

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122724\
 Data File : VN085331.D
 Acq On : 27 Dec 2024 17:30
 Operator : JC\MD
 Sample : VN1227WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1227WBSD01

Quant Time: Dec 28 01:43:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 28 01:36:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	144320	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	258119	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	226359	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	101437	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	111665	54.248	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.500%	
35) Dibromofluoromethane	8.165	113	81846	50.827	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.660%	
50) Toluene-d8	10.565	98	306433	51.858	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.720%	
62) 4-Bromofluorobenzene	12.847	95	102680	52.322	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 104.640%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	36940	18.926	ug/l	100
3) Chloromethane	2.359	50	40431	18.430	ug/l	96
4) Vinyl Chloride	2.512	62	43248	18.641	ug/l	97
5) Bromomethane	2.959	94	27990	18.447	ug/l	97
6) Chloroethane	3.124	64	28037	19.056	ug/l	90
7) Trichlorofluoromethane	3.501	101	56663	18.580	ug/l	95
8) Diethyl Ether	3.959	74	20596	20.396	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	31898	18.381	ug/l	98
10) Methyl Iodide	4.595	142	38836	19.339	ug/l	94
11) Tert butyl alcohol	5.518	59	31625	122.694	ug/l	100
12) 1,1-Dichloroethene	4.342	96	29765	18.559	ug/l	87
13) Acrolein	4.177	56	42286	105.226	ug/l	99
14) Allyl chloride	5.018	41	48941	19.067	ug/l	96
15) Acrylonitrile	5.712	53	86613	106.764	ug/l	99
16) Acetone	4.424	43	74365	109.867	ug/l	97
17) Carbon Disulfide	4.712	76	85742	17.574	ug/l	100
18) Methyl Acetate	5.024	43	45651	22.030	ug/l	100
19) Methyl tert-butyl Ether	5.789	73	106310	20.394	ug/l	99
20) Methylene Chloride	5.271	84	34153	18.759	ug/l	92
21) trans-1,2-Dichloroethene	5.783	96	31142	18.589	ug/l	94
22) Diisopropyl ether	6.671	45	112873	20.407	ug/l	97
23) Vinyl Acetate	6.600	43	420622	105.120	ug/l	98
24) 1,1-Dichloroethane	6.565	63	63046	18.922	ug/l	99
25) 2-Butanone	7.483	43	120630	114.877	ug/l	100
26) 2,2-Dichloropropane	7.489	77	55298	18.943	ug/l	100
27) cis-1,2-Dichloroethene	7.489	96	38491	19.575	ug/l	97
28) Bromochloromethane	7.812	49	31497	20.342	ug/l #	99
29) Tetrahydrofuran	7.836	42	77549	114.648	ug/l	98
30) Chloroform	7.965	83	65160	19.116	ug/l	97
31) Cyclohexane	8.253	56	53985	17.744	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	55283	18.160	ug/l	99
36) 1,1-Dichloropropene	8.371	75	44914	19.050	ug/l	98
37) Ethyl Acetate	7.559	43	51502	21.977	ug/l	99
38) Carbon Tetrachloride	8.359	117	49612	19.305	ug/l	98
39) Methylcyclohexane	9.600	83	46006	18.807	ug/l	98
40) Benzene	8.600	78	139012	19.501	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	25169	20.971	ug/l	98
42) 1,2-Dichloroethane	8.671	62	50307	19.684	ug/l	99
43) Isopropyl Acetate	8.688	43	81902	21.225	ug/l	99
44) Trichloroethene	9.347	130	31187	18.479	ug/l	89
45) 1,2-Dichloropropane	9.618	63	36004	19.896	ug/l	95
46) Dibromomethane	9.712	93	24716	19.639	ug/l	99
47) Bromodichloromethane	9.888	83	52551	20.090	ug/l #	96
48) Methyl methacrylate	9.677	41	36782	21.968	ug/l	98
49) 1,4-Dioxane	9.694	88	13671	541.163	ug/l	99
51) 4-Methyl-2-Pentanone	10.441	43	248614	114.650	ug/l	100
52) Toluene	10.624	92	85029	20.033	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	51708	20.101	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	55748	20.042	ug/l	97
55) 1,1,2-Trichloroethane	11.012	97	32750	20.437	ug/l	96
56) Ethyl methacrylate	10.871	69	50141	21.484	ug/l	97
57) 1,3-Dichloropropane	11.159	76	57554	20.463	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	131176	116.170	ug/l	99
59) 2-Hexanone	11.194	43	176533	117.338	ug/l	100
60) Dibromochloromethane	11.359	129	36970	20.483	ug/l	99
61) 1,2-Dibromoethane	11.471	107	32084	20.237	ug/l	98
64) Tetrachloroethene	11.100	164	27124	18.911	ug/l	96
65) Chlorobenzene	11.888	112	91123	18.629	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	31726	19.325	ug/l	98
67) Ethyl Benzene	11.959	91	156061	19.184	ug/l	98
68) m/p-Xylenes	12.071	106	119809	40.244	ug/l	100
69) o-Xylene	12.394	106	56516	19.624	ug/l	98
70) Styrene	12.406	104	92662	19.853	ug/l	99
71) Bromoform	12.576	173	23369	20.552	ug/l #	99
73) Isopropylbenzene	12.694	105	142191	19.493	ug/l	100
74) N-amyl acetate	12.494	43	66923	21.434	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	47785	20.569	ug/l	98
76) 1,2,3-Trichloropropane	12.988	75	61185	32.301	ug/l	53
77) Bromobenzene	12.976	156	34066	18.850	ug/l	99
78) n-propylbenzene	13.035	91	168593	19.828	ug/l	100
79) 2-Chlorotoluene	13.123	91	104075	19.449	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	117966	19.994	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	15606	19.730	ug/l	87
82) 4-Chlorotoluene	13.218	91	105071	19.496	ug/l	99
83) tert-Butylbenzene	13.435	119	97764	19.128	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	117310	19.968	ug/l	98
85) sec-Butylbenzene	13.612	105	138962	19.588	ug/l	100
86) p-Isopropyltoluene	13.729	119	113227	18.647	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	61805	18.865	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	62145	18.466	ug/l	99
89) n-Butylbenzene	14.053	91	97095	18.690	ug/l	99
90) Hexachloroethane	14.329	117	22343	19.213	ug/l	98
91) 1,2-Dichlorobenzene	14.100	146	59449	19.049	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	9218	22.294	ug/l	93
93) 1,2,4-Trichlorobenzene	15.394	180	28607	18.366	ug/l	98
94) Hexachlorobutadiene	15.500	225	13450	17.379	ug/l	99
95) Naphthalene	15.641	128	92054	17.429	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	27454	17.641	ug/l	99

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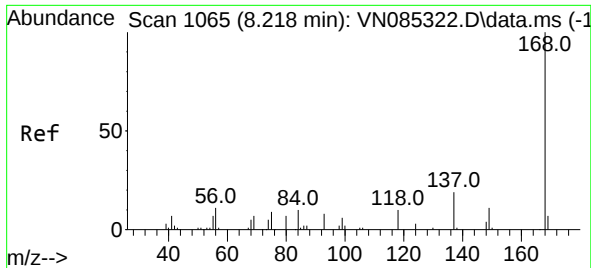
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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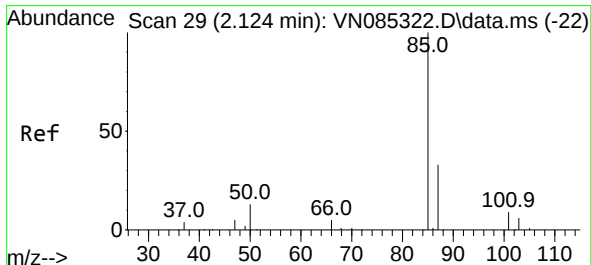
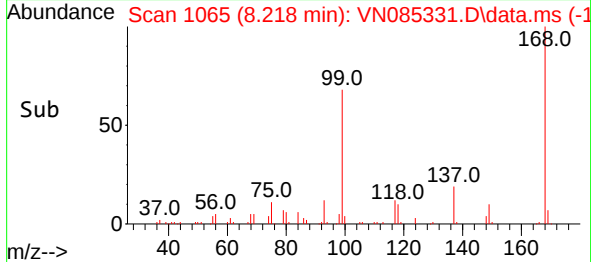
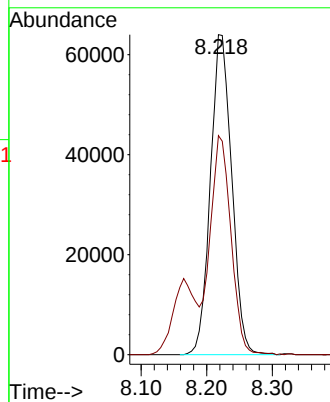
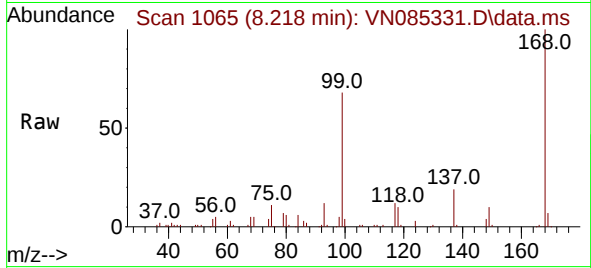




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085331.D
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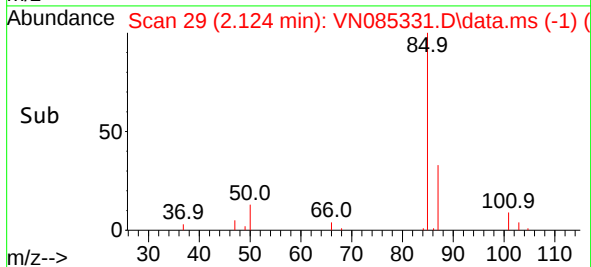
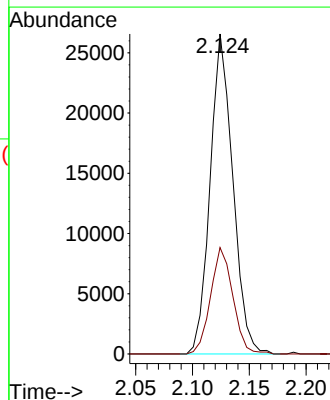
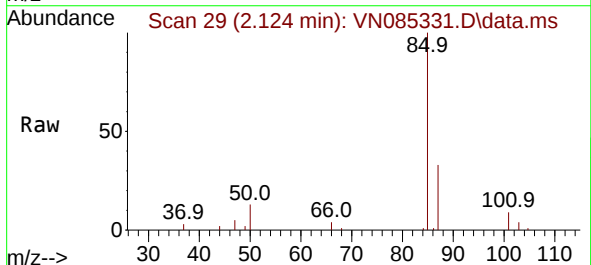
Instrument :
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VN1227WBSD01

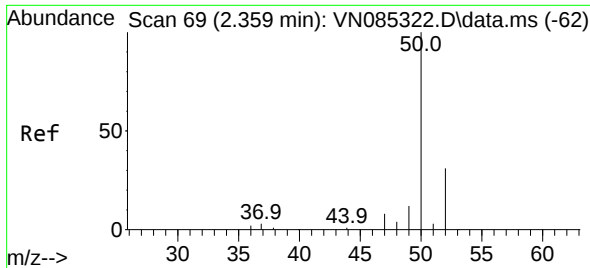
Tgt Ion:168 Resp: 144320
Ion Ratio Lower Upper
168 100
99 68.2 51.0 76.4



#2
Dichlorodifluoromethane
Concen: 18.926 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

Tgt Ion: 85 Resp: 36940
Ion Ratio Lower Upper
85 100
87 33.3 16.8 50.3

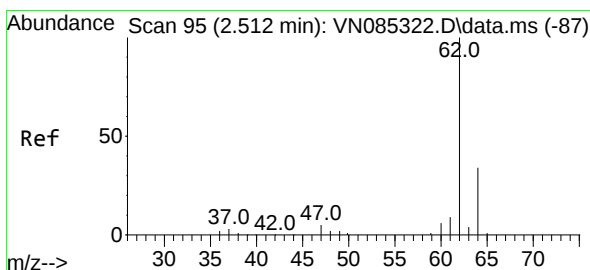
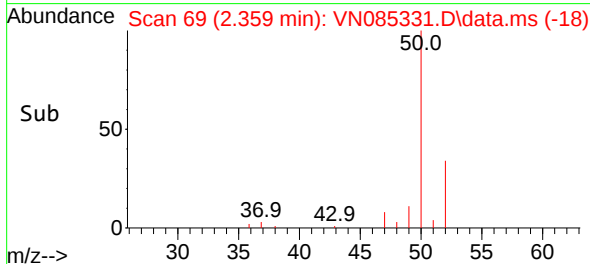
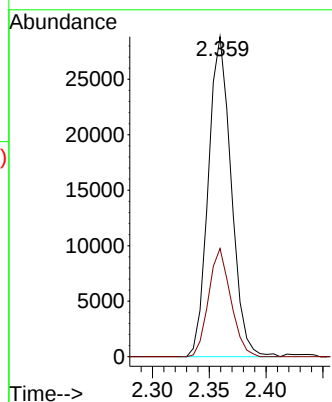
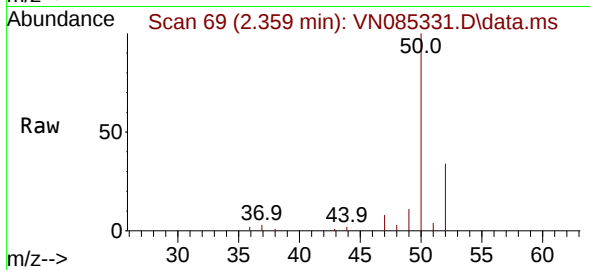




#3
 Chloromethane
 Concen: 18.430 ug/l
 RT: 2.359 min Scan# 69
 Delta R.T. 0.000 min
 Lab File: VN085331.D
 Acq: 27 Dec 2024 17:30

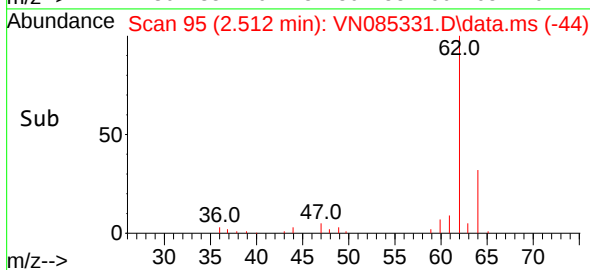
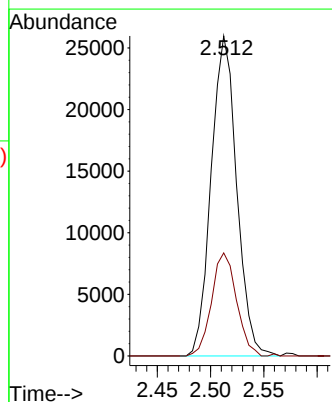
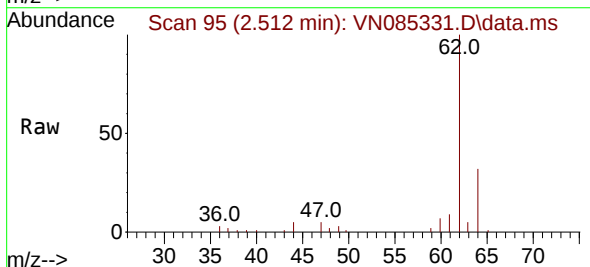
Instrument :
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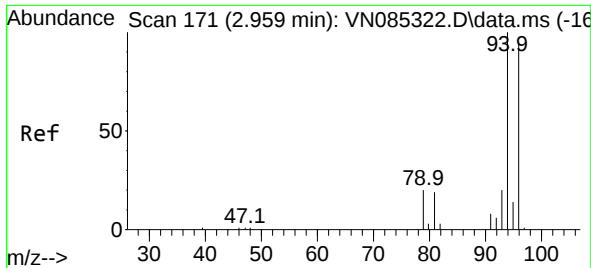
Tgt Ion: 50 Resp: 40431
 Ion Ratio Lower Upper
 50 100
 52 33.8 25.1 37.7



