Ethyl methacrylate
Concen: 19.542 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN075047.D
Acq: 27 Oct 2022 17:43

Tgt Ion	Ratio	Lower	Upper
69	100		
41	59.4	45.6	68.4
39	38.6	28.5	42.7





#57

1,3-Dichloropropane

Concen: 19.802 ug/l

RT: 11.165 min Scan# 1549

Delta R.T. -0.000 min

Lab File: VN075047.D

Acq: 27 Oct 2022 17:43

Instrument :

MSVOA_N

ClientSampleId :

VN1027MBS01

Tgt Ion: 76 Resp: 45418

Ion Ratio Lower Upper

76 100

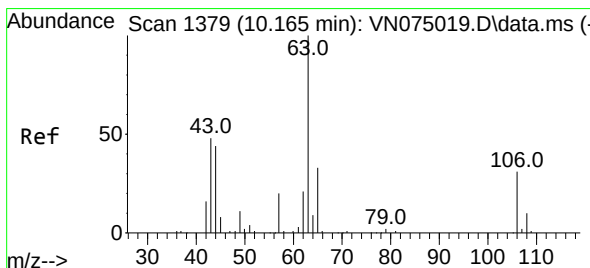
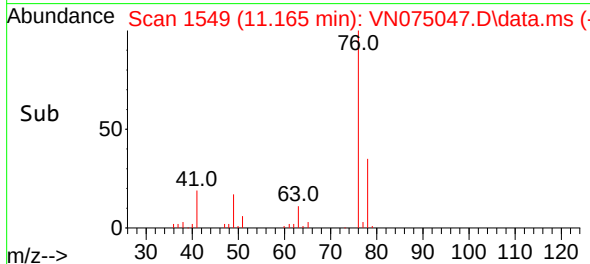
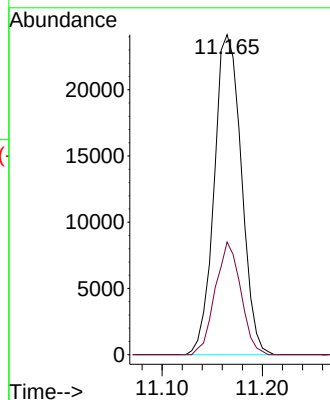
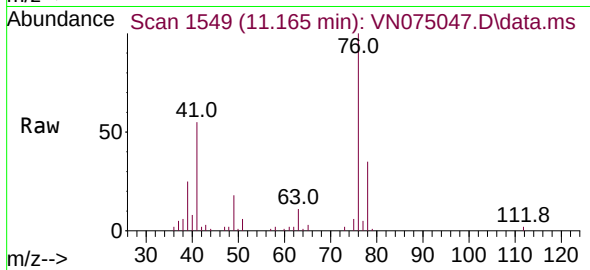
78 33.2 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/28/2022

Supervised By :Mahesh Dadoda 10/31/2022



#58

2-Chloroethyl Vinyl ether

Concen: 100.473 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN075047.D

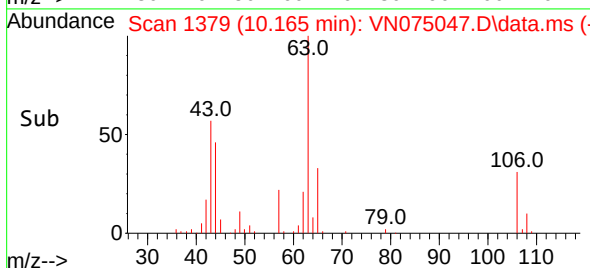
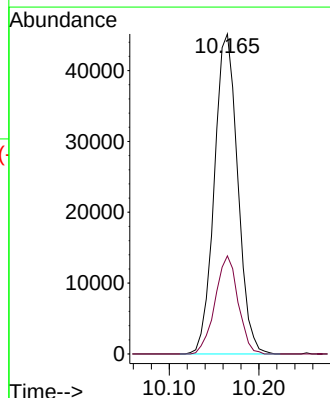
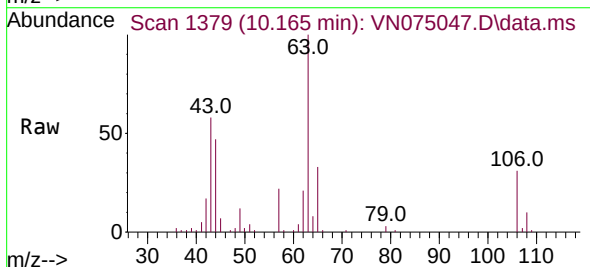
Acq: 27 Oct 2022 17:43

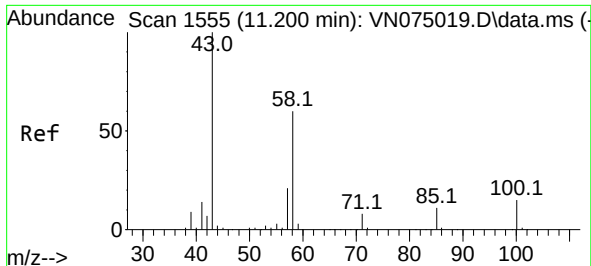
Tgt Ion: 63 Resp: 81602

Ion Ratio Lower Upper

63 100

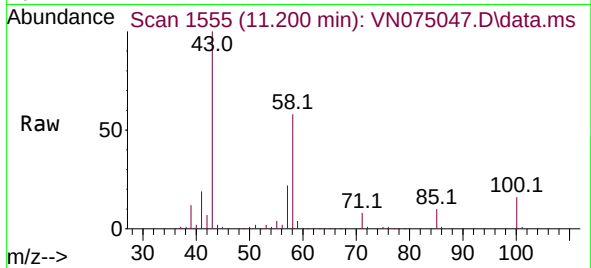
106 30.1 24.8 37.2





#59
2-Hexanone
Concen: 99.294 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN075047.D
Acq: 27 Oct 2022 17:43

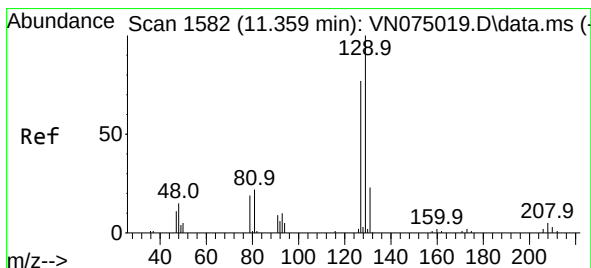
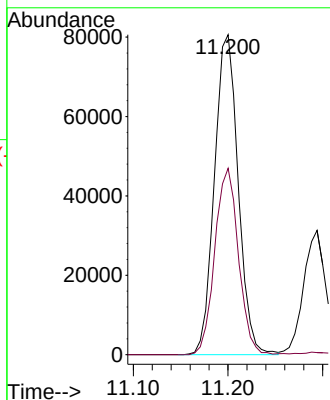
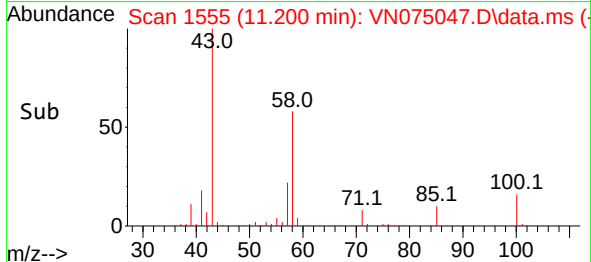
Instrument :
MSVOA_N
ClientSampleId :
VN1027MBS01



Tgt Ion: 43 Resp: 140390
Ion Ratio Lower Upper
43 100
58 57.9 29.6 88.8

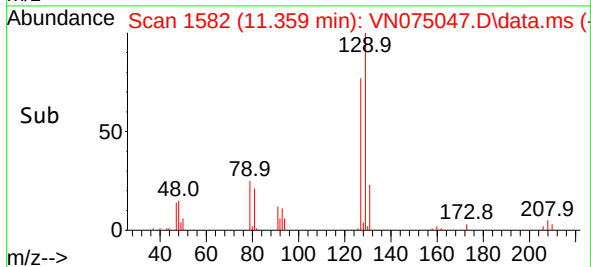
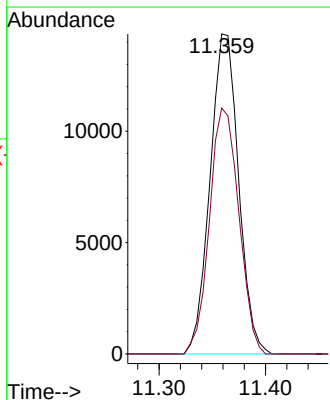
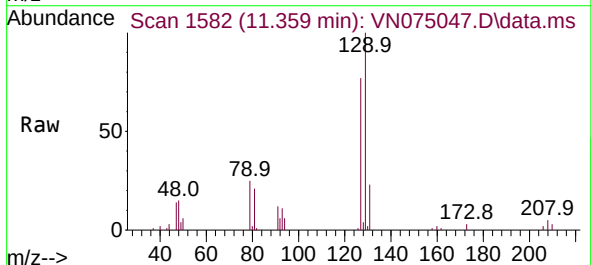
Manual Integrations
APPROVED

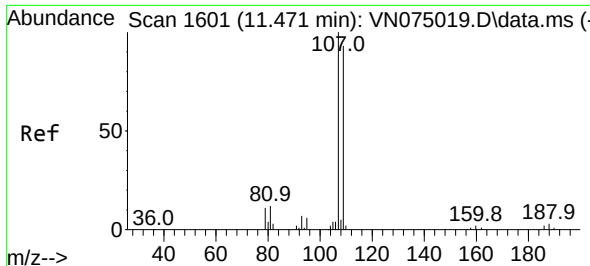
Reviewed By :John Carlone 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#60
Dibromochloromethane
Concen: 18.408 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN075047.D
Acq: 27 Oct 2022 17:43

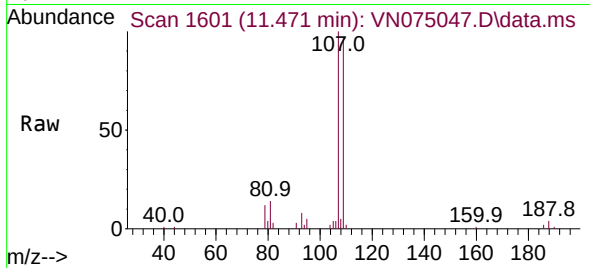
Tgt Ion:129 Resp: 26748
Ion Ratio Lower Upper
129 100
127 79.0 38.6 115.8





#61
1,2-Dibromoethane
Concen: 19.162 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN075047.D
Acq: 27 Oct 2022 17:43

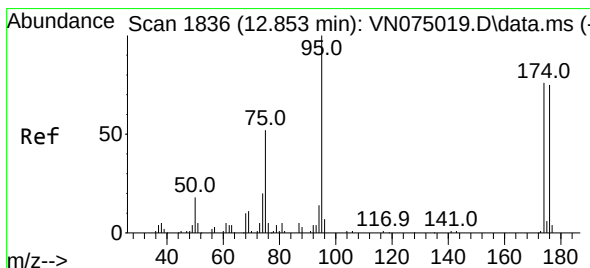
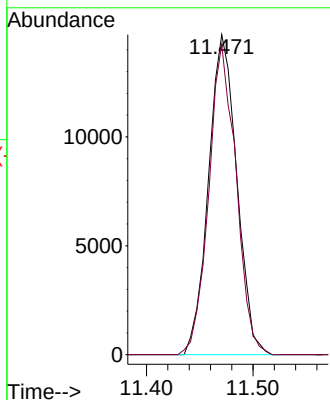
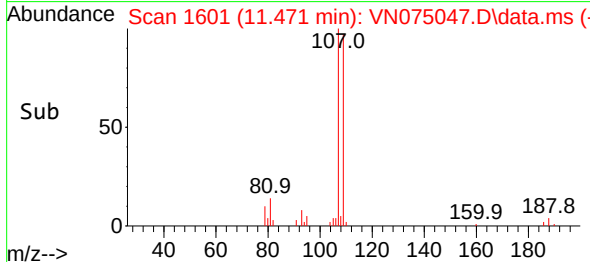
Instrument :
MSVOA_N
ClientSampleId :
VN1027MBS01



Tgt Ion:107 Resp: 27040
Ion Ratio Lower Upper
107 100
109 93.6 75.6 113.4

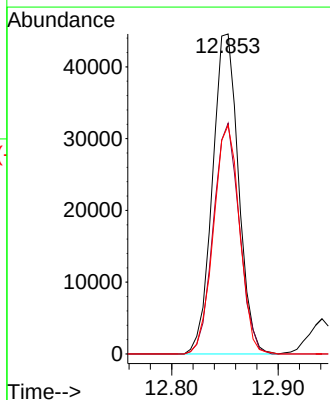
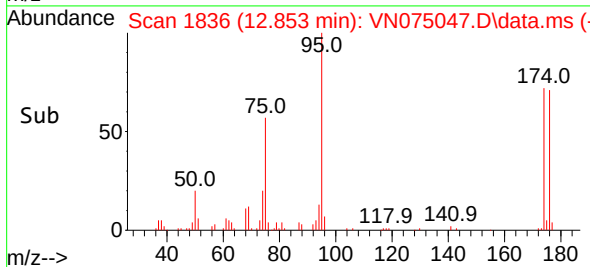
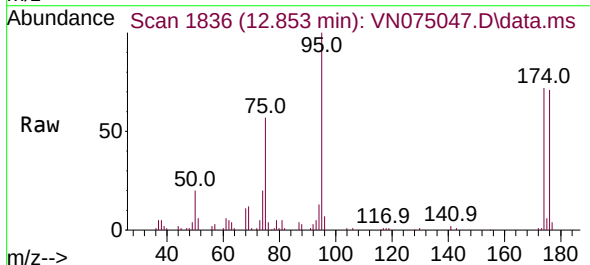
Manual Integrations
APPROVED

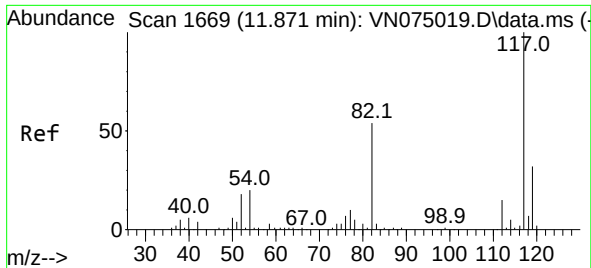
Reviewed By :John Carlone 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#62
4-Bromofluorobenzene
Concen: 50.664 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075047.D
Acq: 27 Oct 2022 17:43

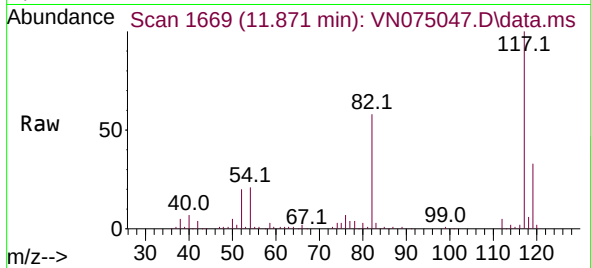
Tgt Ion: 95 Resp: 75689
Ion Ratio Lower Upper
95 100
174 72.0 0.0 147.4
176 71.5 0.0 142.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VN075047.D
Acq: 27 Oct 2022 17:43

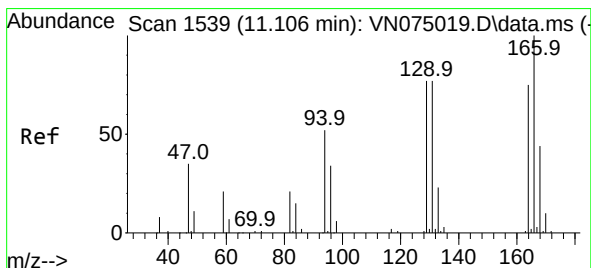
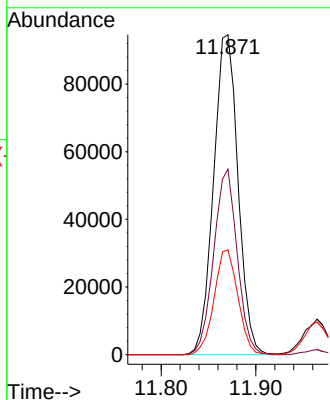
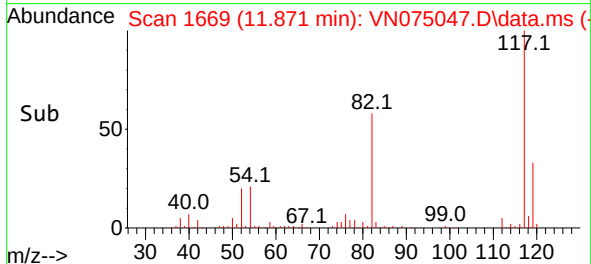
Instrument :
MSVOA_N
ClientSampleId :
VN1027MBS01



Tgt Ion:117 Resp: 16999
Ion Ratio Lower Upper
117 100
82 57.9 43.1 64.7
119 32.7 25.5 38.3

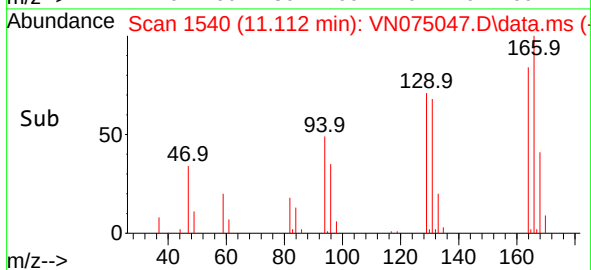
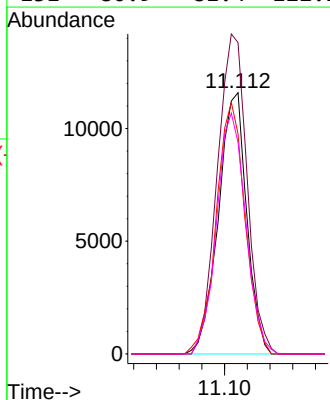
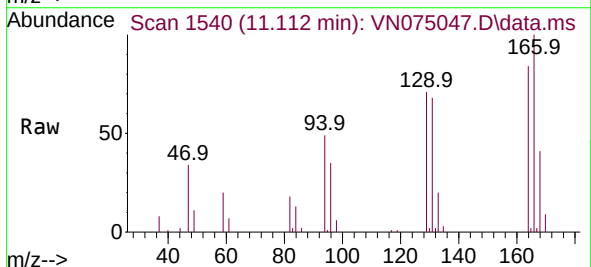
Manual Integrations
APPROVED

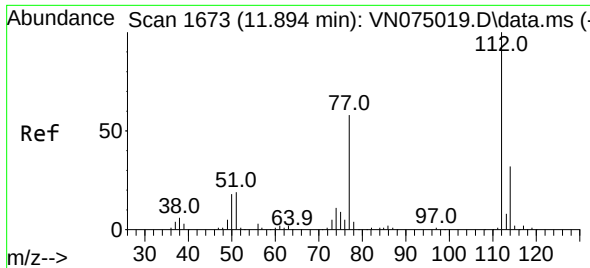
Reviewed By :John Carlone 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#64
Tetrachloroethene
Concen: 19.244 ug/l
RT: 11.112 min Scan# 1540
Delta R.T. 0.006 min
Lab File: VN075047.D
Acq: 27 Oct 2022 17:43

Tgt Ion:164 Resp: 20056
Ion Ratio Lower Upper
164 100
166 119.1 106.5 159.7
129 84.3 81.9 122.9
131 80.9 81.4 122.2#





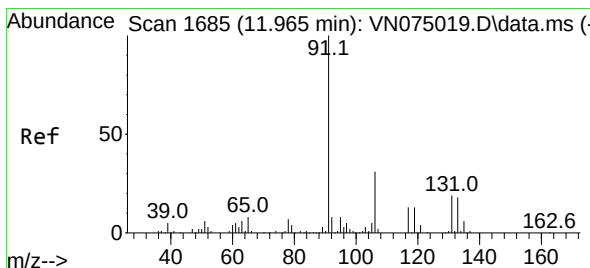
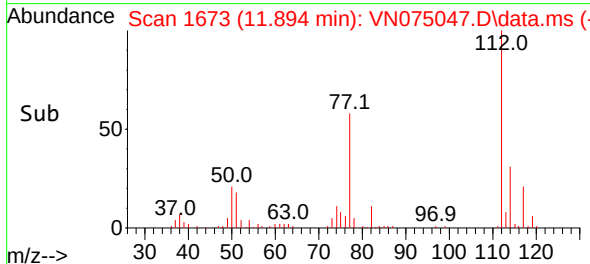
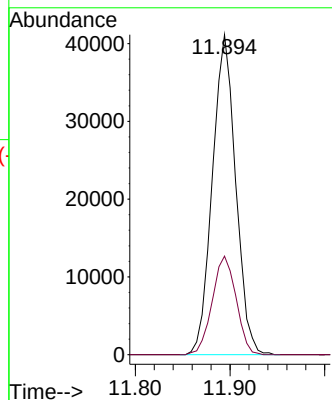
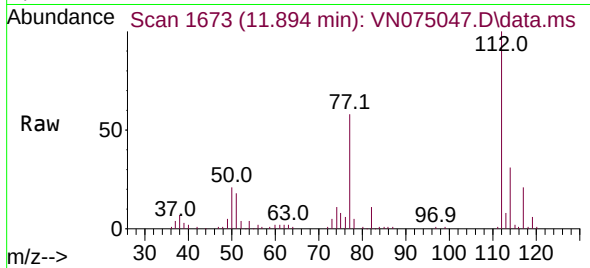
#65
Chlorobenzene
Concen: 19.369 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075047.D
Acq: 27 Oct 2022 17:43

Instrument :
MSVOA_N
ClientSampleId :
VN1027MBS01

Tgt Ion:112 Resp: 7028
Ion Ratio Lower Upper
112 100
114 30.8 25.4 38.2

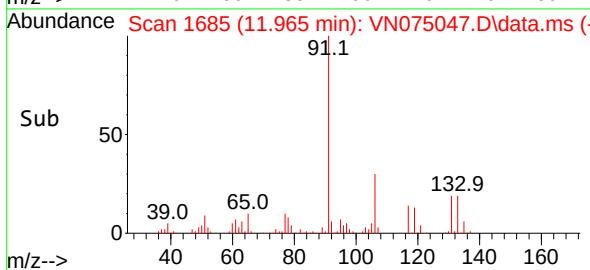
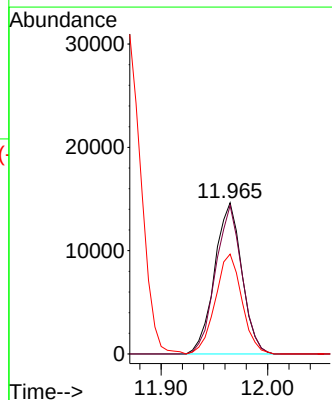
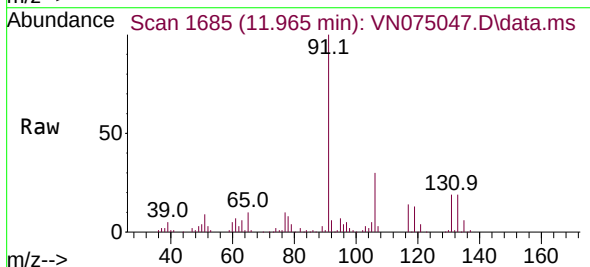
Manual Integrations
APPROVED