#4
 Vinyl Chloride
 Concen: 18.641 ug/l
 RT: 2.512 min Scan# 95
 Delta R.T. 0.000 min
 Lab File: VN085331.D
 Acq: 27 Dec 2024 17:30

Tgt Ion: 62 Resp: 43248
 Ion Ratio Lower Upper
 62 100
 64 32.2 27.0 40.6

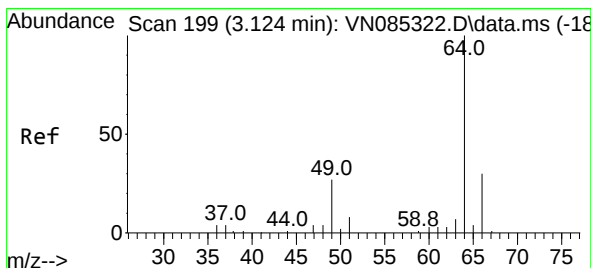
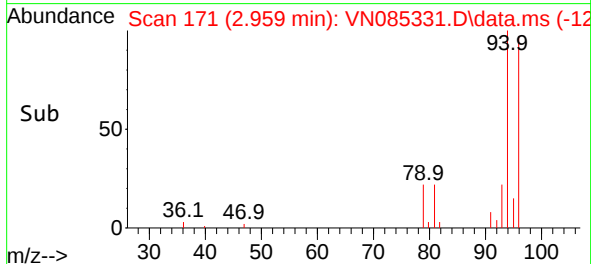
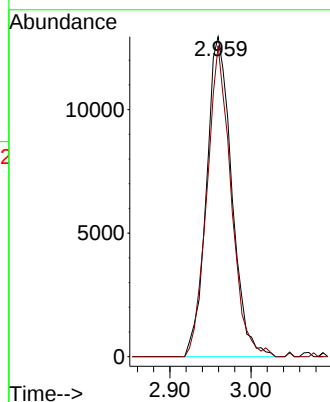
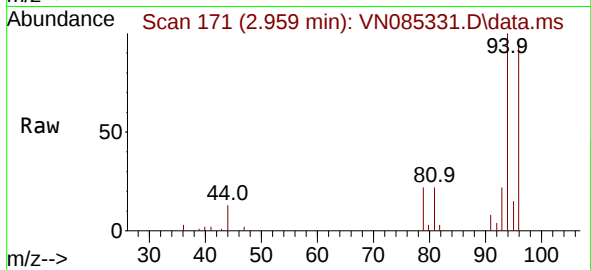




#5
Bromomethane
Concen: 18.447 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

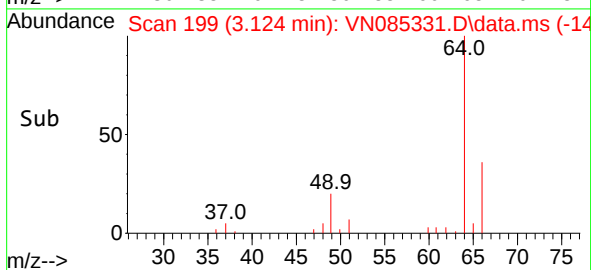
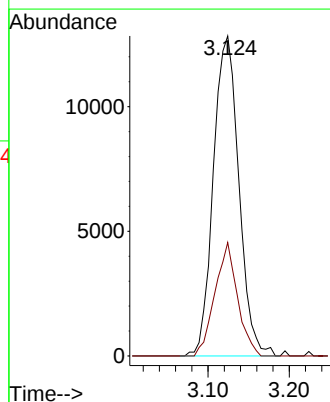
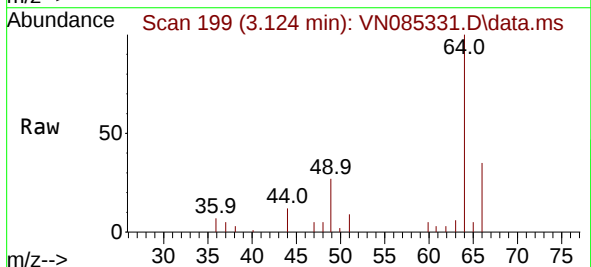
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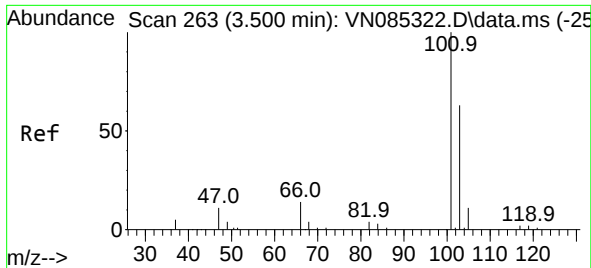
Tgt Ion: 94 Resp: 27990
Ion Ratio Lower Upper
94 100
96 97.2 75.2 112.8



#6
Chloroethane
Concen: 19.056 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

Tgt Ion: 64 Resp: 28037
Ion Ratio Lower Upper
64 100
66 35.4 24.1 36.1

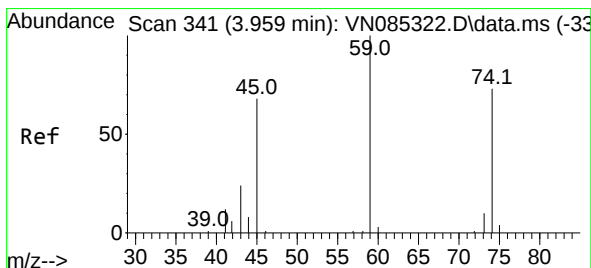
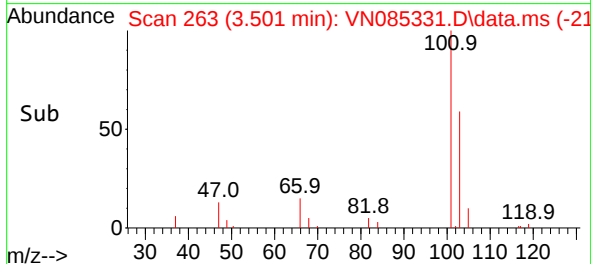
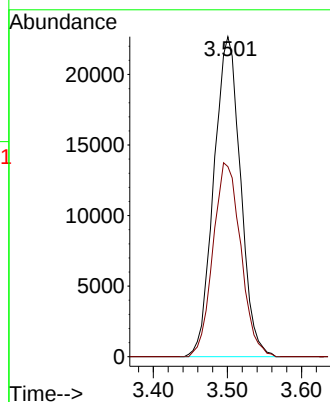
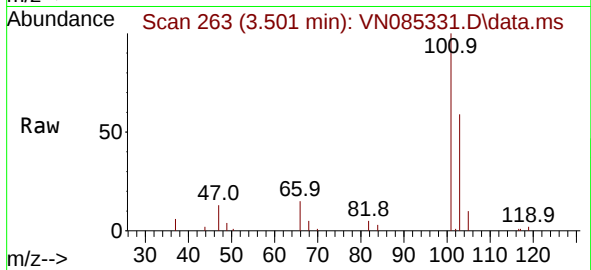




#7
Trichlorofluoromethane
Concen: 18.580 ug/l
RT: 3.501 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

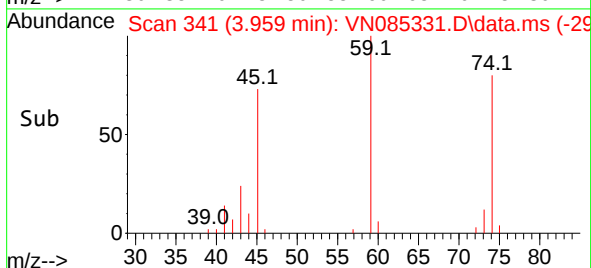
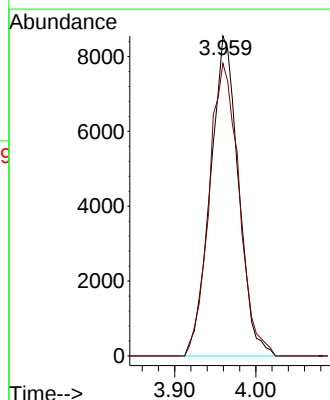
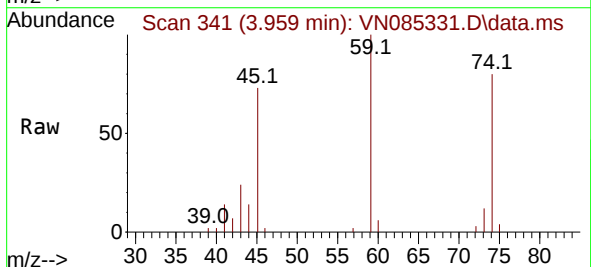
Instrument :
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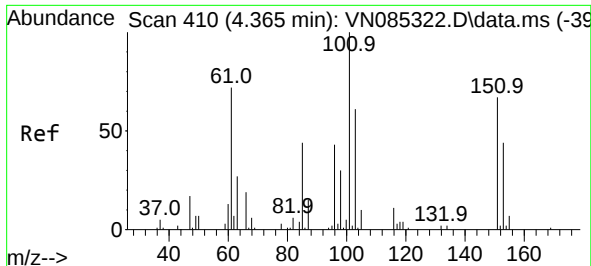
Tgt Ion:101 Resp: 56663
Ion Ratio Lower Upper
101 100
103 59.4 50.3 75.5



#8
Diethyl Ether
Concen: 20.396 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

Tgt Ion: 74 Resp: 20596
Ion Ratio Lower Upper
74 100
45 97.5 47.5 142.6

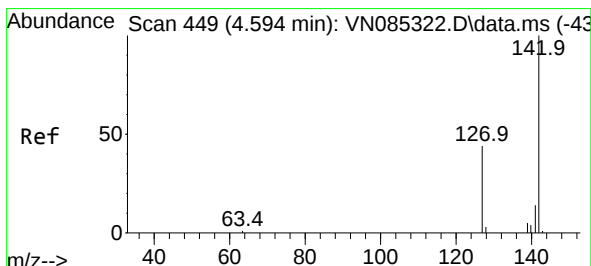
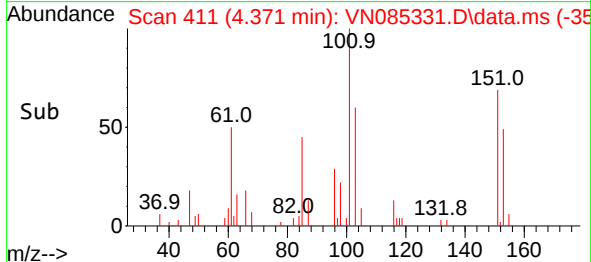
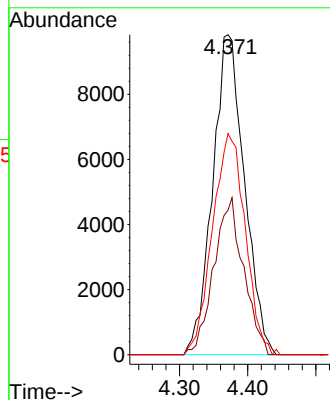
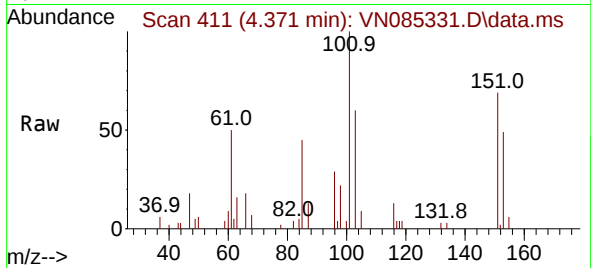




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.381 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN085331.D
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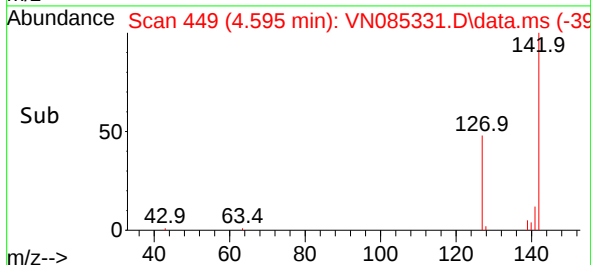
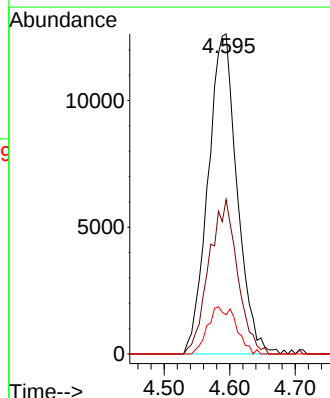
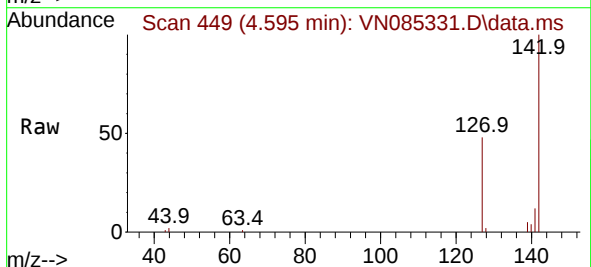
Instrument :
MSVOA_N
ClientSampleId :
VN1227WBSD01

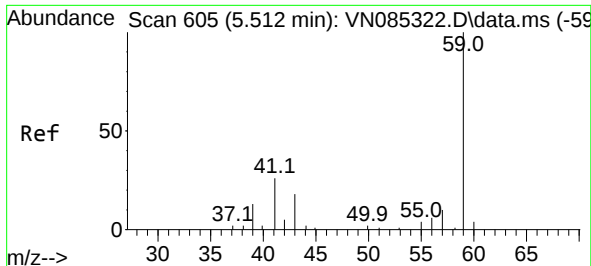
Tgt Ion:101 Resp: 31898
Ion Ratio Lower Upper
101 100
85 46.0 36.2 54.4
151 71.3 55.8 83.6



#10
Methyl Iodide
Concen: 19.339 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.000 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

Tgt Ion:142 Resp: 38836
Ion Ratio Lower Upper
142 100
127 48.3 35.3 52.9
141 12.2 11.5 17.3

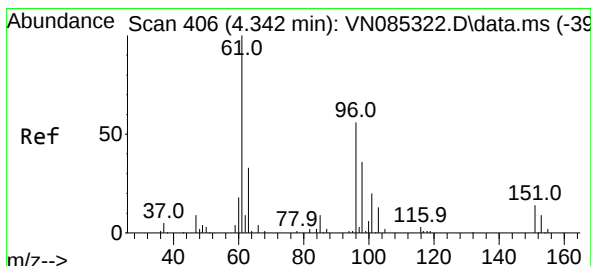
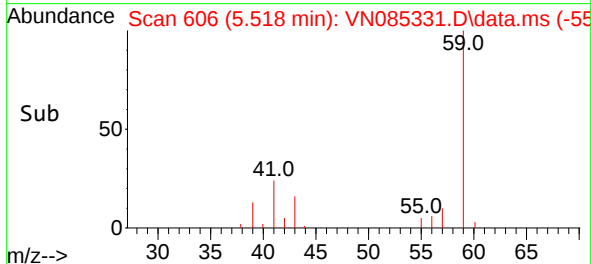
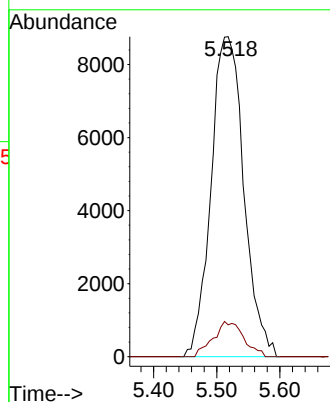
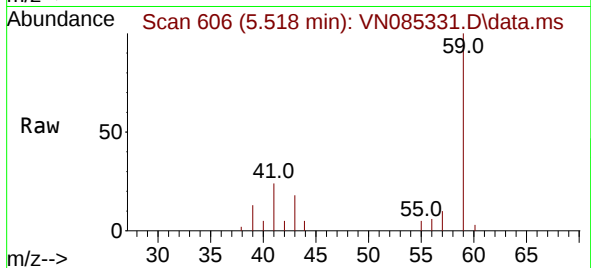




#11
Tert butyl alcohol
Concen: 122.694 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

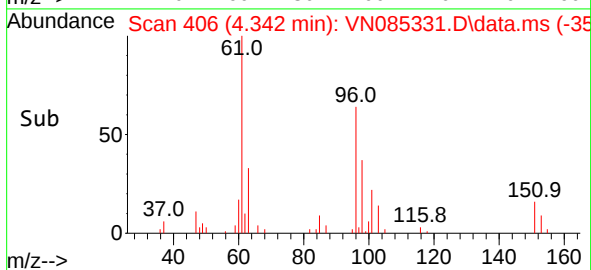
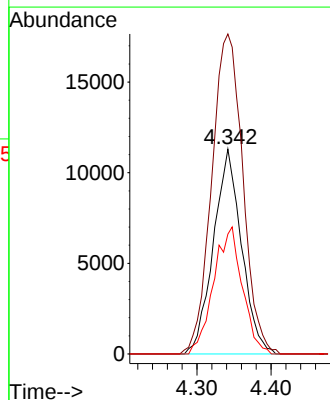
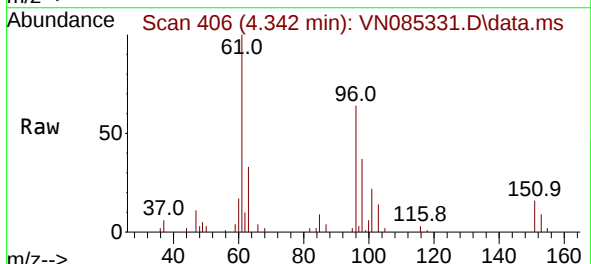
Instrument :
MSVOA_N
ClientSampleId :
VN1227WBSD01

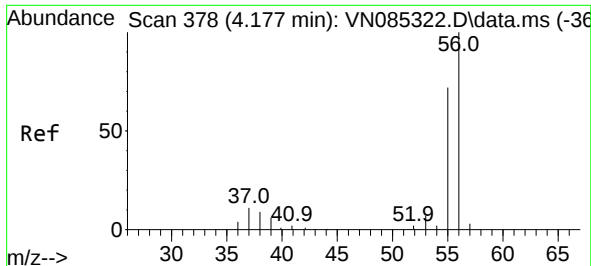
Tgt Ion: 59 Resp: 31625
Ion Ratio Lower Upper
59 100
57 10.2 8.1 12.1



#12
1,1-Dichloroethene
Concen: 18.559 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

Tgt Ion: 96 Resp: 29765
Ion Ratio Lower Upper
96 100
61 156.3 142.4 213.6
98 58.5 51.5 77.3





#13

Acrolein

Concen: 105.226 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN085331.D

Acq: 27 Dec 2024 17:30

Instrument :

MSVOA_N

ClientSampleId :

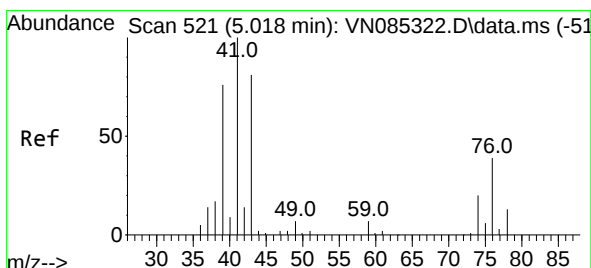
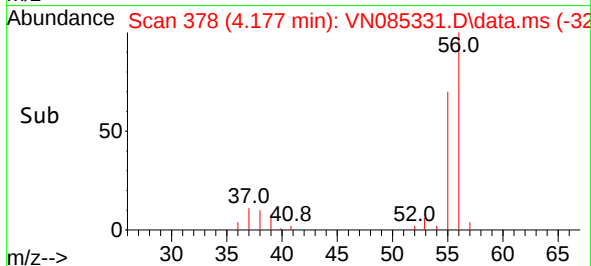
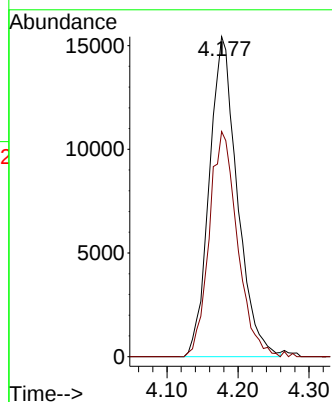
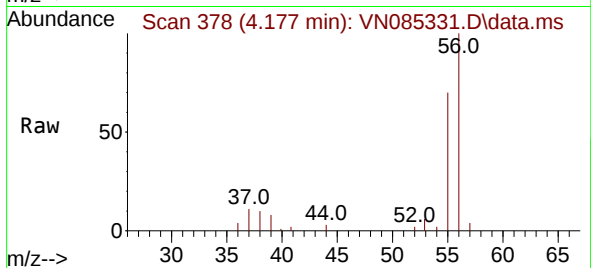
VN1227WBSD01

Tgt Ion: 56 Resp: 42286

Ion Ratio Lower Upper

56 100

55 70.7 57.5 86.3



#14

Allyl chloride

Concen: 19.067 ug/l

RT: 5.018 min Scan# 521

Delta R.T. 0.000 min

Lab File: VN085331.D

Acq: 27 Dec 2024 17:30

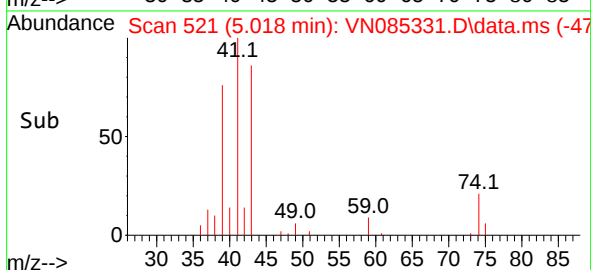
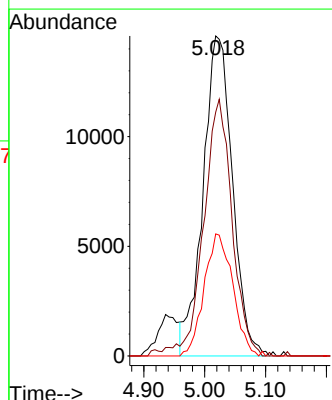
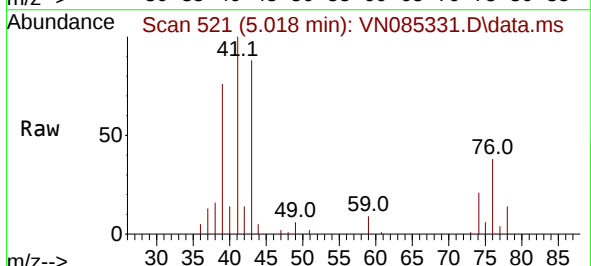
Tgt Ion: 41 Resp: 48941

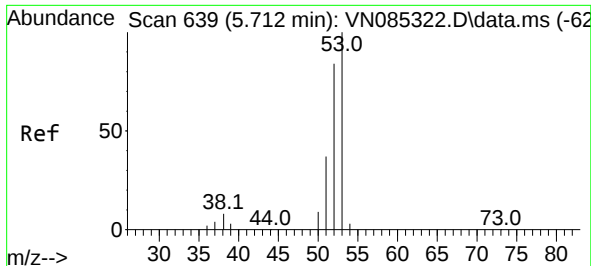
Ion Ratio Lower Upper

41 100

39 77.4 64.4 96.6

76 37.0 31.5 47.3

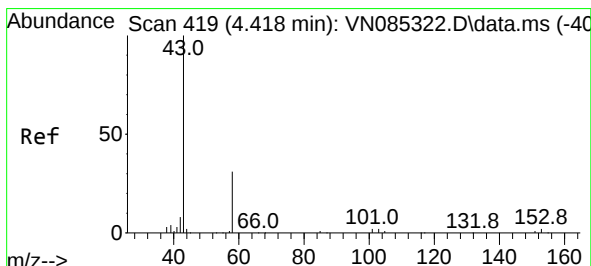
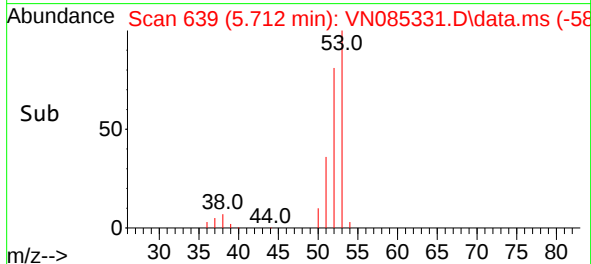
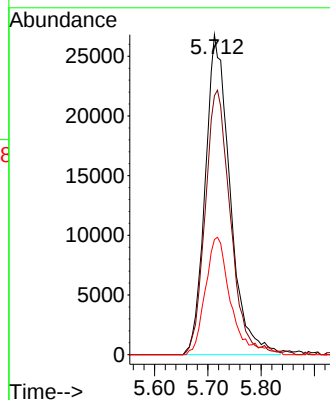
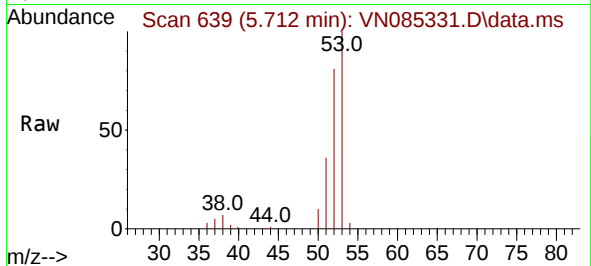




#15
Acrylonitrile
Concen: 106.764 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

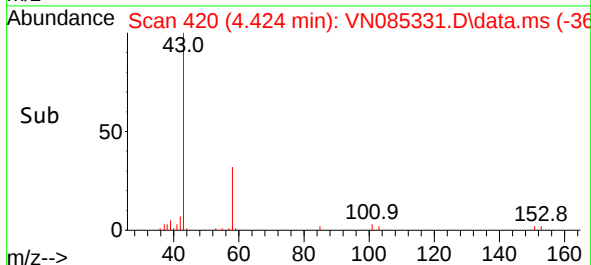
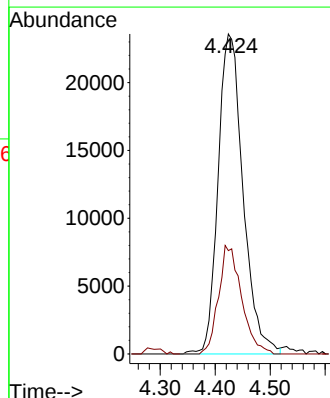
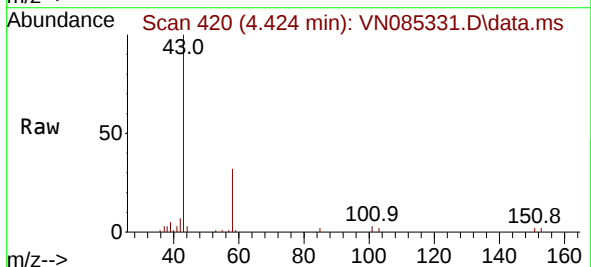
Instrument :
MSVOA_N
ClientSampleId :
VN1227WBSD01

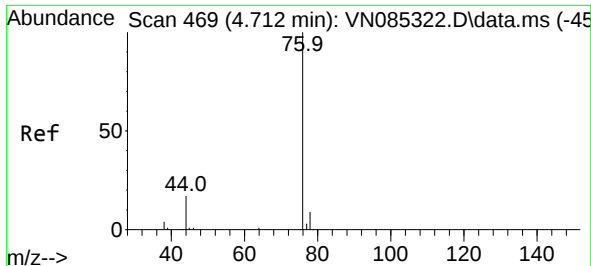
Tgt Ion: 53 Resp: 86613
Ion Ratio Lower Upper
53 100
52 84.0 66.6 100.0
51 37.6 29.6 44.4



#16
Acetone
Concen: 109.867 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

Tgt Ion: 43 Resp: 74365
Ion Ratio Lower Upper
43 100
58 32.3 24.5 36.7





#17

Carbon Disulfide

Concen: 17.574 ug/l

RT: 4.712 min Scan# 469

Delta R.T. 0.000 min

Lab File: VN085331.D

Acq: 27 Dec 2024 17:30

Instrument :

MSVOA_N

ClientSampleId :

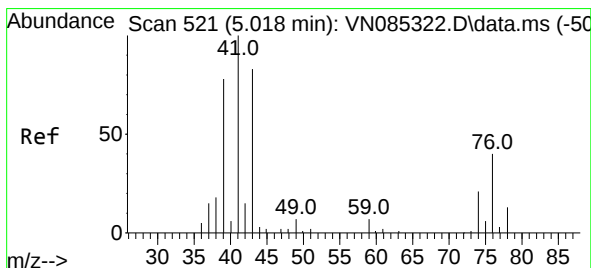
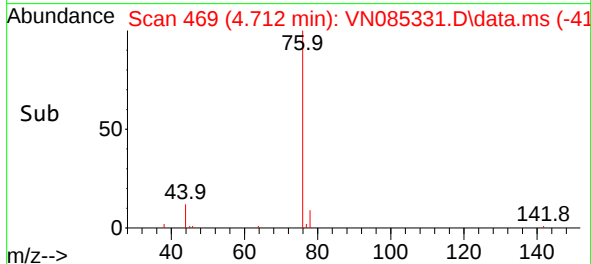
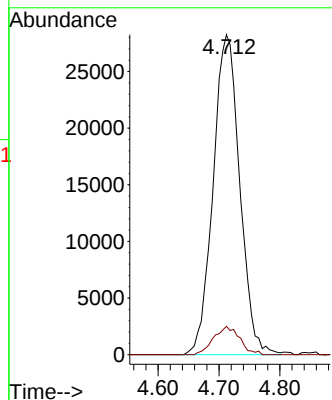
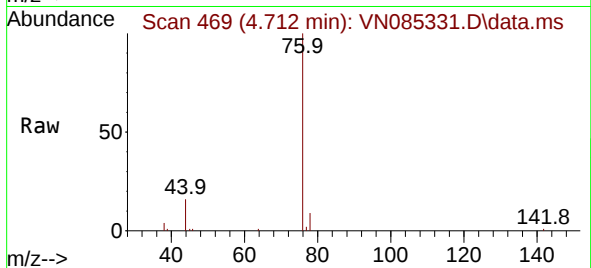
VN1227WBSD01