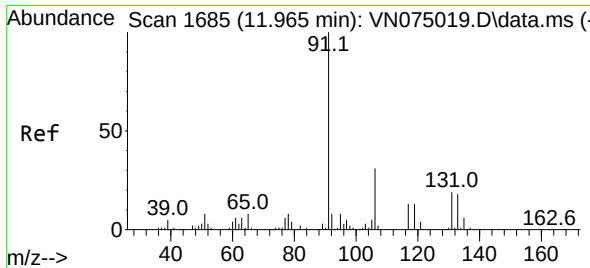
Reviewed By :John Carlone 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 19.304 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075047.D
Acq: 27 Oct 2022 17:43

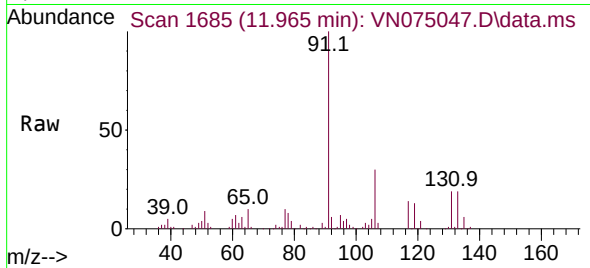
Tgt Ion:131 Resp: 25984
Ion Ratio Lower Upper
131 100
133 94.9 47.8 143.4
119 64.5 33.0 99.0





#67
Ethyl Benzene
Concen: 19.743 ug/l
RT: 11.965 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN075047.D
Acq: 27 Oct 2022 17:43

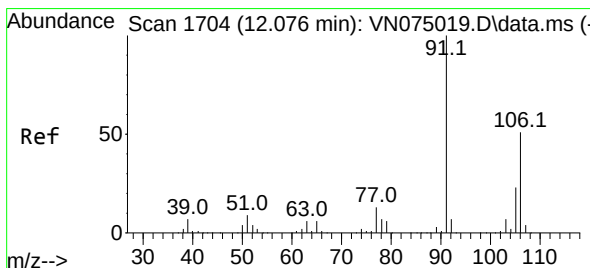
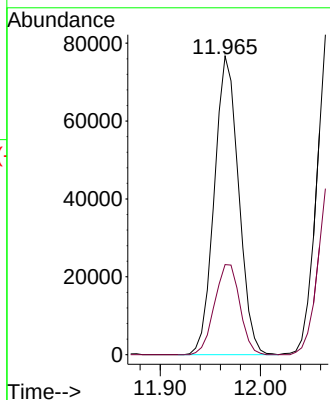
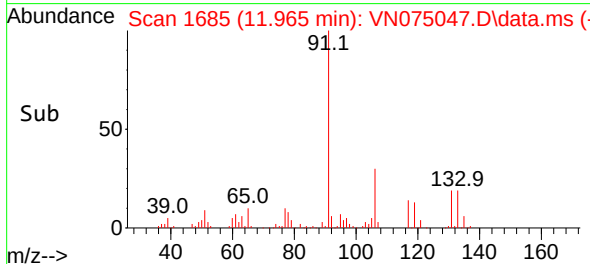
Instrument :
MSVOA_N
ClientSampleId :
VN1027MBS01



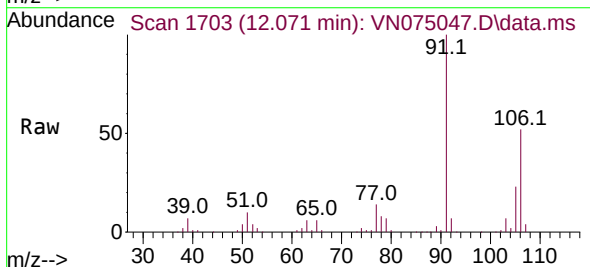
Tgt Ion: 91 Resp: 128889
Ion Ratio Lower Upper
91 100
106 30.2 24.9 37.3

Manual Integrations
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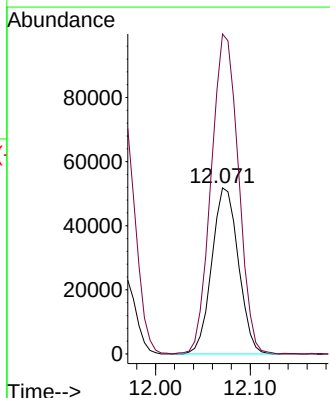
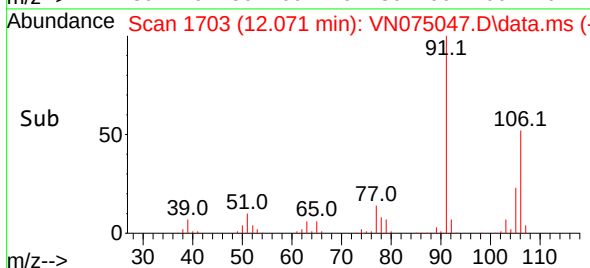
Reviewed By :John Carlone 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022

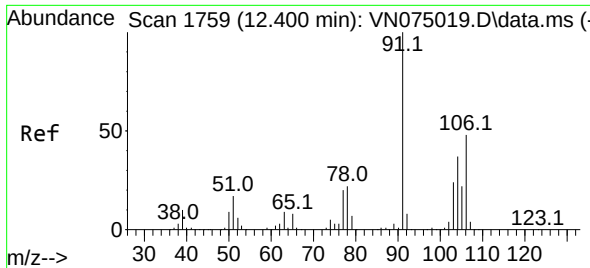


#68
m/p-Xylenes
Concen: 38.576 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.005 min
Lab File: VN075047.D
Acq: 27 Oct 2022 17:43



Tgt Ion:106 Resp: 101049
Ion Ratio Lower Upper
106 100
91 197.5 156.0 234.0





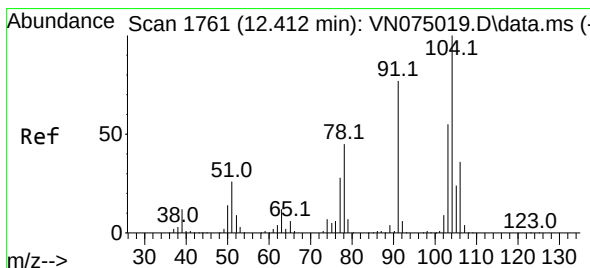
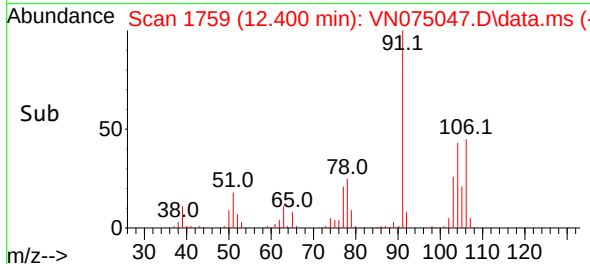
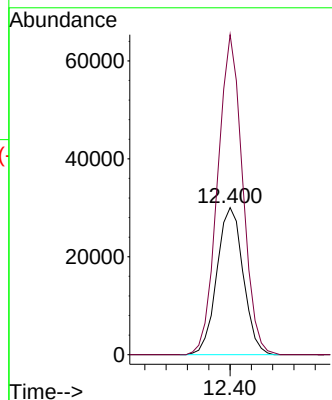
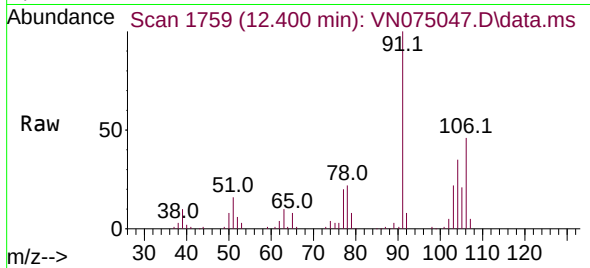
#69
o-Xylene
Concen: 19.897 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075047.D
Acq: 27 Oct 2022 17:43

Instrument :
MSVOA_N
ClientSampleId :
VN1027MBS01

Tgt Ion:106 Resp: 51544
Ion Ratio Lower Upper
106 100
91 206.3 105.2 315.5

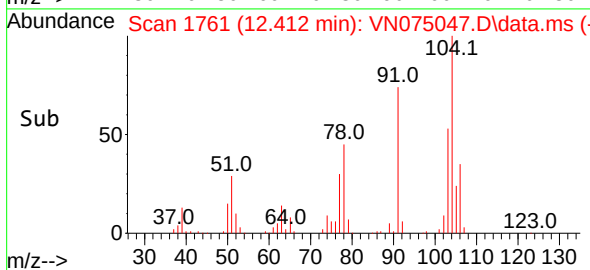
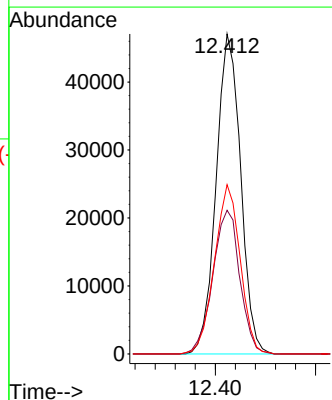
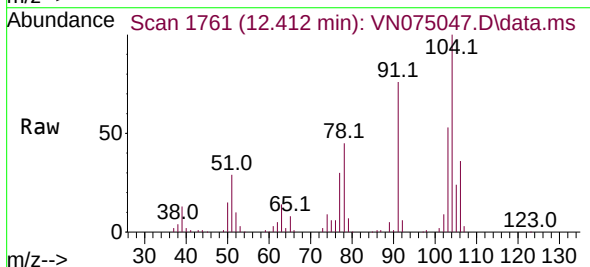
Manual Integrations
APPROVED

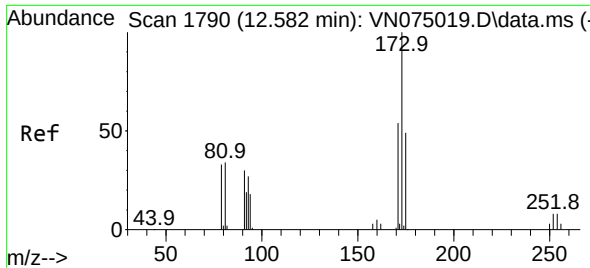
Reviewed By :John Carlone 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#70
Styrene
Concen: 19.321 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075047.D
Acq: 27 Oct 2022 17:43

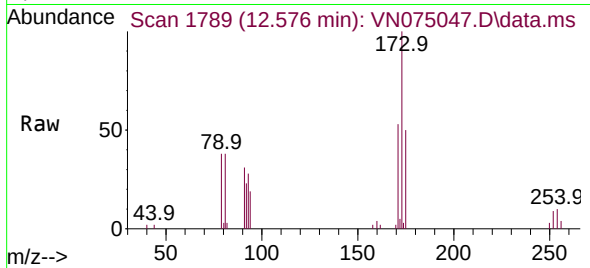
Tgt Ion:104 Resp: 79807
Ion Ratio Lower Upper
104 100
78 49.5 38.1 57.1
103 55.6 44.6 66.8





#71
Bromoform
Concen: 17.979 ug/l
RT: 12.576 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VN075047.D
Acq: 27 Oct 2022 17:43

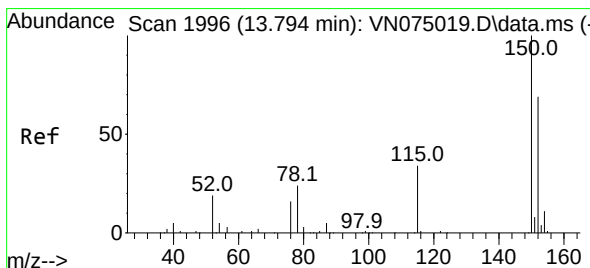
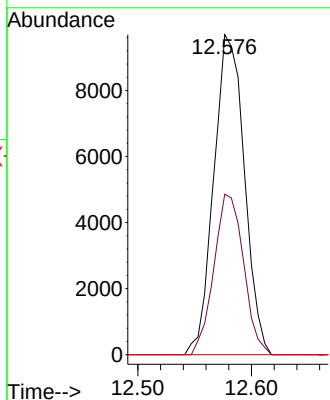
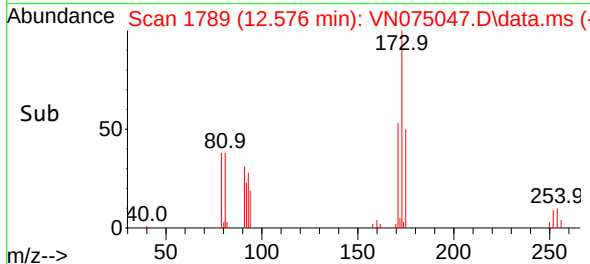
Instrument :
MSVOA_N
ClientSampleId :
VN1027MBS01