Tgt Ion: 76 Resp: 85742

Ion Ratio Lower Upper

76 100

78 8.8 7.2 10.8



#18

Methyl Acetate

Concen: 22.030 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN085331.D

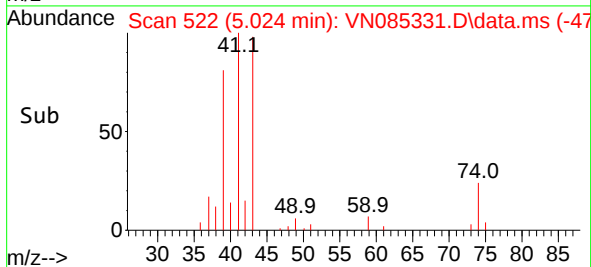
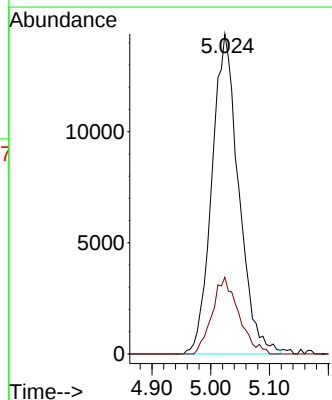
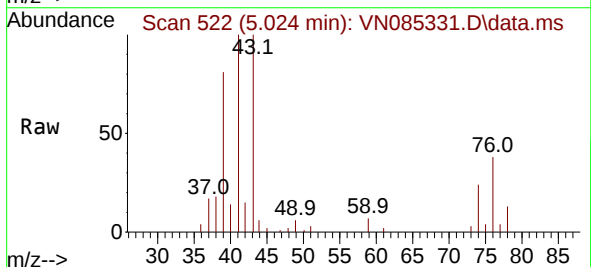
Acq: 27 Dec 2024 17:30

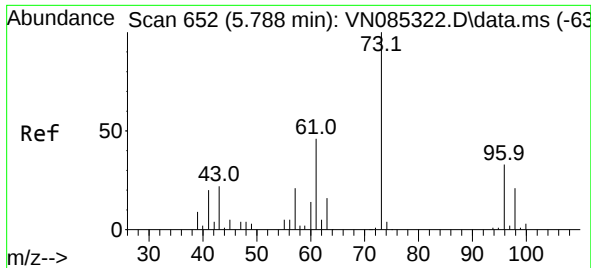
Tgt Ion: 43 Resp: 45651

Ion Ratio Lower Upper

43 100

74 23.6 19.0 28.6

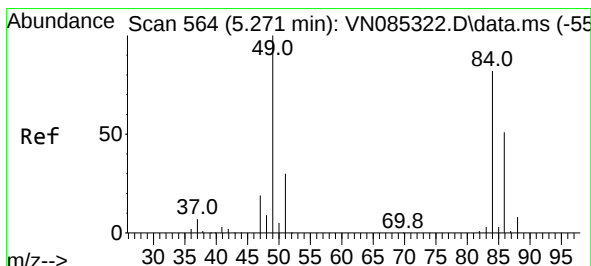
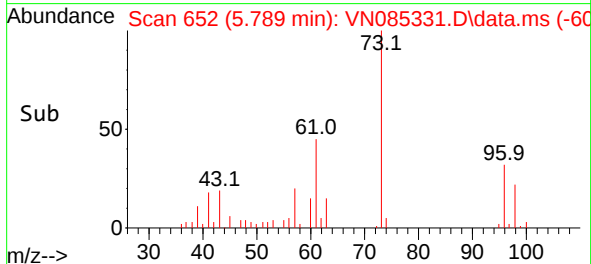
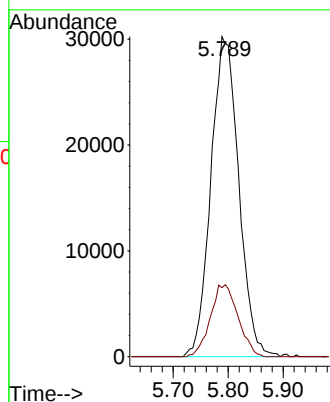
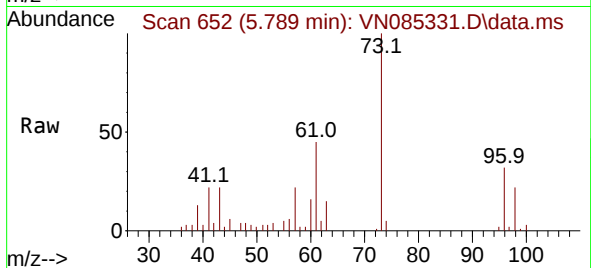




#19
Methyl tert-butyl Ether
Concen: 20.394 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

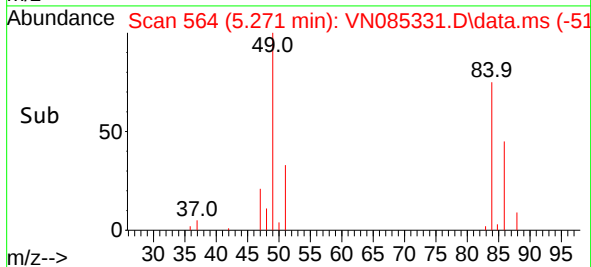
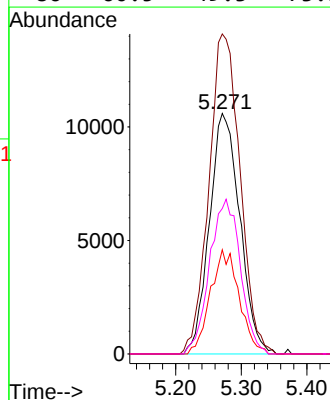
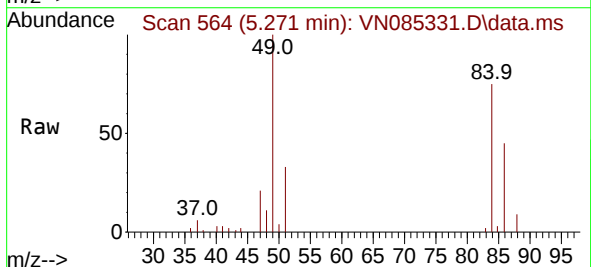
Instrument :
MSVOA_N
ClientSampleId :
VN1227WBSD01

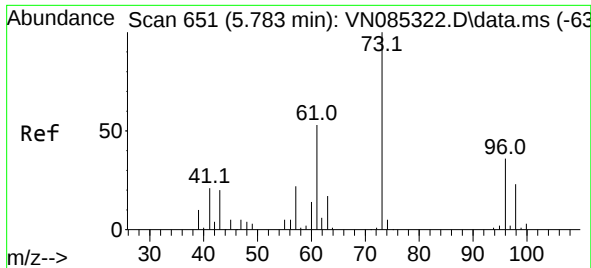
Tgt Ion: 73 Resp: 106310
Ion Ratio Lower Upper
73 100
57 21.5 17.0 25.6



#20
Methylene Chloride
Concen: 18.759 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

Tgt Ion: 84 Resp: 34153
Ion Ratio Lower Upper
84 100
49 133.0 97.6 146.4
51 43.3 29.1 43.7
86 60.5 49.3 73.9

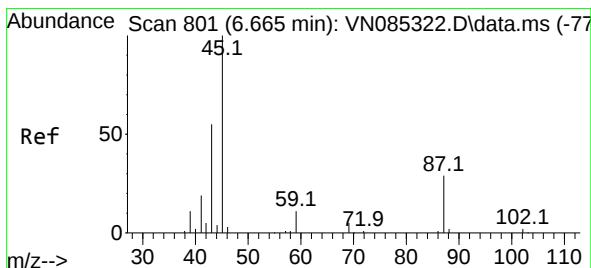
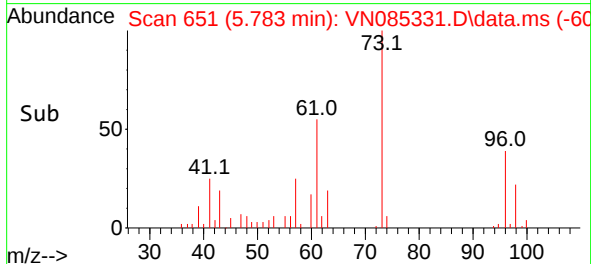
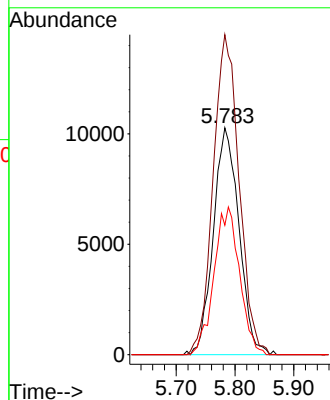
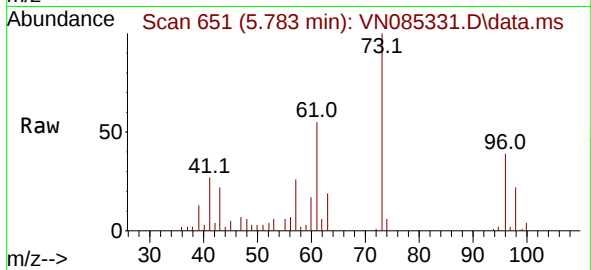




#21
trans-1,2-Dichloroethene
Concen: 18.589 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

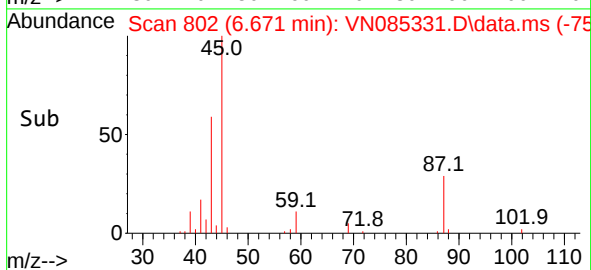
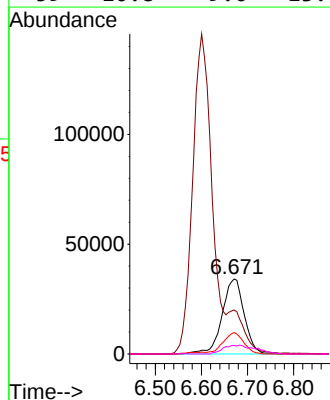
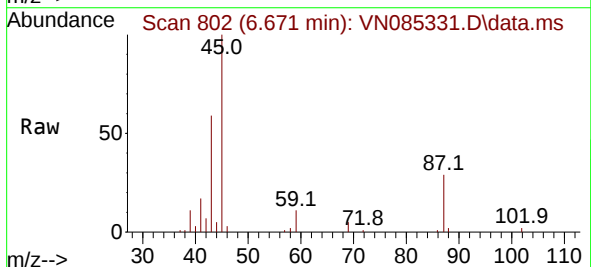
Instrument :
MSVOA_N
ClientSampleId :
VN1227WBSD01

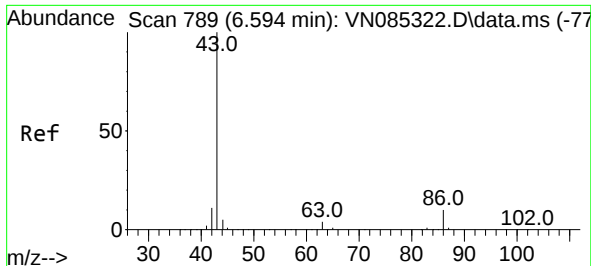
Tgt Ion: 96 Resp: 31142
Ion Ratio Lower Upper
96 100
61 141.0 118.0 177.0
98 57.1 50.6 75.8



#22
Diisopropyl ether
Concen: 20.407 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

Tgt Ion: 45 Resp: 112873
Ion Ratio Lower Upper
45 100
43 57.9 44.1 66.1
87 28.6 23.2 34.8
59 10.8 9.0 13.6

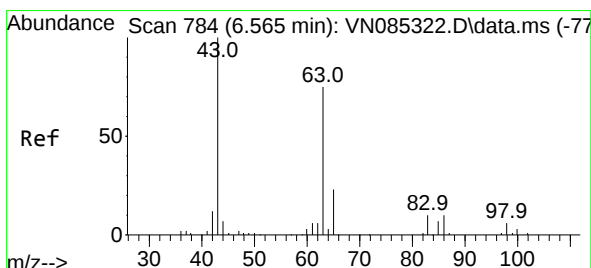
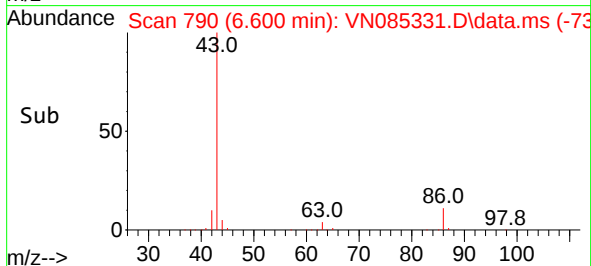
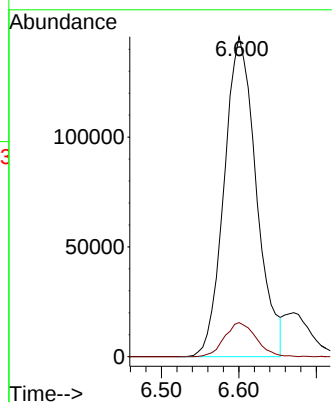
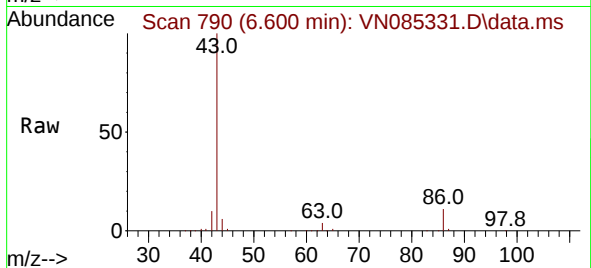




#23
 Vinyl Acetate
 Concen: 105.120 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN085331.D
 Acq: 27 Dec 2024 17:30

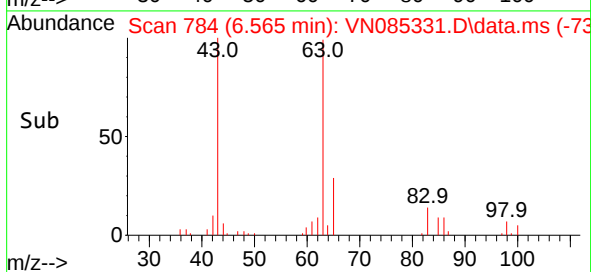
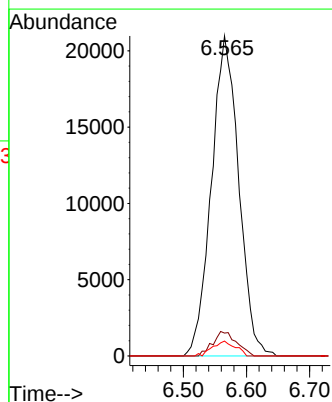
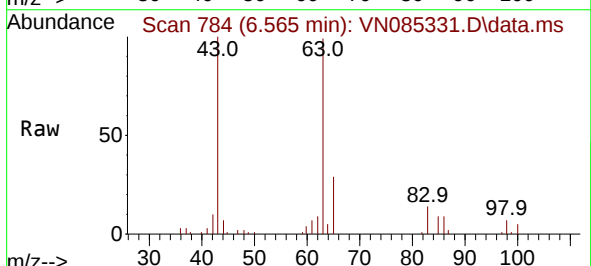
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1227WBSD01

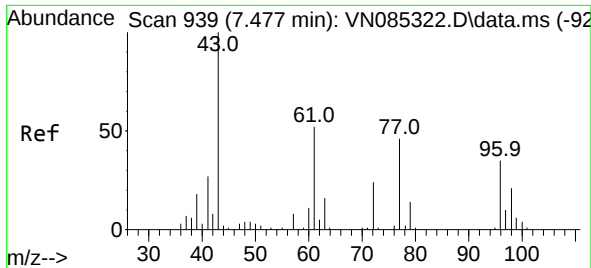
Tgt Ion: 43 Resp: 420622
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 18.922 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN085331.D
 Acq: 27 Dec 2024 17:30

Tgt Ion: 63 Resp: 63046
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.7 11.1
 100 4.6 2.3 6.8

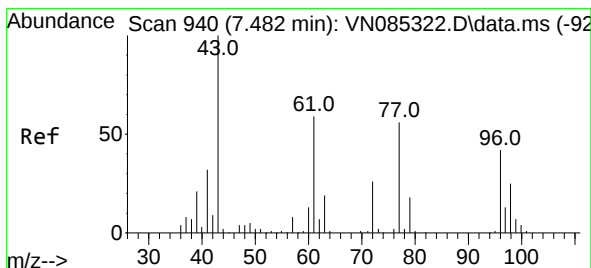
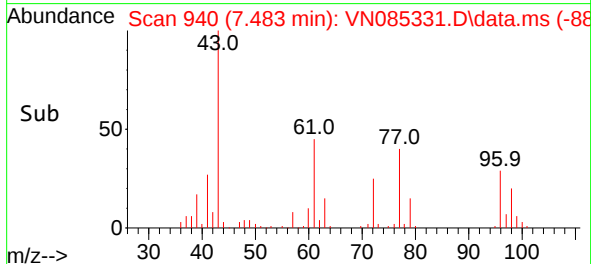
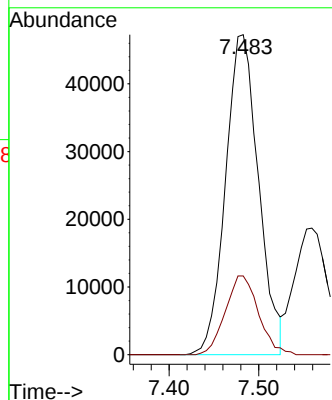
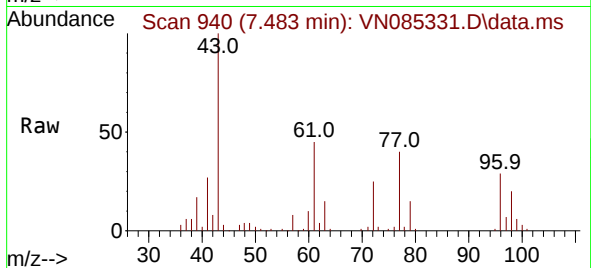




#25
2-Butanone
Concen: 114.877 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

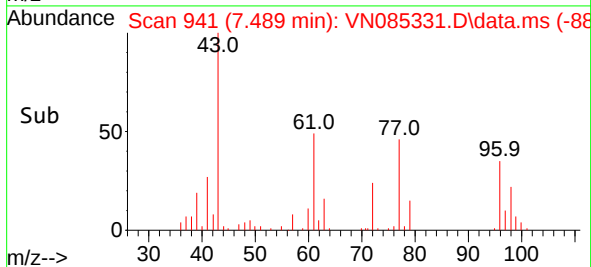
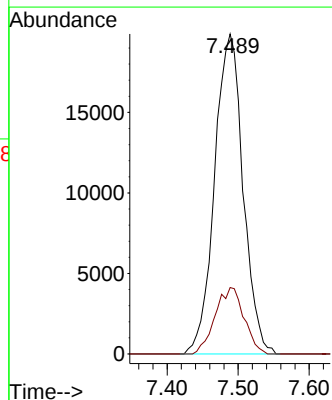
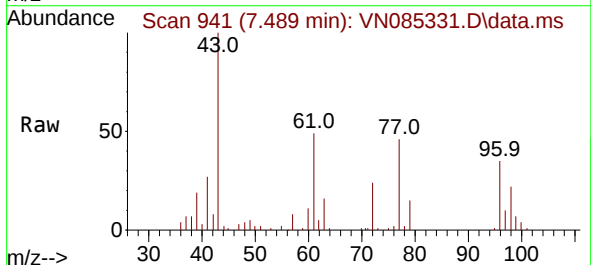
Instrument :
MSVOA_N
ClientSampleId :
VN1227WBSD01

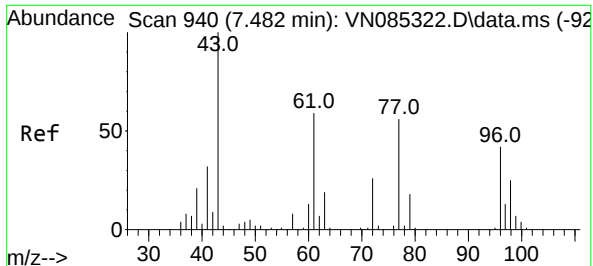
Tgt Ion: 43 Resp: 120630
Ion Ratio Lower Upper
43 100
72 24.6 19.6 29.4



#26
2,2-Dichloropropane
Concen: 18.943 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

Tgt Ion: 77 Resp: 55298
Ion Ratio Lower Upper
77 100
97 21.1 10.6 31.8

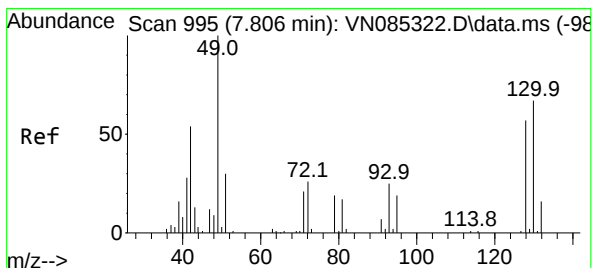
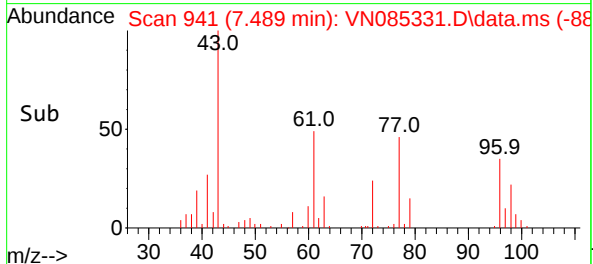
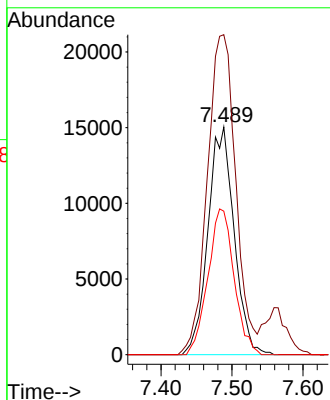
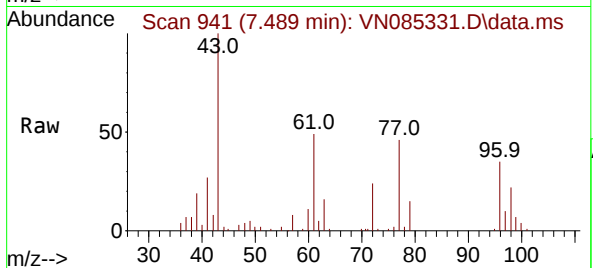




#27
cis-1,2-Dichloroethene
Concen: 19.575 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

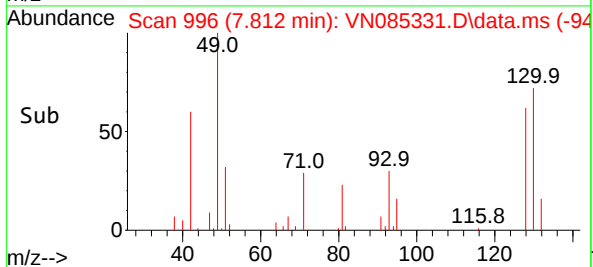
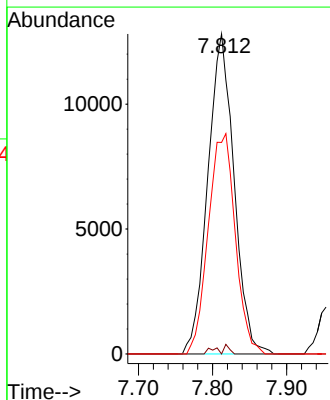
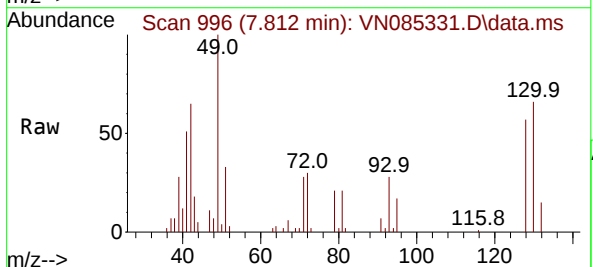
Instrument :
MSVOA_N
ClientSampleId :
VN1227WBSD01

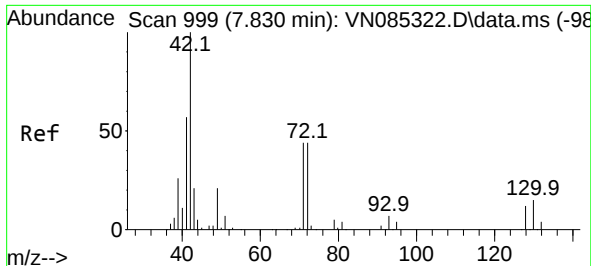
Tgt Ion: 96 Resp: 38491
Ion Ratio Lower Upper
96 100
61 152.7 0.0 296.4
98 64.0 0.0 124.2



#28
Bromochloromethane
Concen: 20.342 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.006 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

Tgt Ion: 49 Resp: 31497
Ion Ratio Lower Upper
49 100
129 0.6 0.0 2.0
130 71.0 0.0 0.0#





#29

Tetrahydrofuran

Concen: 114.648 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN085331.D

Acq: 27 Dec 2024 17:30

Instrument :

MSVOA_N

ClientSampleId :

VN1227WBSD01

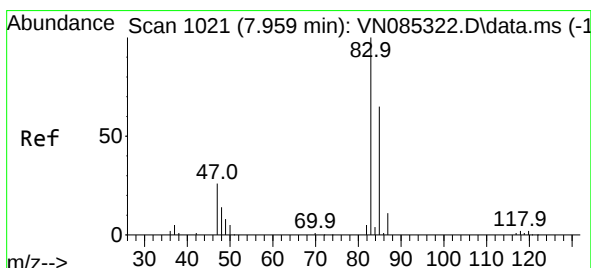
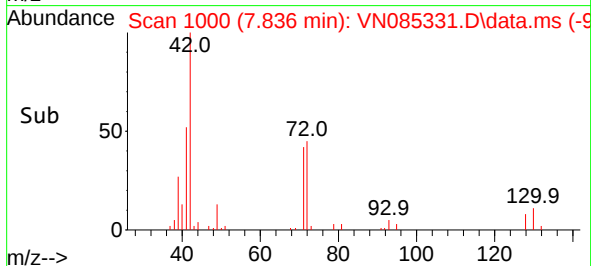
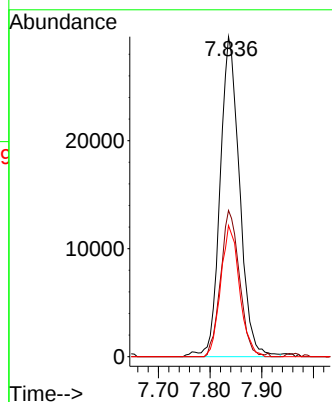
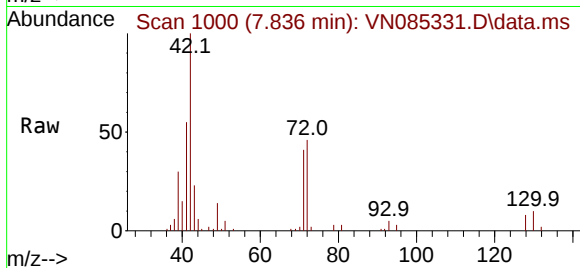
Tgt Ion: 42 Resp: 77549

Ion Ratio Lower Upper

42 100

72 44.3 35.1 52.7

71 39.6 33.4 50.0



#30

Chloroform

Concen: 19.116 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VN085331.D

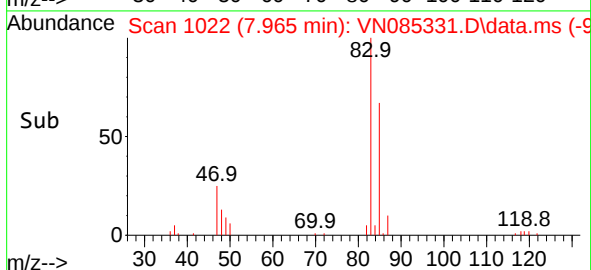
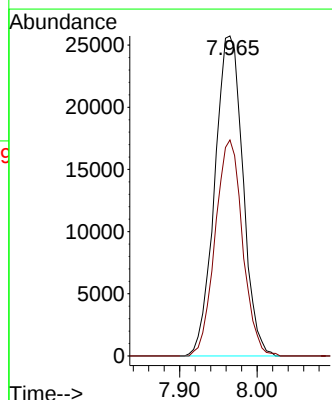
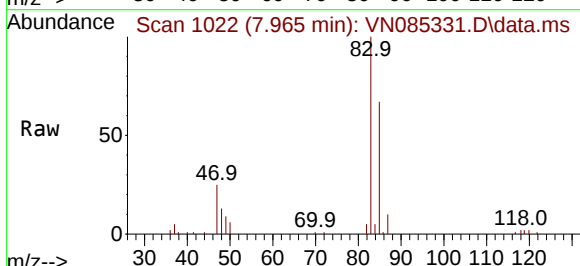
Acq: 27 Dec 2024 17:30

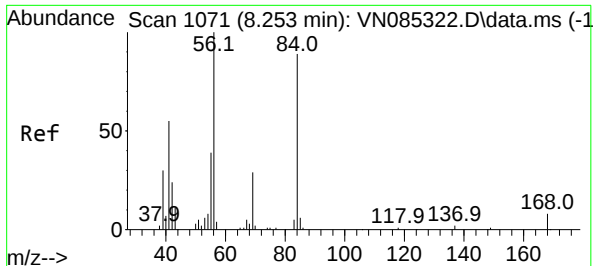
Tgt Ion: 83 Resp: 65160

Ion Ratio Lower Upper

83 100

85 67.5 52.0 78.0

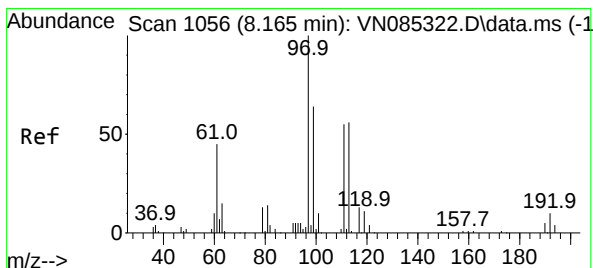
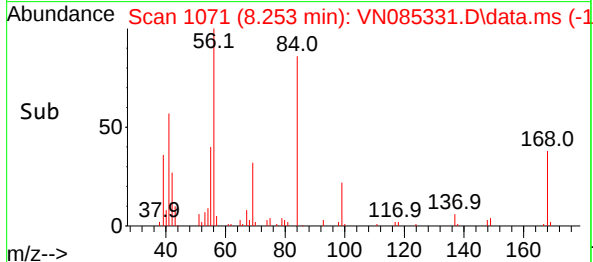
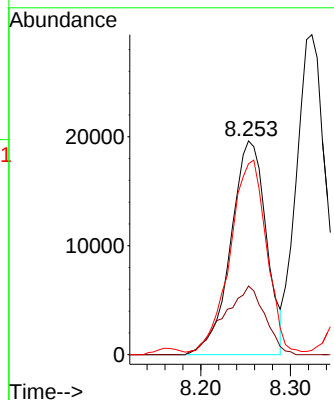
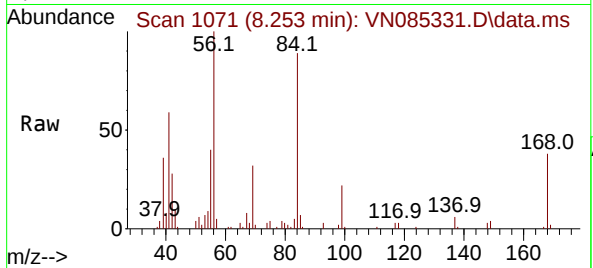