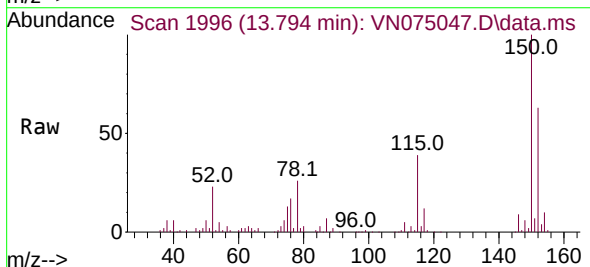
Tgt Ion:173 Resp: 18119
Ion Ratio Lower Upper
173 100
175 48.7 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

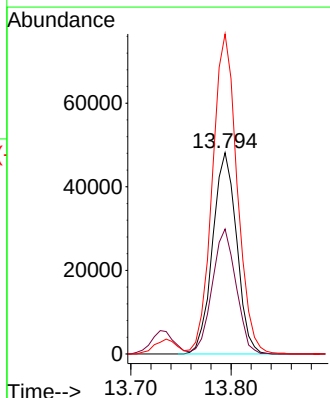
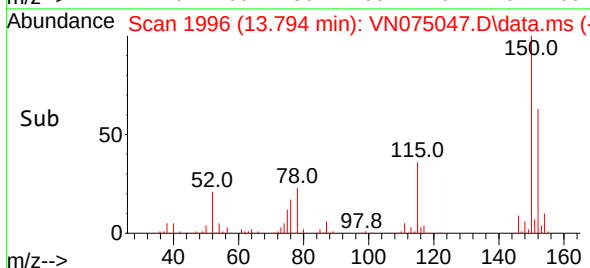
Reviewed By :John Carlone 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022

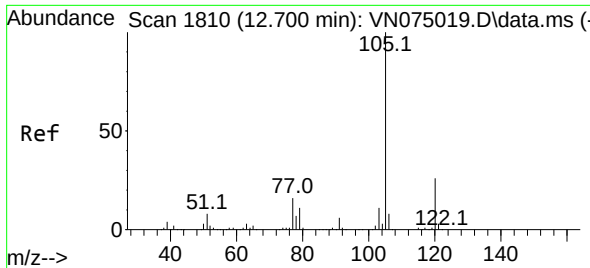


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075047.D
Acq: 27 Oct 2022 17:43



Tgt Ion:152 Resp: 80021
Ion Ratio Lower Upper
152 100
115 61.6 30.2 90.6
150 164.6 0.0 348.4





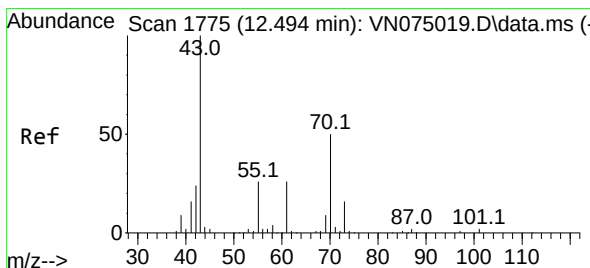
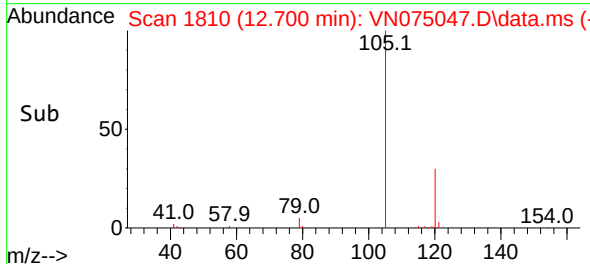
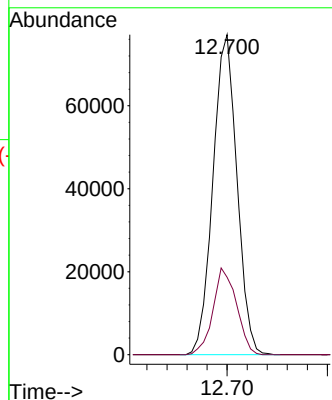
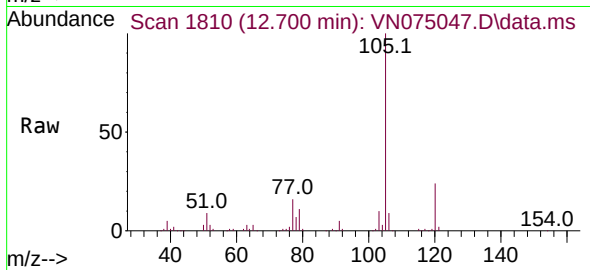
#73
Isopropylbenzene
Concen: 19.963 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN075047.D
Acq: 27 Oct 2022 17:43

Instrument :
MSVOA_N
ClientSampleId :
VN1027MBS01

Tgt Ion:105 Resp: 128248
Ion Ratio Lower Upper
105 100
120 26.5 13.1 39.1

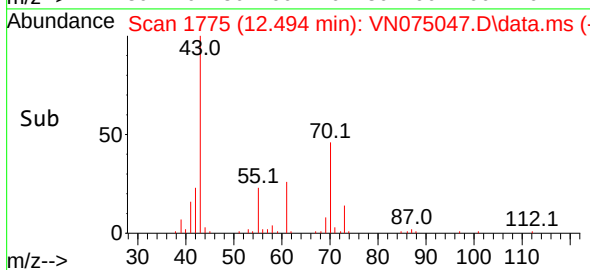
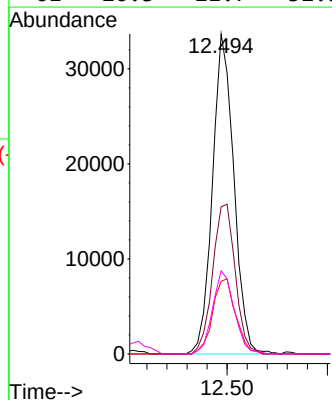
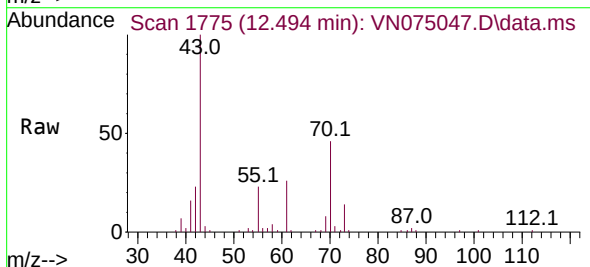
Manual Integrations
APPROVED

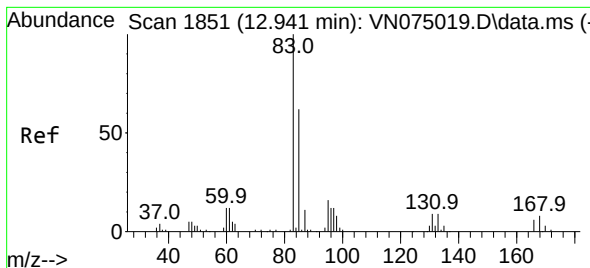
Reviewed By :John Carlone 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#74
N-ethyl acetate
Concen: 20.958 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN075047.D
Acq: 27 Oct 2022 17:43

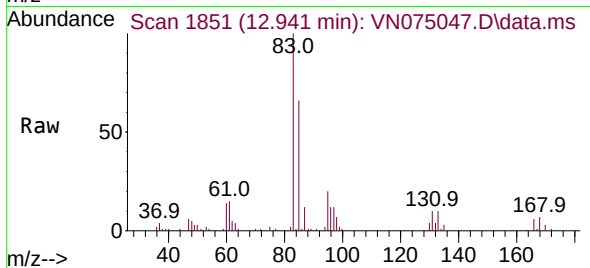
Tgt Ion: 43 Resp: 49796
Ion Ratio Lower Upper
43 100
70 49.5 39.8 59.8
55 25.2 19.9 29.9
61 26.3 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 20.468 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075047.D
Acq: 27 Oct 2022 17:43

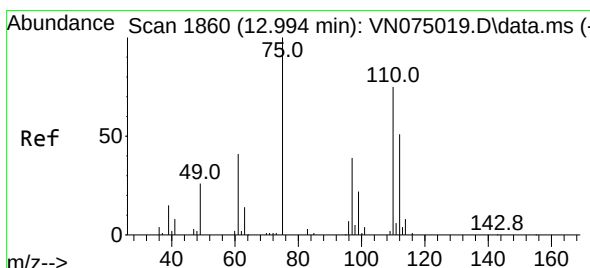
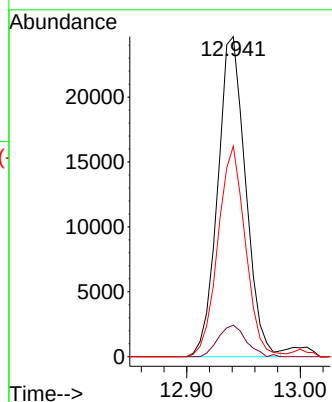
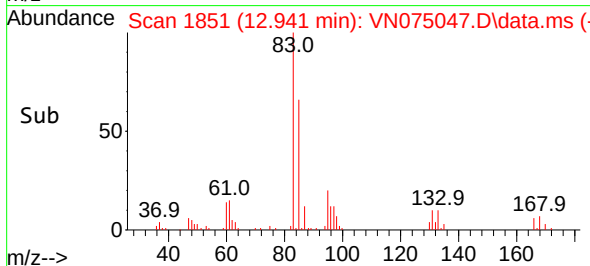
Instrument :
MSVOA_N
ClientSampleId :
VN1027MBS01



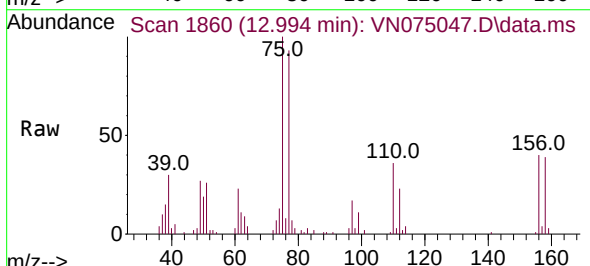
Tgt Ion: 83 Resp: 4210
Ion Ratio Lower Upper
83 100
131 9.8 5.1 15.3
85 64.7 31.6 94.7

Manual Integrations
APPROVED

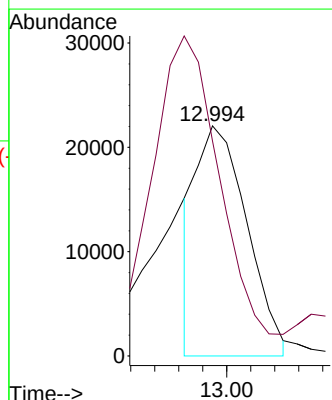
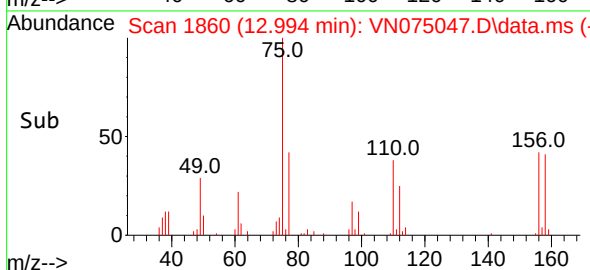
Reviewed By :John Carlone 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022

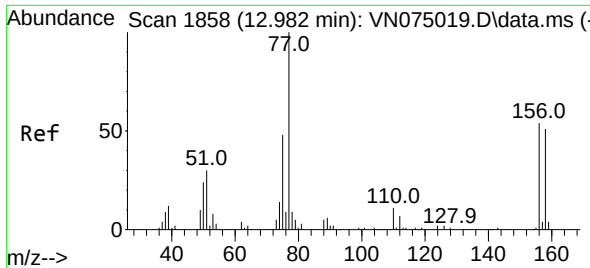


#76
1,2,3-Trichloropropane
Concen: 19.054 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN075047.D
Acq: 27 Oct 2022 17:43



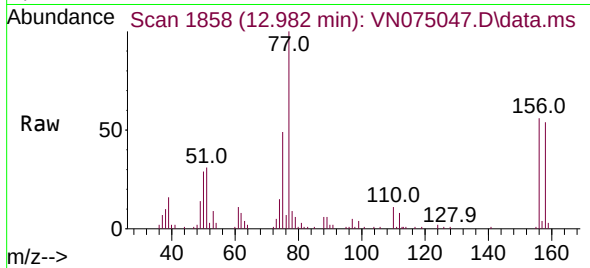
Tgt Ion: 75 Resp: 32374
Ion Ratio Lower Upper
75 100
77 192.8 75.6 226.8





#77
Bromobenzene
Concen: 20.010 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075047.D
Acq: 27 Oct 2022 17:43

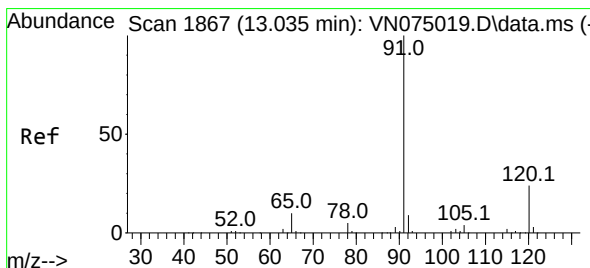
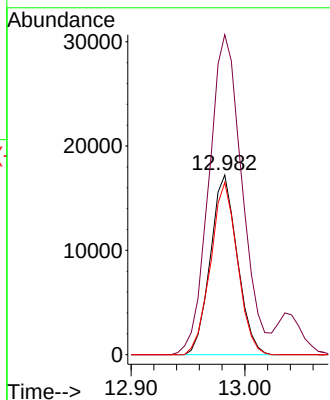
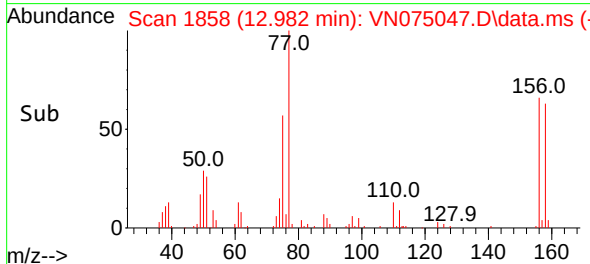
Instrument :
MSVOA_N
ClientSampleId :
VN1027MBS01



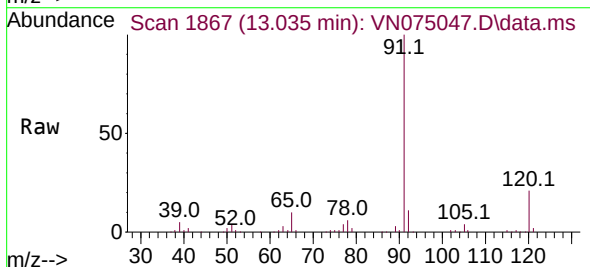
Tgt Ion:156 Resp: 2830
Ion Ratio Lower Upper
156 100
77 220.5 108.5 325.5
158 95.8 47.7 143.1

Manual Integrations
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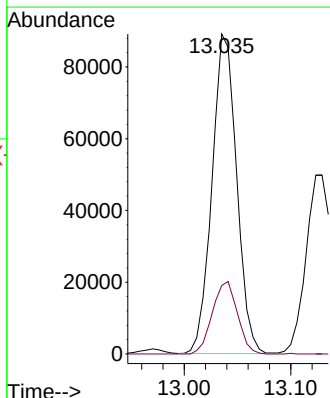
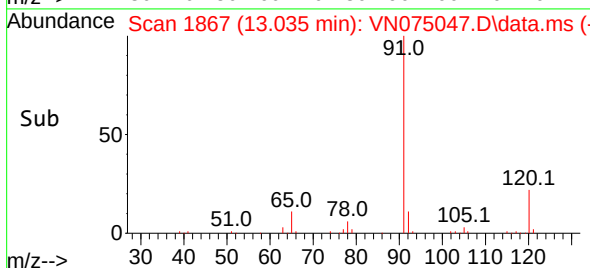
Reviewed By :John Carlone 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022

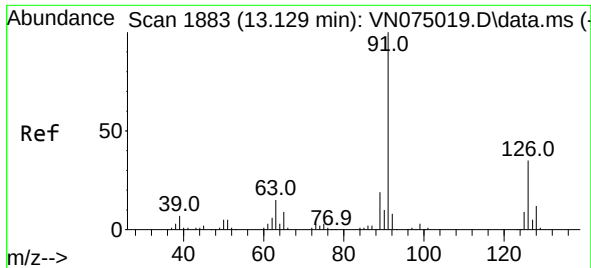


#78
n-propylbenzene
Concen: 19.845 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN075047.D
Acq: 27 Oct 2022 17:43



Tgt Ion: 91 Resp: 143134
Ion Ratio Lower Upper
91 100
120 23.0 11.9 35.5





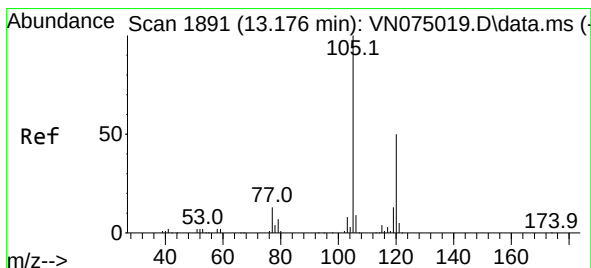
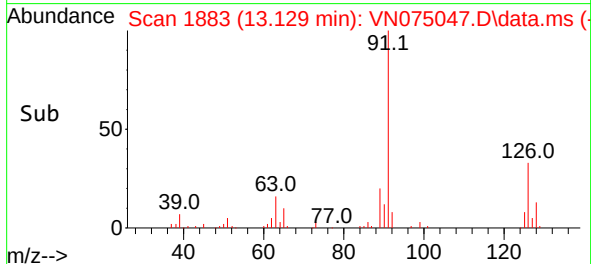
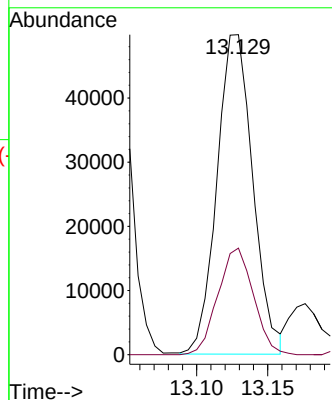
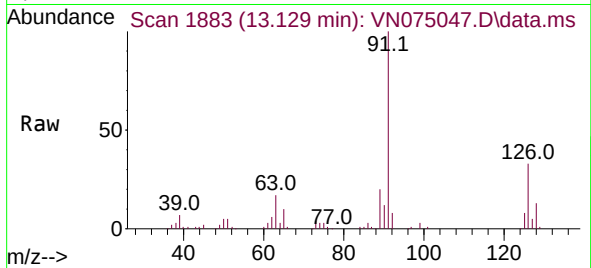
#79
2-Chlorotoluene
Concen: 19.898 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075047.D
Acq: 27 Oct 2022 17:43

Instrument :
MSVOA_N
ClientSampleId :
VN1027MBS01

Tgt Ion: 91 Resp: 87700
Ion Ratio Lower Upper
91 100
126 33.0 16.9 50.7

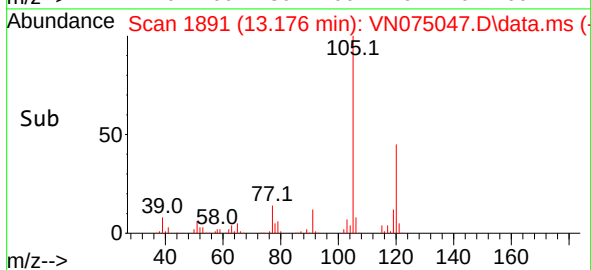
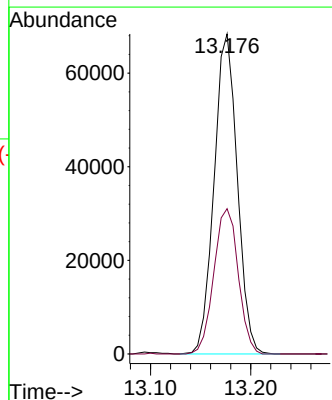
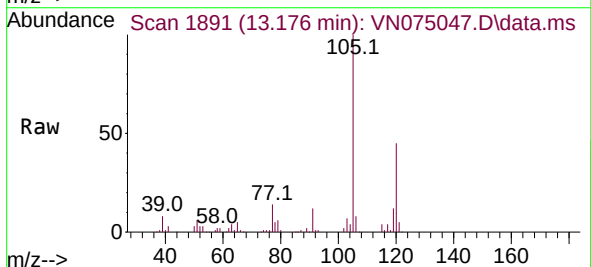
Manual Integrations
APPROVED

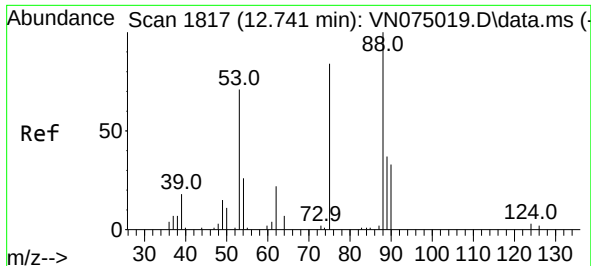
Reviewed By :John Carlone 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#80
1,3,5-Trimethylbenzene
Concen: 20.342 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075047.D
Acq: 27 Oct 2022 17:43

Tgt Ion:105 Resp: 109759
Ion Ratio Lower Upper
105 100
120 47.7 24.7 74.1





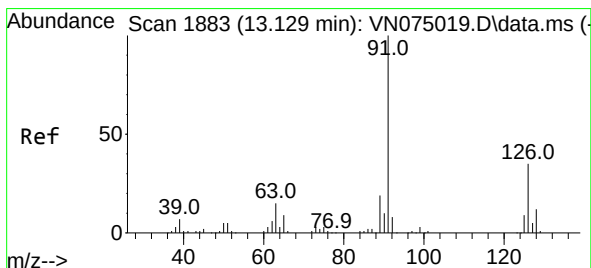
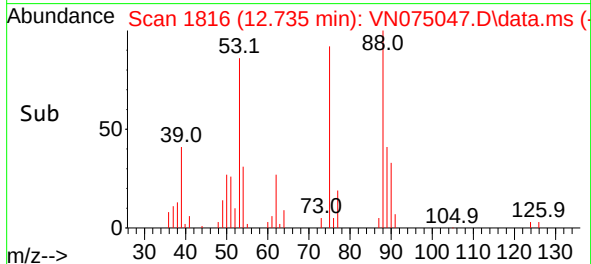
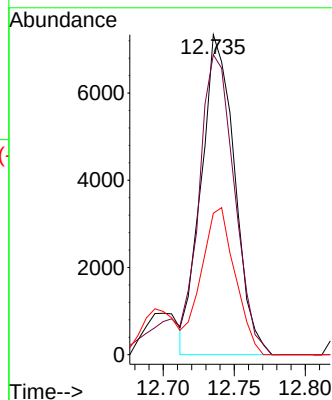
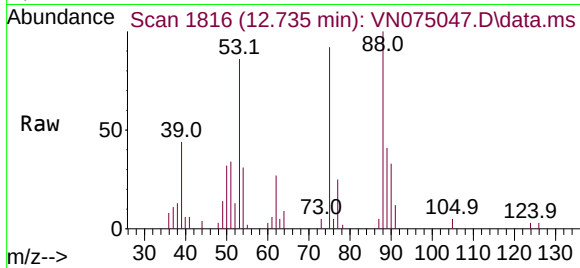
#81
trans-1,4-Dichloro-2-butene
Concen: 18.144 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. -0.006 min
Lab File: VN075047.D
Acq: 27 Oct 2022 17:43