#31
Cyclohexane
Concen: 17.744 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

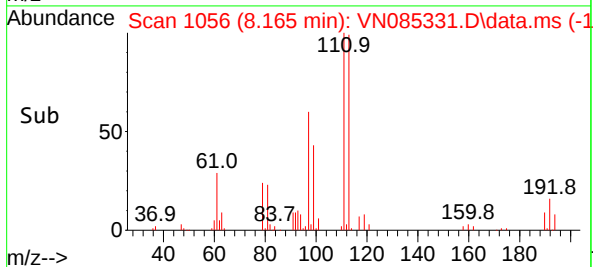
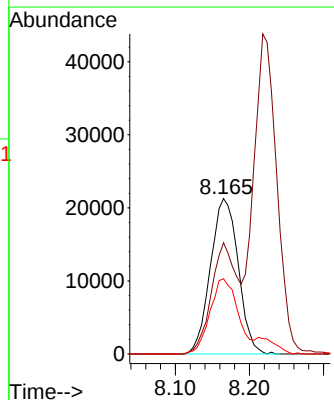
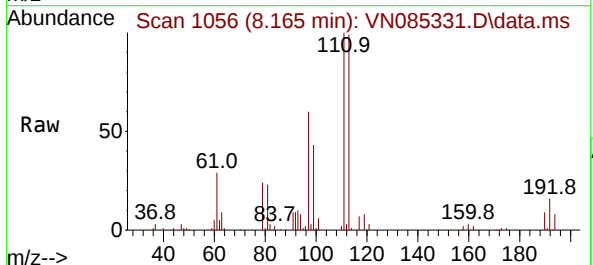
Instrument :
MSVOA_N
ClientSampleId :
VN1227WBSD01

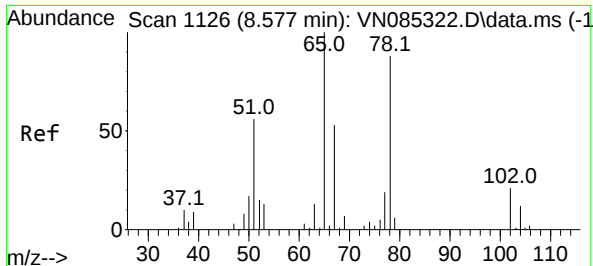
Tgt Ion: 56 Resp: 53985
Ion Ratio Lower Upper
56 100
69 31.4 23.4 35.0
84 87.4 71.0 106.6



#32
1,1,1-Trichloroethane
Concen: 18.160 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

Tgt Ion: 97 Resp: 55283
Ion Ratio Lower Upper
97 100
99 65.8 53.3 79.9
61 49.3 39.6 59.4





#33

1,2-Dichloroethane-d4

Concen: 54.248 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN085331.D

Acq: 27 Dec 2024 17:30

Instrument :

MSVOA_N

ClientSampleId :

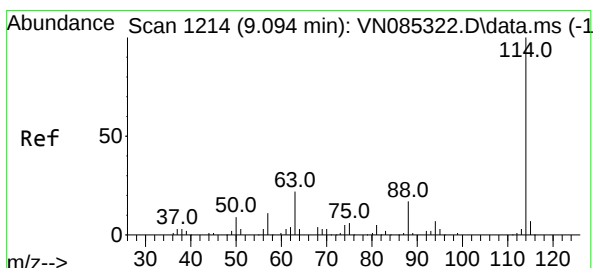
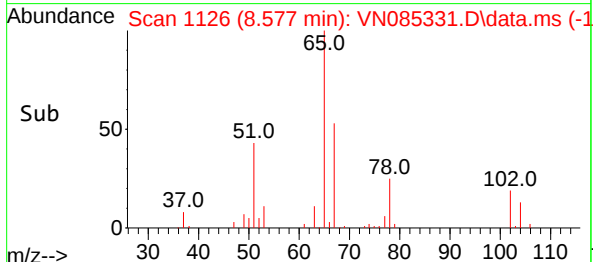
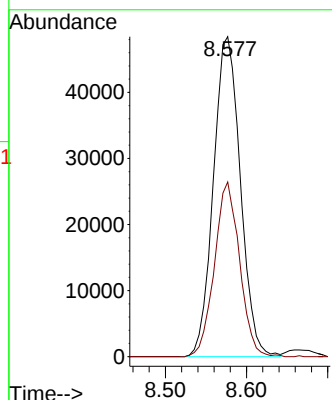
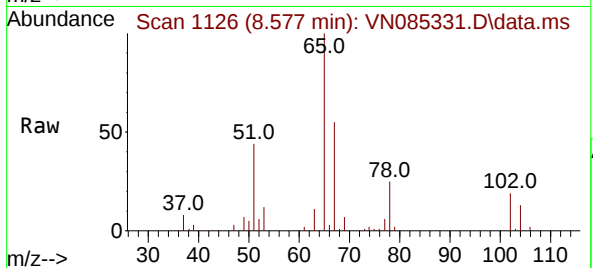
VN1227WBSD01

Tgt Ion: 65 Resp: 111665

Ion Ratio Lower Upper

65 100

67 50.9 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085331.D

Acq: 27 Dec 2024 17:30

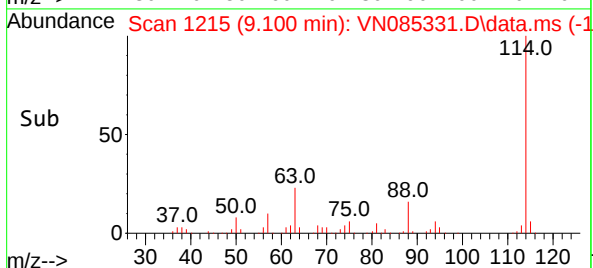
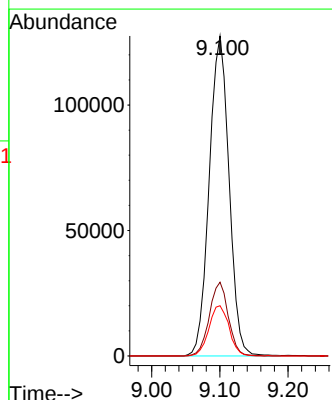
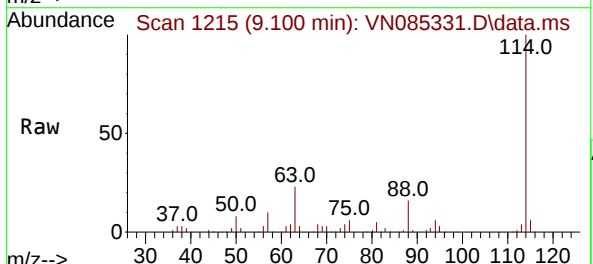
Tgt Ion: 114 Resp: 258119

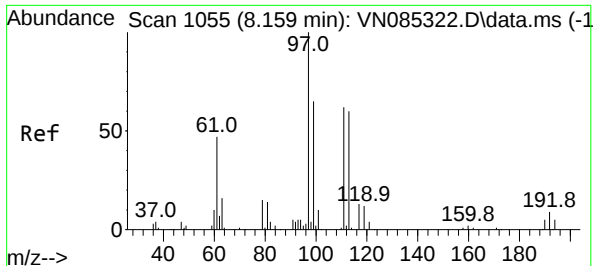
Ion Ratio Lower Upper

114 100

63 23.1 0.0 43.4

88 15.7 0.0 33.6

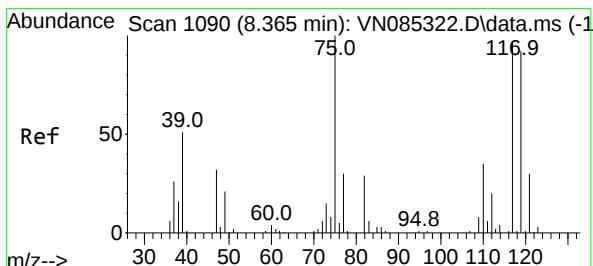
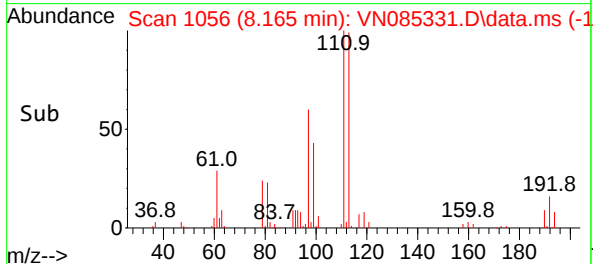
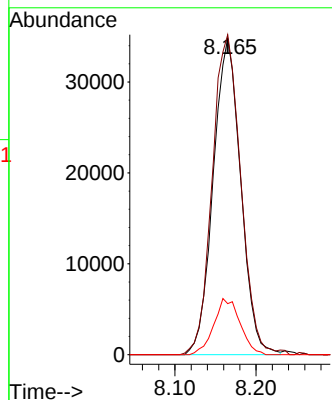
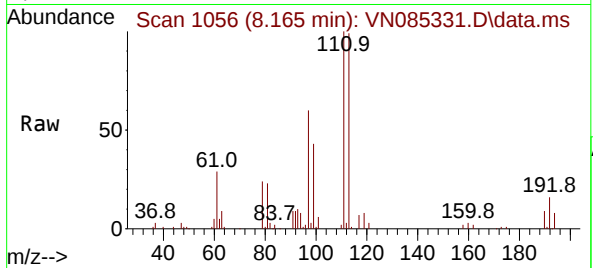




#35
Dibromofluoromethane
Concen: 50.827 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

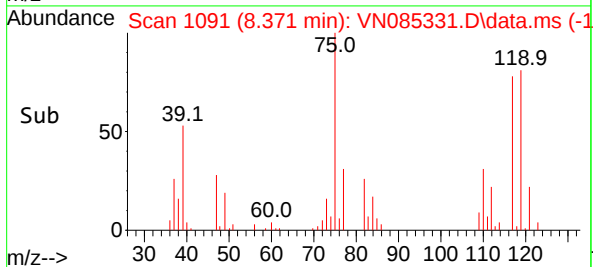
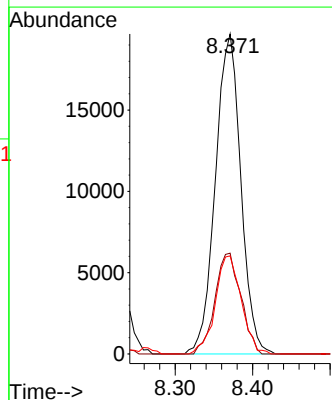
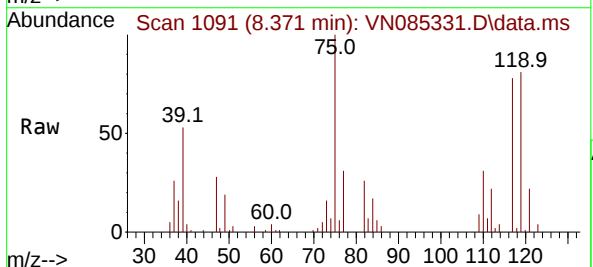
Instrument :
MSVOA_N
ClientSampleId :
VN1227WBSD01

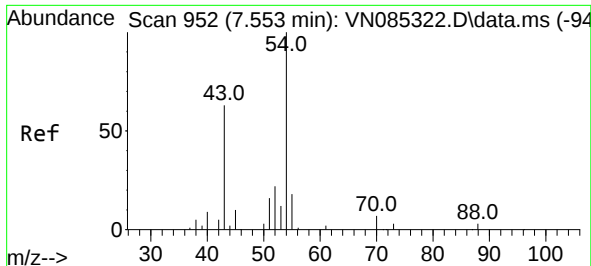
Tgt Ion:113 Resp: 81846
Ion Ratio Lower Upper
113 100
111 105.0 80.5 120.7
192 17.0 12.9 19.3



#36
1,1-Dichloropropene
Concen: 19.050 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

Tgt Ion: 75 Resp: 44914
Ion Ratio Lower Upper
75 100
110 32.1 16.6 49.8
77 31.2 24.3 36.5

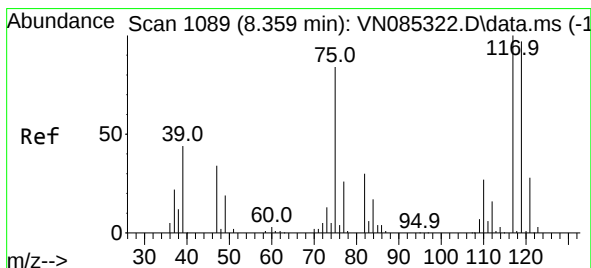
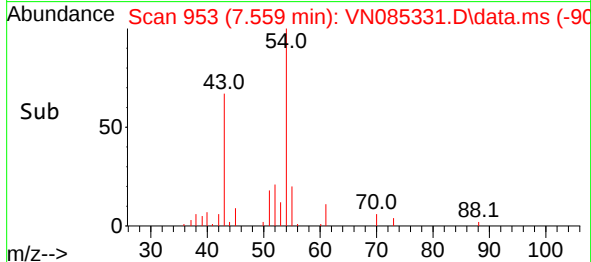
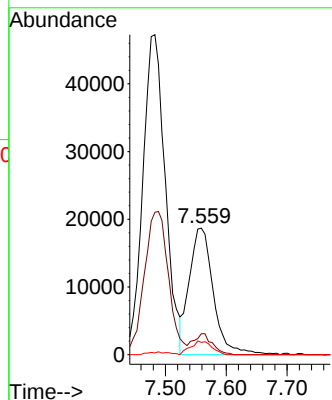
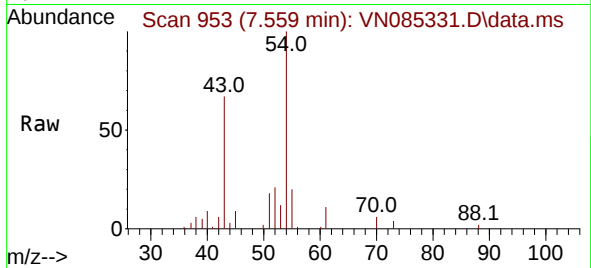




#37
Ethyl Acetate
Concen: 21.977 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

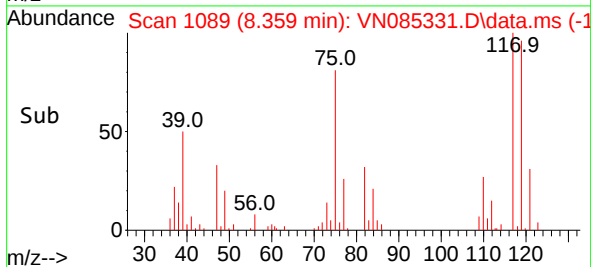
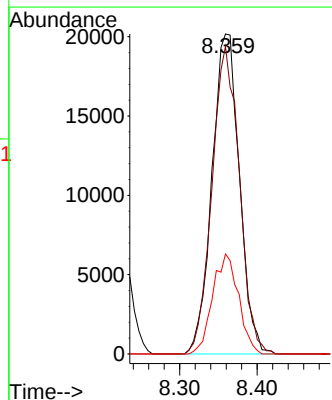
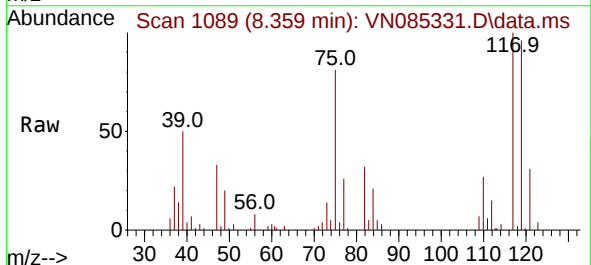
Instrument :
MSVOA_N
ClientSampleId :
VN1227WBSD01