Instrument :
MSVOA_N
ClientSampleId :
VN1027MBS01

Tgt Ion: 75 Resp: 12009
Ion Ratio Lower Upper
75 100
53 109.6 78.5 117.7
89 46.9 37.7 56.5

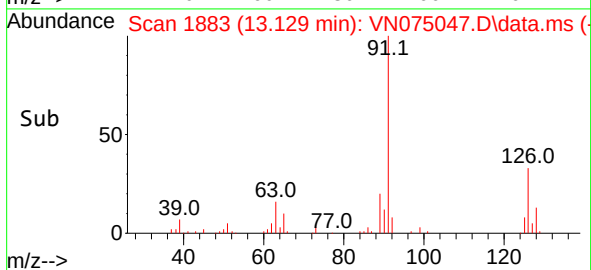
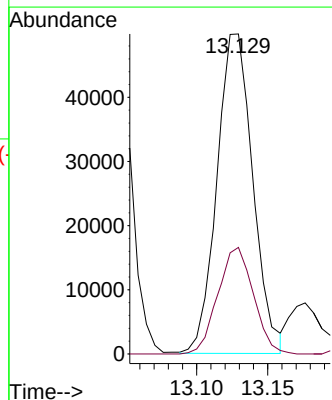
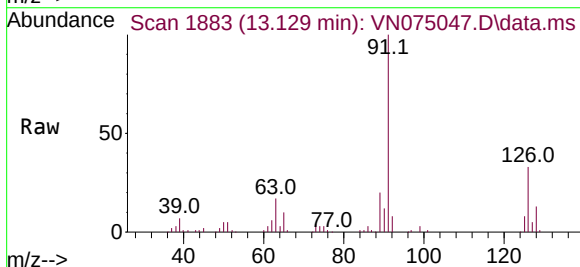
Manual Integrations
APPROVED

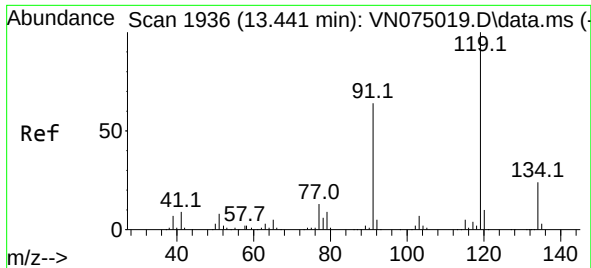
Reviewed By :John Carlone 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#82
4-Chlorotoluene
Concen: 19.898 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075047.D
Acq: 27 Oct 2022 17:43

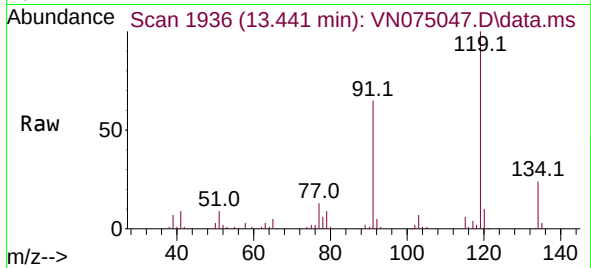
Tgt Ion: 91 Resp: 87700
Ion Ratio Lower Upper
91 100
126 33.0 16.9 50.7





#83
tert-Butylbenzene
Concen: 20.074 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075047.D
Acq: 27 Oct 2022 17:43

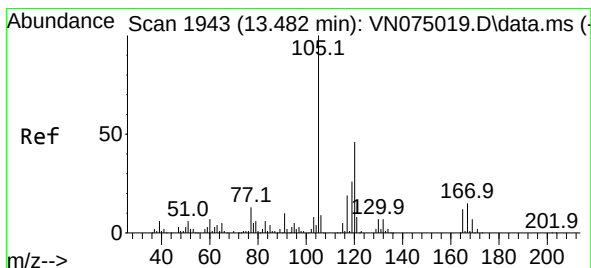
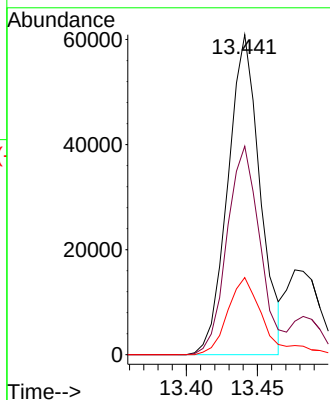
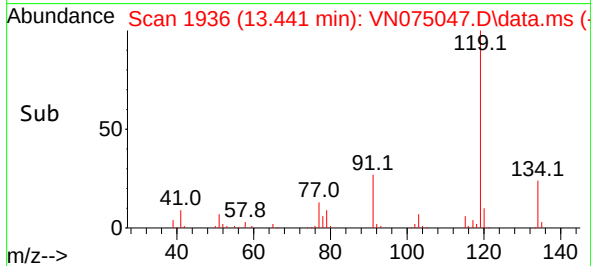
Instrument :
MSVOA_N
ClientSampleId :
VN1027MBS01



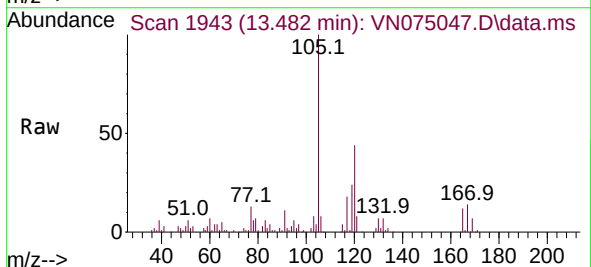
Tgt Ion:119 Resp: 96244
Ion Ratio Lower Upper
119 100
91 67.5 32.8 98.4
134 26.9 12.3 36.9

Manual Integrations
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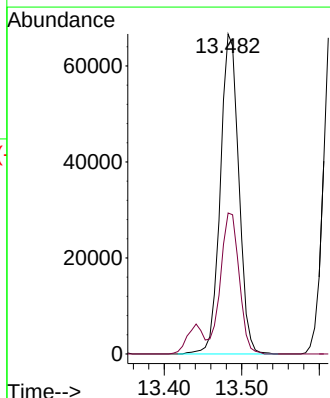
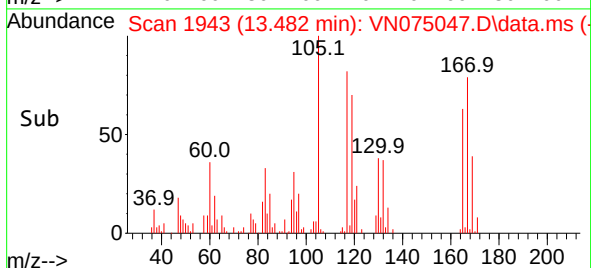
Reviewed By :John Carlone 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022

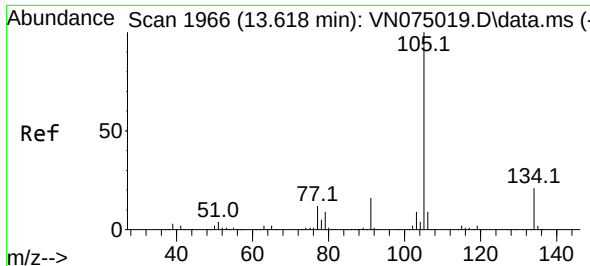


#84
1,2,4-Trimethylbenzene
Concen: 20.196 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075047.D
Acq: 27 Oct 2022 17:43



Tgt Ion:105 Resp: 110256
Ion Ratio Lower Upper
105 100
120 44.9 22.7 68.1





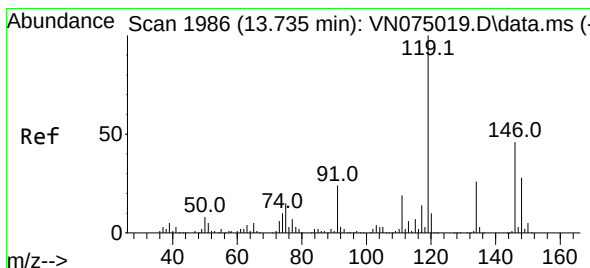
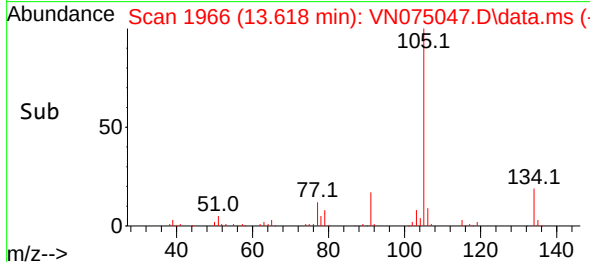
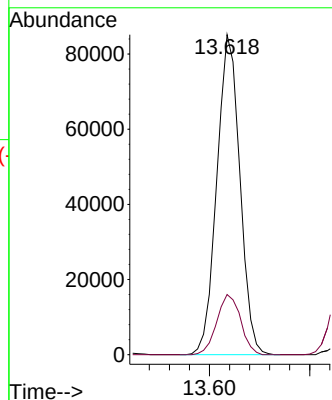
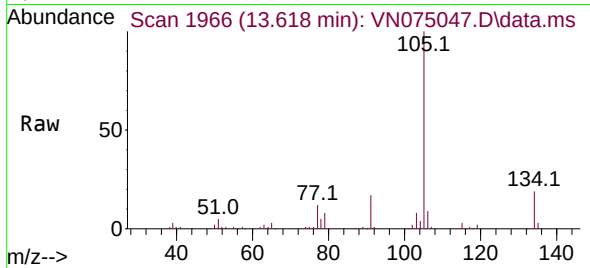
#85
 sec-Butylbenzene
 Concen: 20.184 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN075047.D
 Acq: 27 Oct 2022 17:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1027MBS01

Tgt Ion:105 Resp: 135379
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.2 30.6

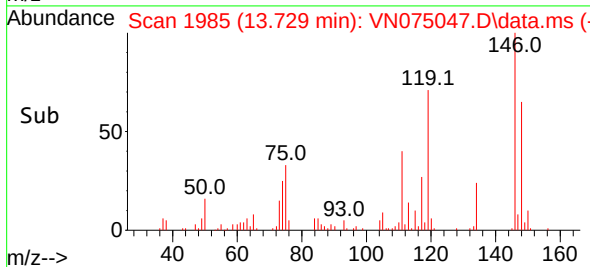
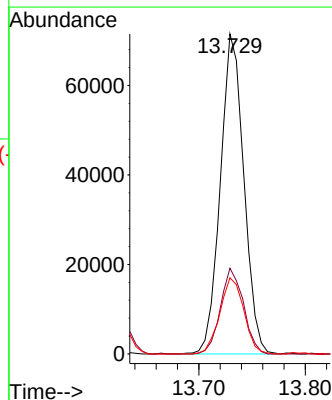
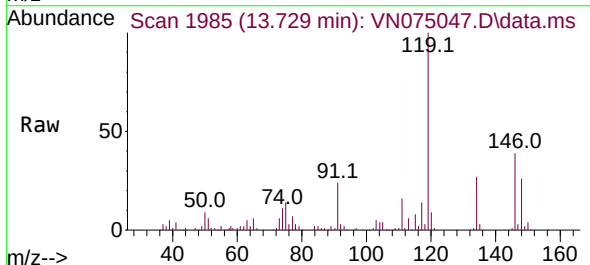
Manual Integrations
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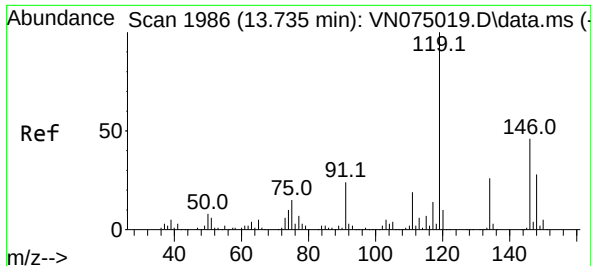
Reviewed By :John Carlone 10/28/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#86
 p-Isopropyltoluene
 Concen: 19.769 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.006 min
 Lab File: VN075047.D
 Acq: 27 Oct 2022 17:43