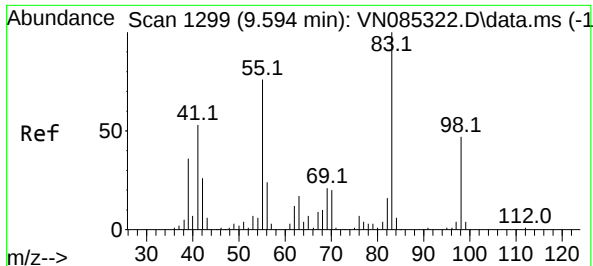
Tgt Ion: 43 Resp: 51502
Ion Ratio Lower Upper
43 100
61 13.0 10.4 15.6
70 9.4 8.2 12.2



#38
Carbon Tetrachloride
Concen: 19.305 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

Tgt Ion: 117 Resp: 49612
Ion Ratio Lower Upper
117 100
119 96.2 77.8 116.6
121 31.3 22.5 33.7





#39

Methylcyclohexane

Concen: 18.807 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN085331.D

Acq: 27 Dec 2024 17:30

Instrument :

MSVOA_N

ClientSampleId :

VN1227WBSD01

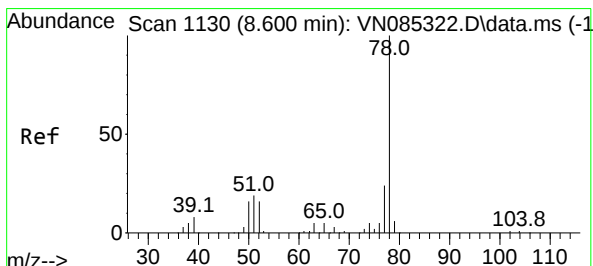
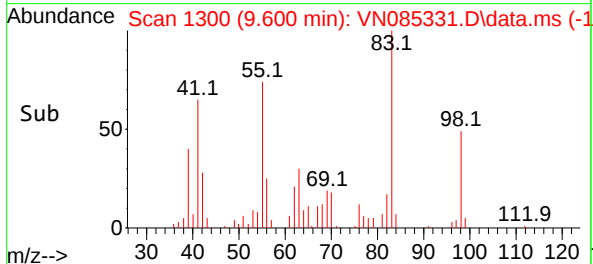
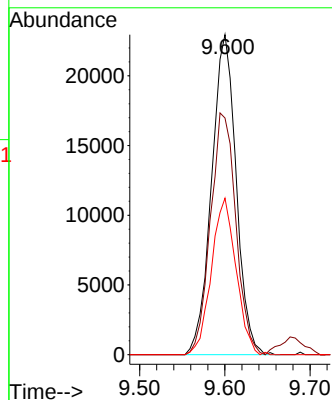
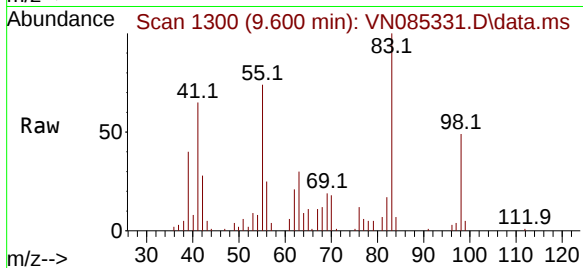
Tgt Ion: 83 Resp: 46006

Ion Ratio Lower Upper

83 100

55 74.0 60.7 91.1

98 48.9 37.7 56.5



#40

Benzene

Concen: 19.501 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN085331.D

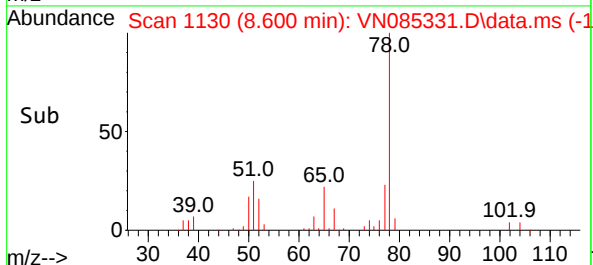
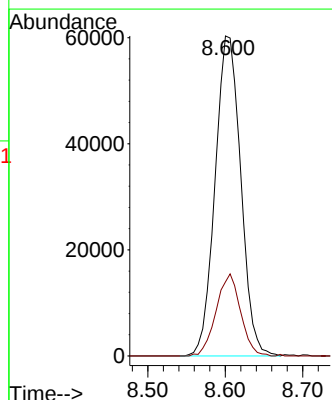
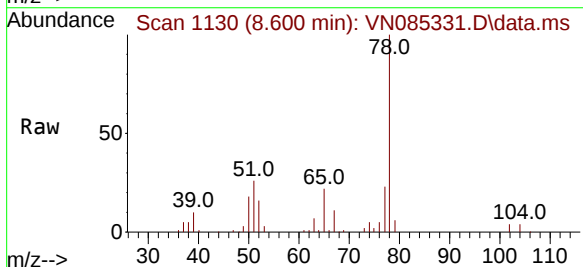
Acq: 27 Dec 2024 17:30

Tgt Ion: 78 Resp: 139012

Ion Ratio Lower Upper

78 100

77 23.1 19.0 28.4

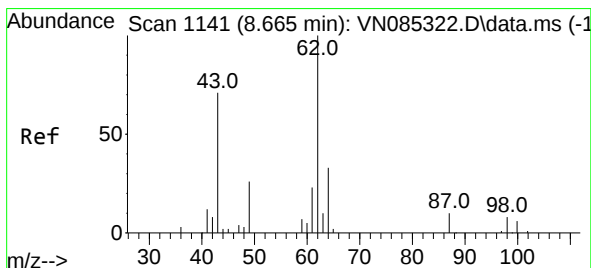
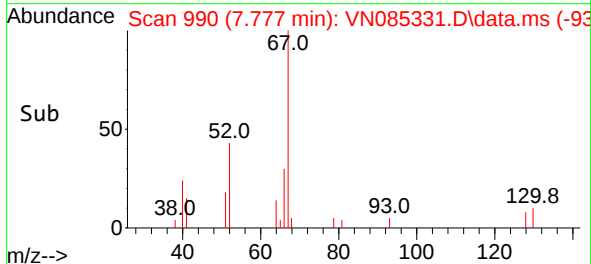
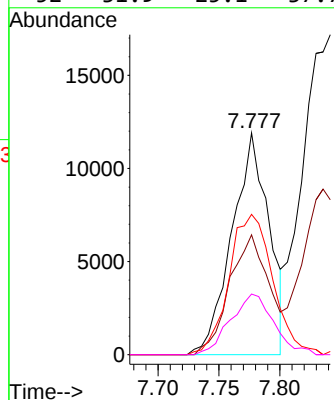
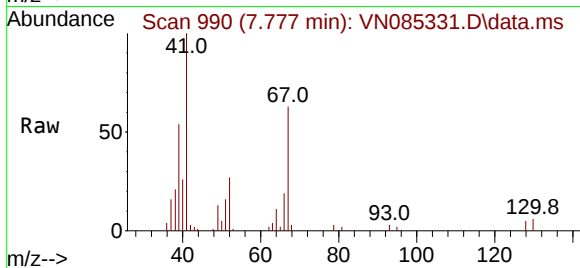




#41
Methacrylonitrile
Concen: 20.971 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

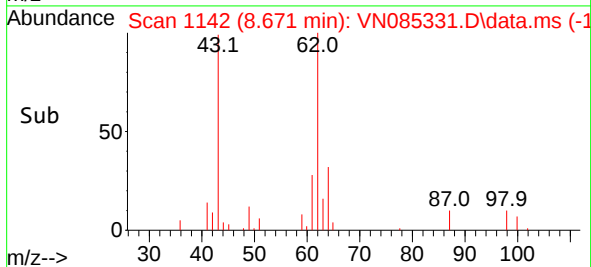
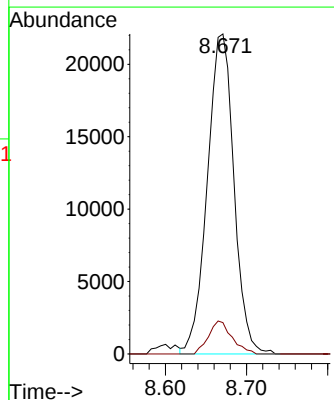
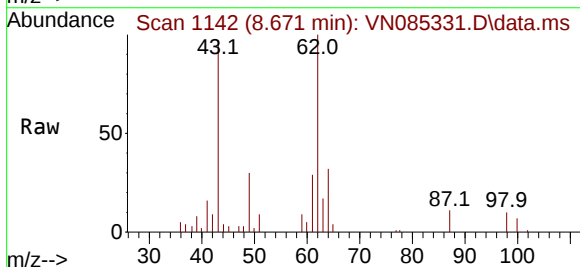
Instrument :
MSVOA_N
ClientSampleId :
VN1227WBSD01

Tgt Ion:	41	Resp:	25169
Ion	Ratio	Lower	Upper
41	100		
39	57.1	45.8	68.8
67	75.1	57.1	85.7
52	31.9	25.1	37.7



#42
1,2-Dichloroethane
Concen: 19.684 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

Tgt Ion:	62	Resp:	50307
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	17.6





#43

Isopropyl Acetate

Concen: 21.225 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.006 min

Lab File: VN085331.D

Acq: 27 Dec 2024 17:30

Instrument :

MSVOA_N

ClientSampleId :

VN1227WBSD01

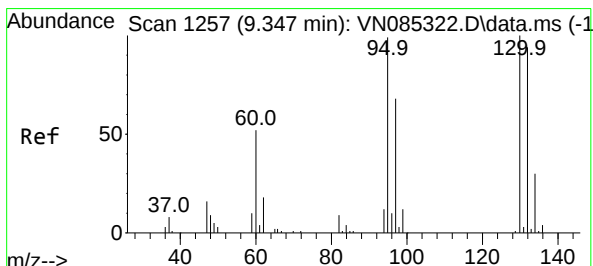
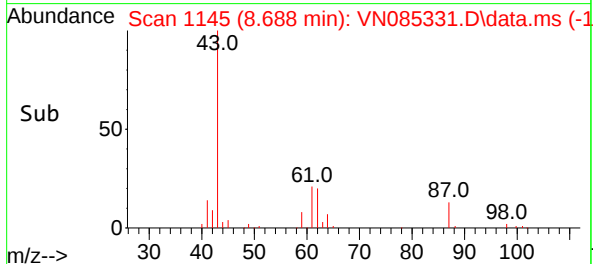
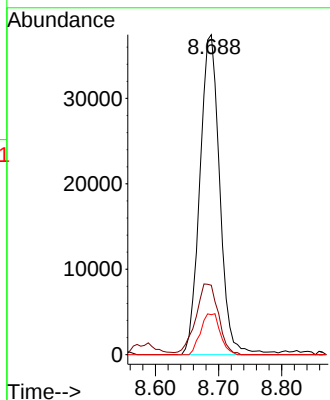
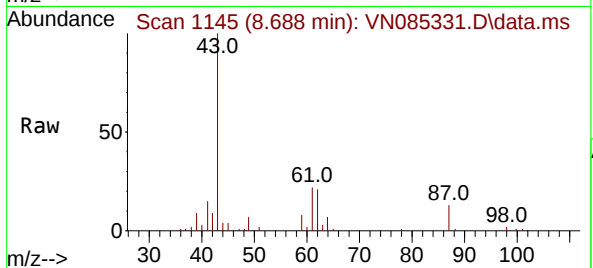
Tgt Ion: 43 Resp: 81902

Ion Ratio Lower Upper

43 100

61 25.3 20.8 31.2

87 12.6 10.2 15.4



#44

Trichloroethene

Concen: 18.479 ug/l

RT: 9.347 min Scan# 1257

Delta R.T. 0.000 min

Lab File: VN085331.D

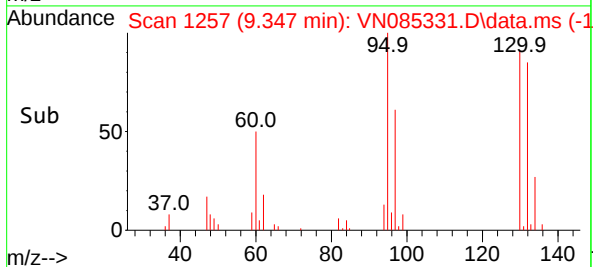
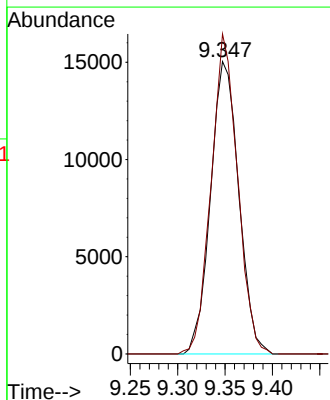
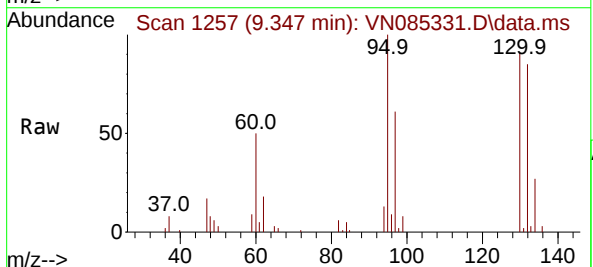
Acq: 27 Dec 2024 17:30

Tgt Ion:130 Resp: 31187

Ion Ratio Lower Upper

130 100

95 109.4 0.0 197.8





#45

1,2-Dichloropropane

Concen: 19.896 ug/l

RT: 9.618 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085331.D

Acq: 27 Dec 2024 17:30

Instrument :

MSVOA_N

ClientSampleId :

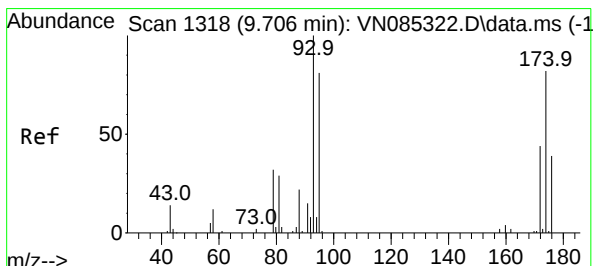
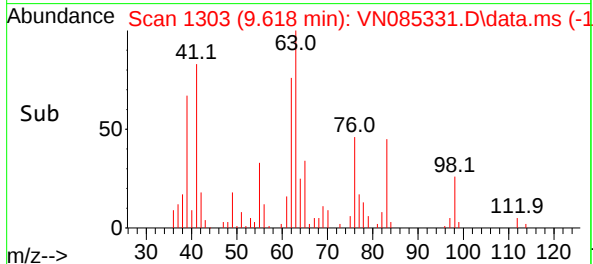
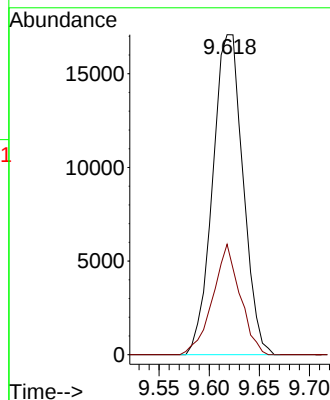
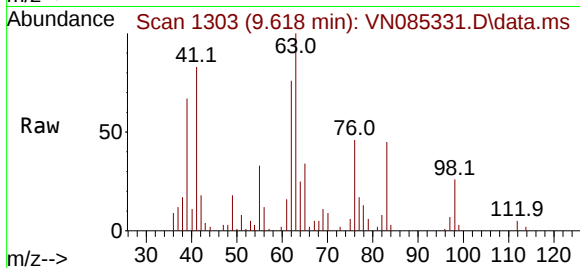
VN1227WBSD01