Tgt Ion:119 Resp: 109506
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.1 39.3
 91 24.3 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 19.379 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN075047.D

Acq: 27 Oct 2022 17:43

Instrument :

MSVOA_N

ClientSampleId :

VN1027MBS01

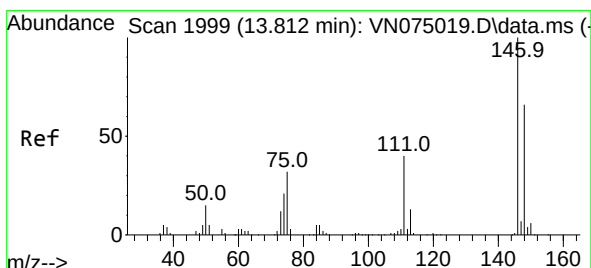
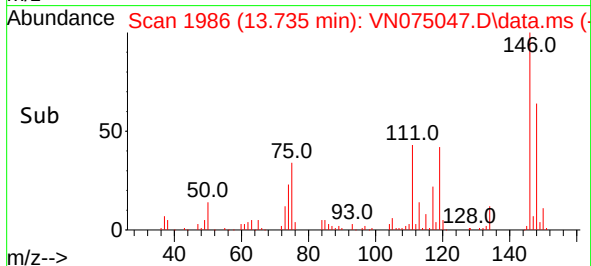
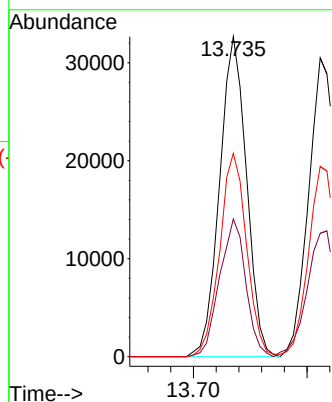
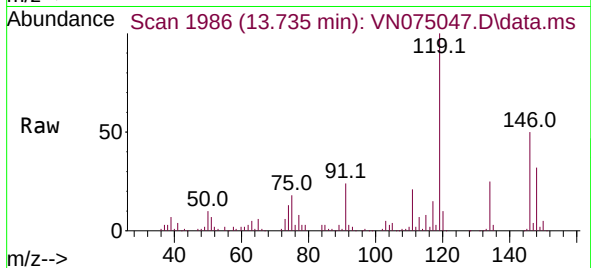
Tgt Ion:146 Resp: 53672
 Ion Ratio Lower Upper
 146 100
 111 41.8 20.8 62.5
 148 63.7 31.1 93.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/28/2022

Supervised By :Mahesh Dadoda 10/31/2022



#88

1,4-Dichlorobenzene

Concen: 19.109 ug/l

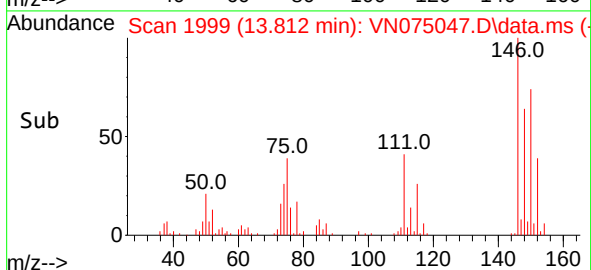
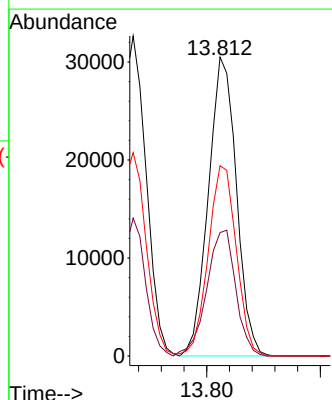
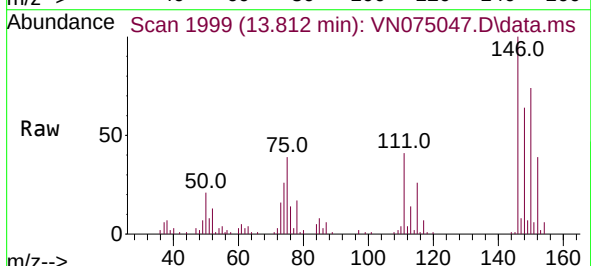
RT: 13.812 min Scan# 1999

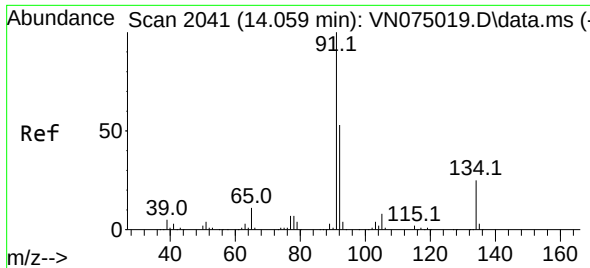
Delta R.T. -0.000 min

Lab File: VN075047.D

Acq: 27 Oct 2022 17:43

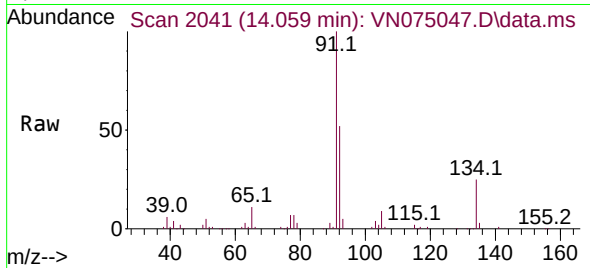
Tgt Ion:146 Resp: 52379
 Ion Ratio Lower Upper
 146 100
 111 43.5 20.1 60.3
 148 63.5 31.9 95.7





#89
n-Butylbenzene
Concen: 20.211 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075047.D
Acq: 27 Oct 2022 17:43

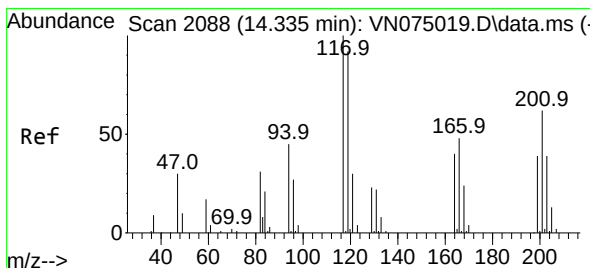
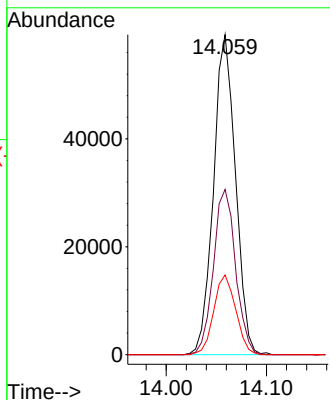
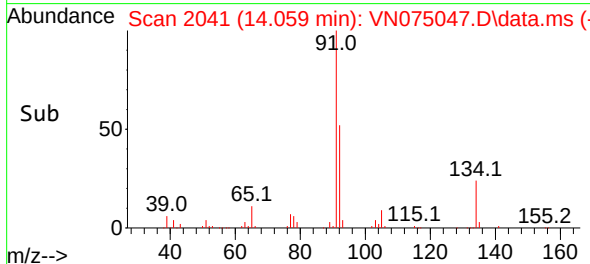
Instrument :
MSVOA_N
ClientSampleId :
VN1027MBS01



Tgt Ion: 91 Resp: 90154
Ion Ratio Lower Upper
91 100
92 52.1 26.5 79.4
134 24.9 13.0 39.0

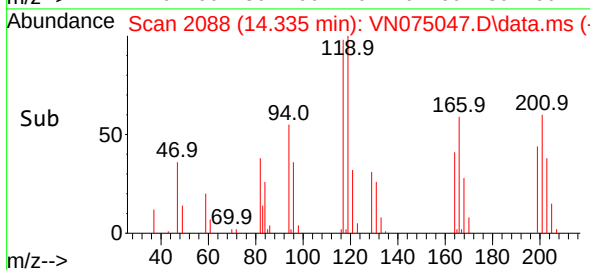
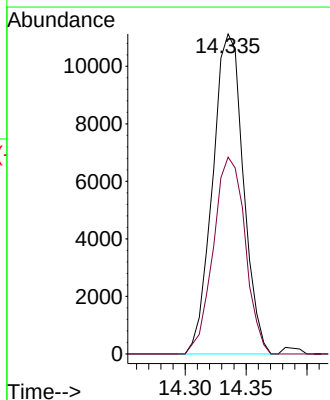
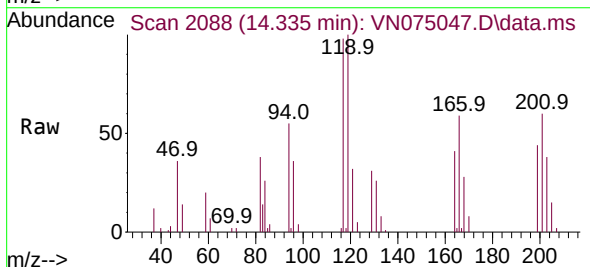
Manual Integrations
APPROVED

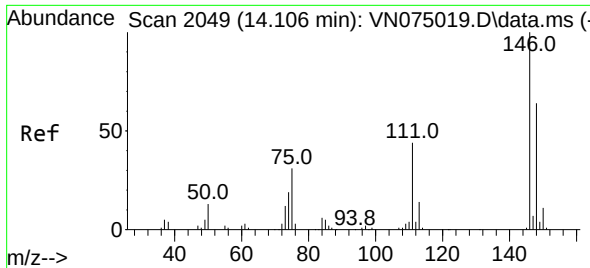
Reviewed By :John Carlone 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#90
Hexachloroethane
Concen: 19.189 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075047.D
Acq: 27 Oct 2022 17:43

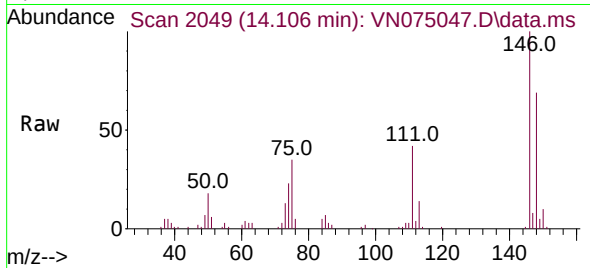
Tgt Ion:117 Resp: 19489
Ion Ratio Lower Upper
117 100
201 63.7 31.5 94.5





#91
1,2-Dichlorobenzene
Concen: 19.886 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN075047.D
Acq: 27 Oct 2022 17:43

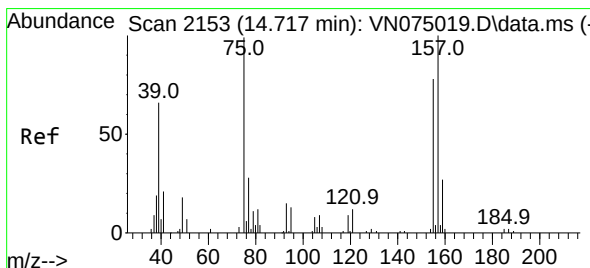
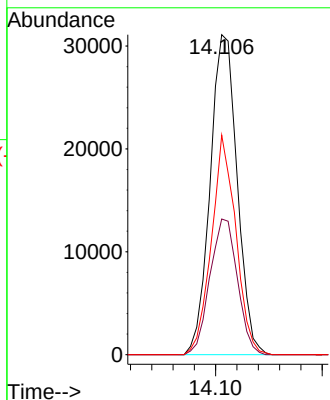
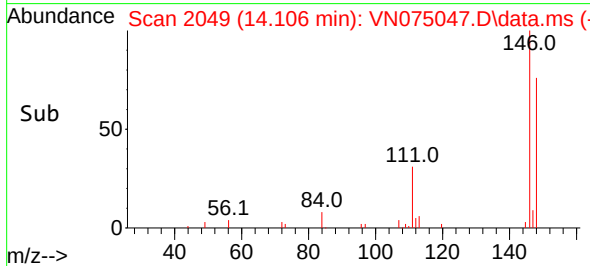
Instrument :
MSVOA_N
ClientSampleId :
VN1027MBS01



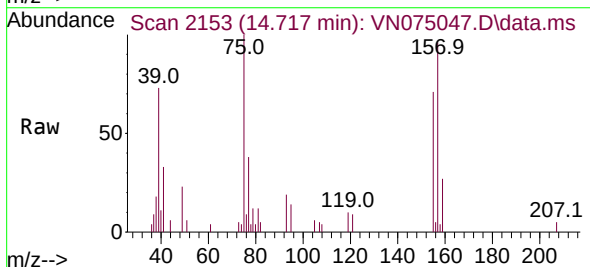
Tgt Ion:146 Resp: 5475
Ion Ratio Lower Upper
146 100
111 43.1 21.3 63.9
148 61.9 31.4 94.2

Manual Integrations
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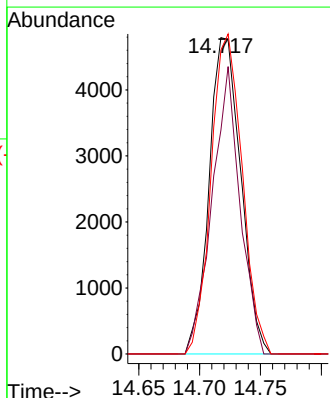
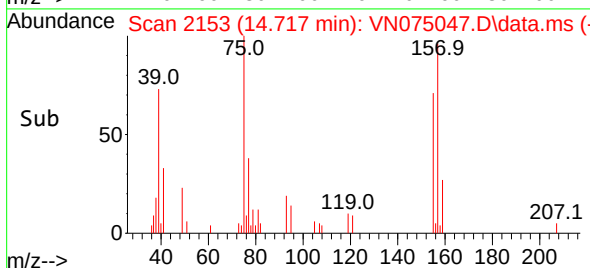
Reviewed By :John Carlone 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022

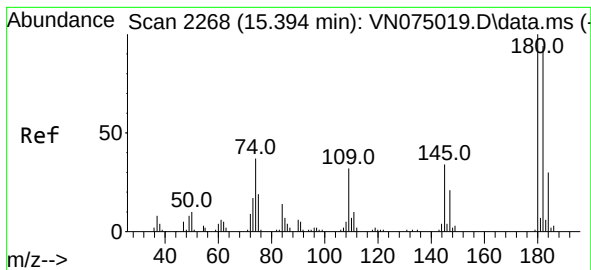


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.952 ug/l
RT: 14.717 min Scan# 2153
Delta R.T. 0.000 min
Lab File: VN075047.D
Acq: 27 Oct 2022 17:43



Tgt Ion: 75 Resp: 8646
Ion Ratio Lower Upper
75 100
155 80.2 42.1 126.3
157 99.7 51.7 155.1





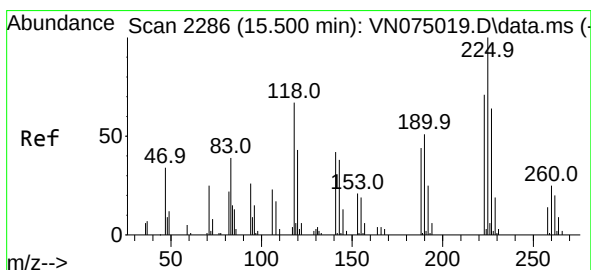
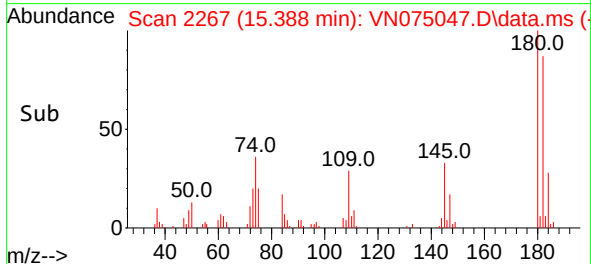
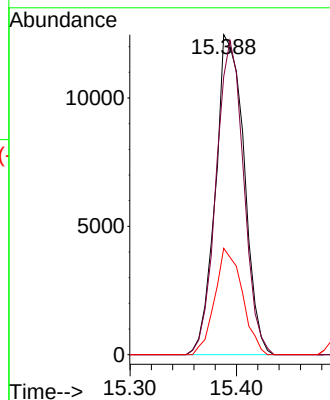
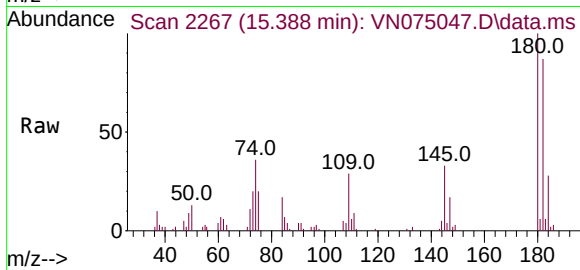
#93
1,2,4-Trichlorobenzene
Concen: 19.618 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN075047.D
Acq: 27 Oct 2022 17:43

Instrument :
MSVOA_N
ClientSampleId :
VN1027MBS01

Tgt Ion:180 Resp: 23244
Ion Ratio Lower Upper
180 100
182 94.5 47.8 143.4
145 32.0 16.8 50.3

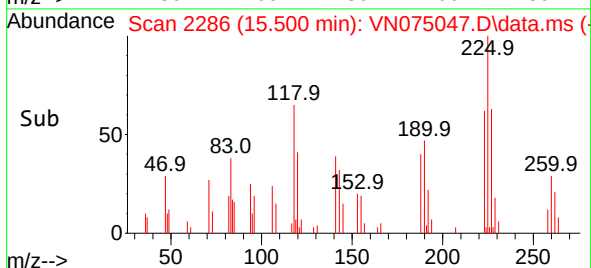
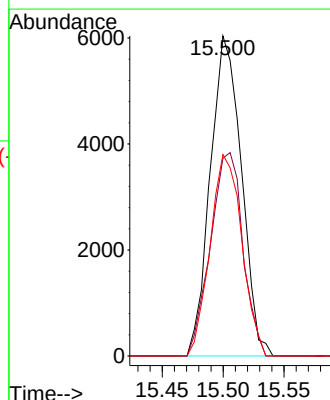
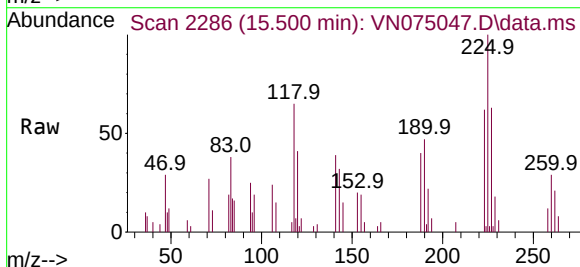
Manual Integrations
APPROVED

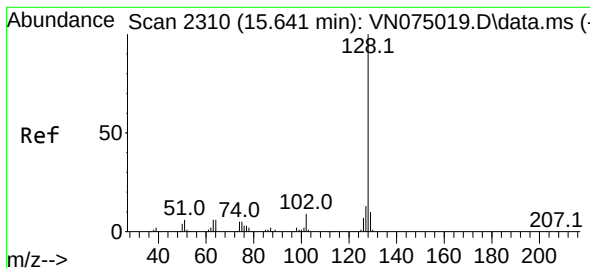
Reviewed By :John Carlone 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#94
Hexachlorobutadiene
Concen: 18.568 ug/l
RT: 15.500 min Scan# 2286
Delta R.T. -0.000 min
Lab File: VN075047.D
Acq: 27 Oct 2022 17:43

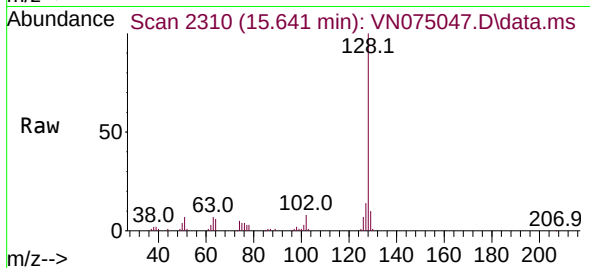
Tgt Ion:225 Resp: 10725
Ion Ratio Lower Upper
225 100
223 66.1 32.3 96.9
227 64.0 32.0 96.2





#95
Naphthalene
Concen: 19.871 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075047.D
Acq: 27 Oct 2022 17:43

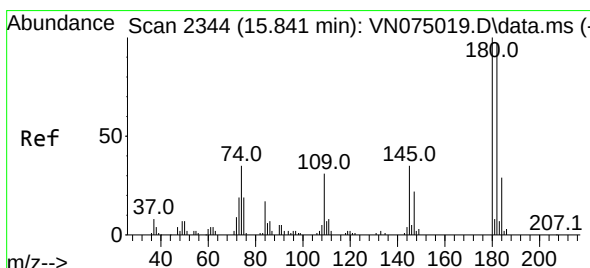
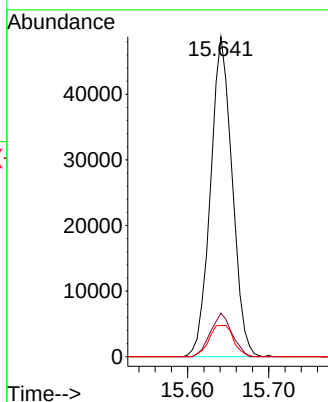
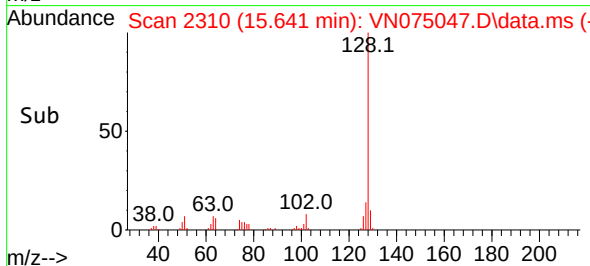
Instrument :
MSVOA_N
ClientSampleId :
VN1027MBS01



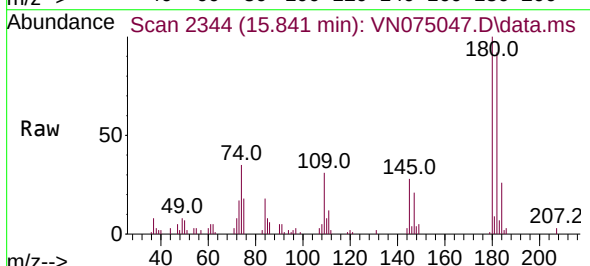
Tgt Ion:128 Resp: 90538
Ion Ratio Lower Upper
128 100
127 13.5 10.4 15.6
129 11.0 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carbone 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#96
1,2,3-Trichlorobenzene
Concen: 19.668 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN075047.D
Acq: 27 Oct 2022 17:43



Tgt Ion:180 Resp: 23154
Ion Ratio Lower Upper
180 100
182 91.7 47.3 141.8
145 34.0 17.6 52.9