Tgt Ion: 63 Resp: 36004

Ion Ratio Lower Upper

63 100

65 34.5 25.5 38.3



#46

Dibromomethane

Concen: 19.639 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.006 min

Lab File: VN085331.D

Acq: 27 Dec 2024 17:30

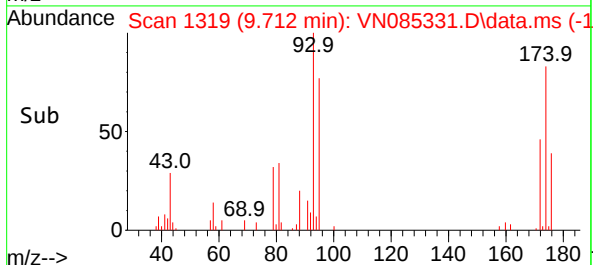
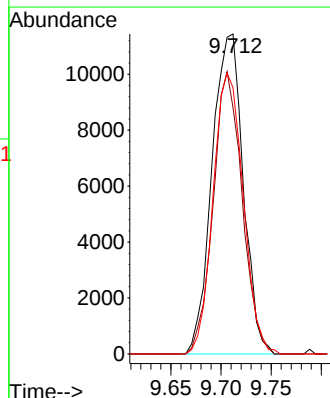
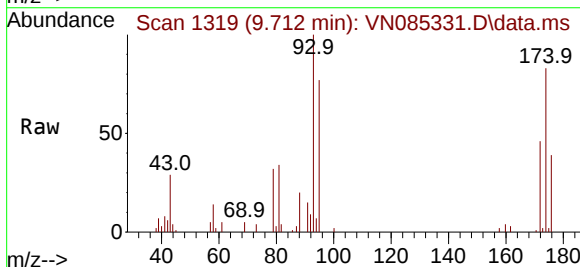
Tgt Ion: 93 Resp: 24716

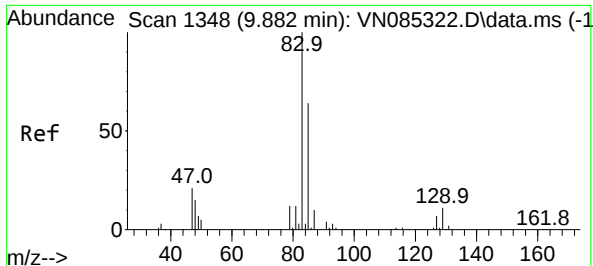
Ion Ratio Lower Upper

93 100

95 81.7 65.3 97.9

174 84.8 66.4 99.6

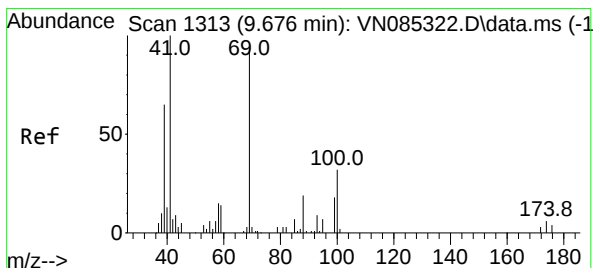
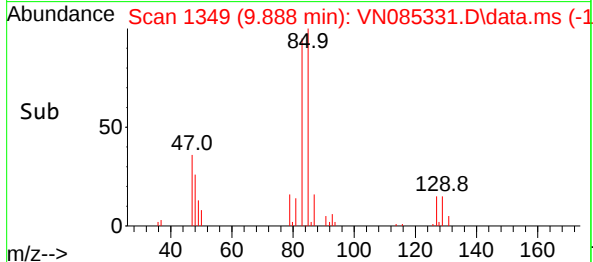
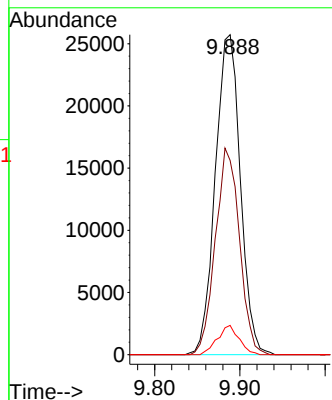
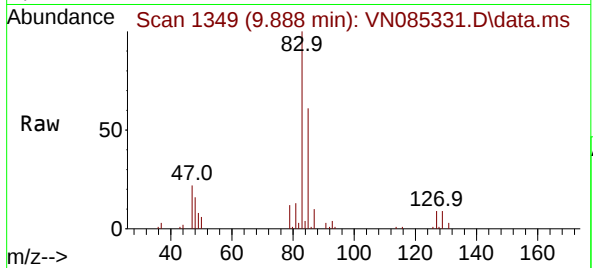




#47
Bromodichloromethane
Concen: 20.090 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

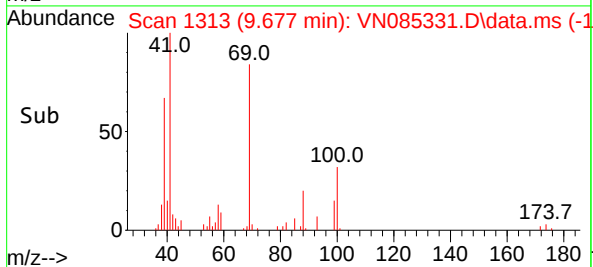
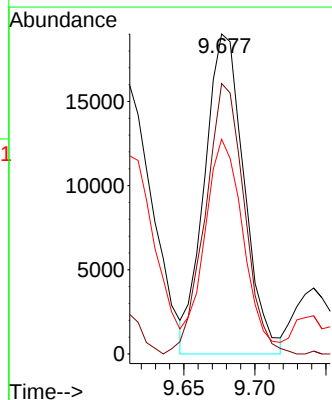
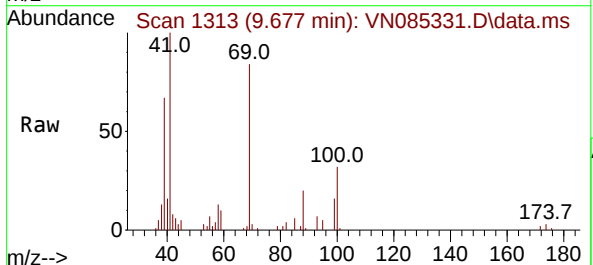
Instrument :
MSVOA_N
ClientSampleId :
VN1227WBSD01

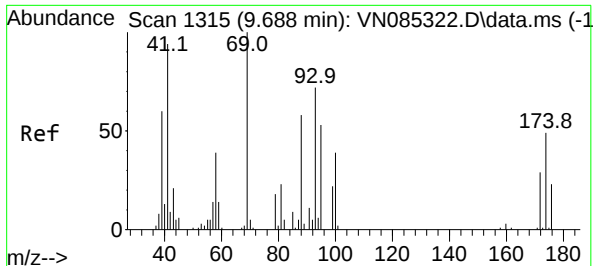
Tgt Ion: 83 Resp: 52551
Ion Ratio Lower Upper
83 100
85 60.7 51.0 76.4
127 9.2 5.8 8.6#



#48
Methyl methacrylate
Concen: 21.968 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

Tgt Ion: 41 Resp: 36782
Ion Ratio Lower Upper
41 100
69 83.0 67.7 101.5
39 66.1 51.2 76.8





#49

1,4-Dioxane

Concen: 541.163 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.006 min

Lab File: VN085331.D

Acq: 27 Dec 2024 17:30

Instrument :

MSVOA_N

ClientSampleId :

VN1227WBSD01

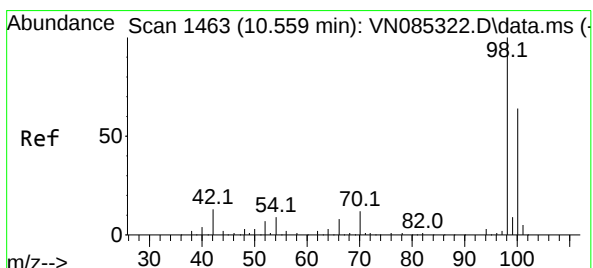
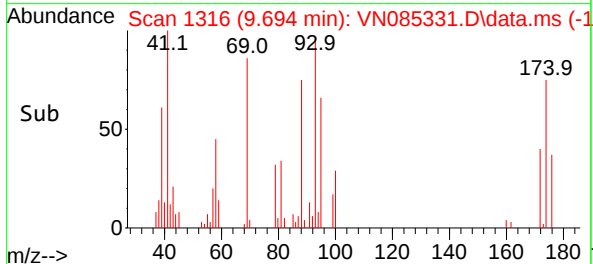
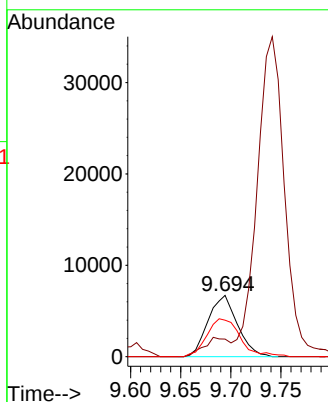
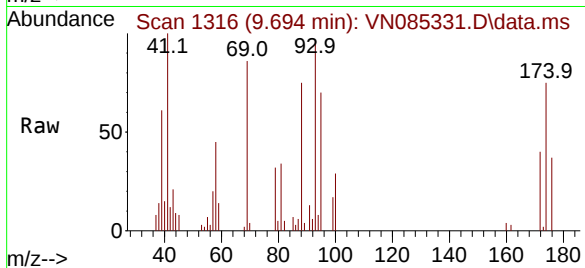
Tgt Ion: 88 Resp: 13671

Ion Ratio Lower Upper

88 100

43 27.1 22.1 33.1

58 70.4 56.7 85.1



#50

Toluene-d8

Concen: 51.858 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VN085331.D

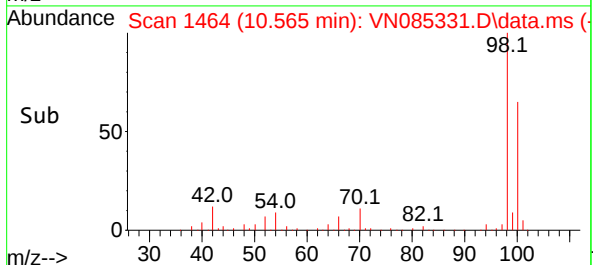
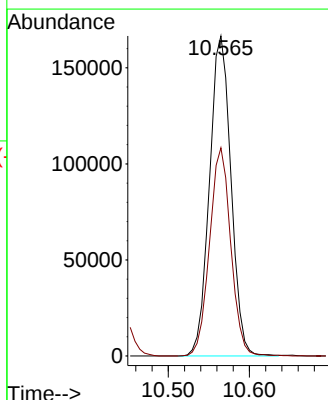
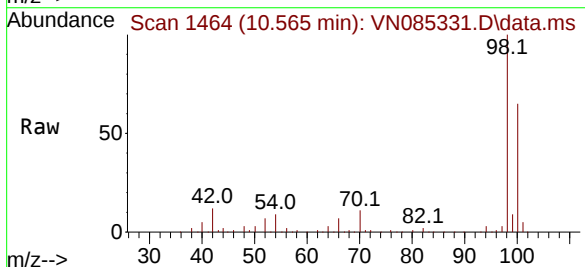
Acq: 27 Dec 2024 17:30

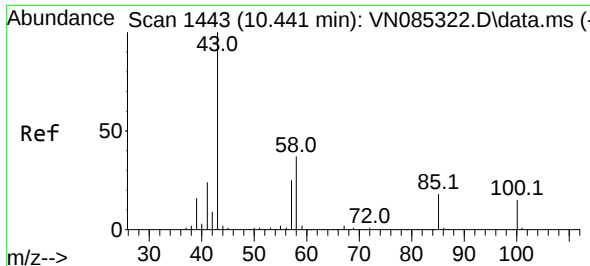
Tgt Ion: 98 Resp: 306433

Ion Ratio Lower Upper

98 100

100 64.2 51.5 77.3





#51

4-Methyl-2-Pentanone

Concen: 114.650 ug/l

RT: 10.441 min Scan# 1443

Delta R.T. 0.000 min

Lab File: VN085331.D

Acq: 27 Dec 2024 17:30

Instrument :

MSVOA_N

ClientSampleId :

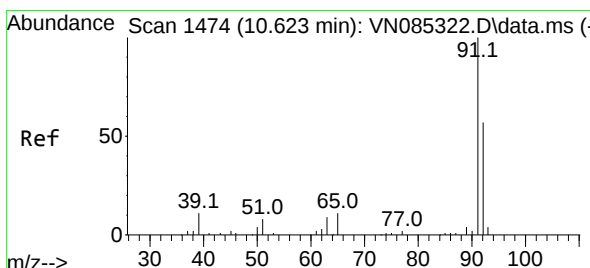
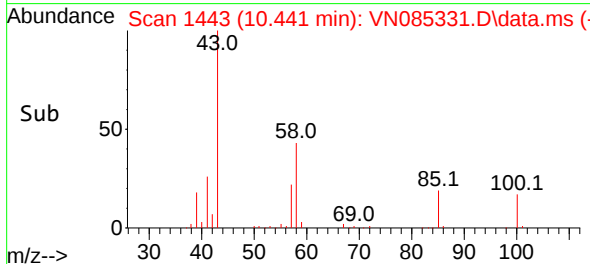
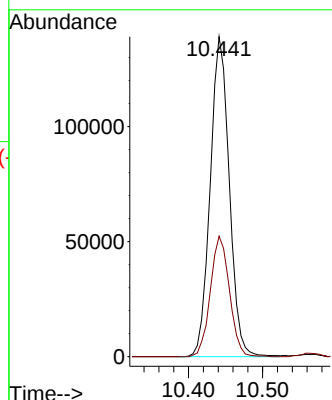
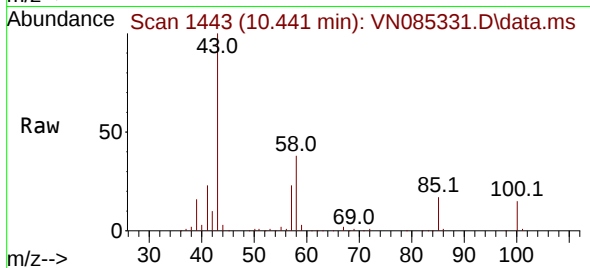
VN1227WBSD01

Tgt Ion: 43 Resp: 248614

Ion Ratio Lower Upper

43 100

58 37.7 30.3 45.5



#52

Toluene

Concen: 20.033 ug/l

RT: 10.624 min Scan# 1474

Delta R.T. 0.000 min

Lab File: VN085331.D

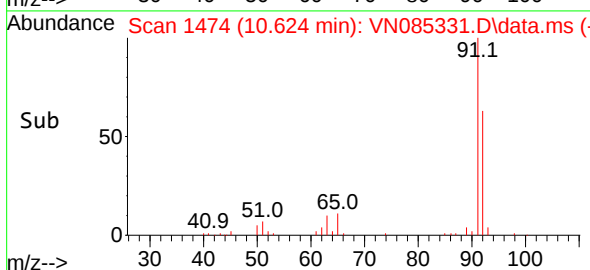
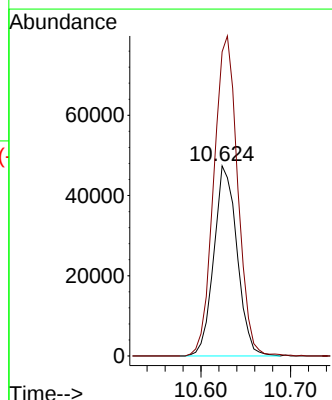
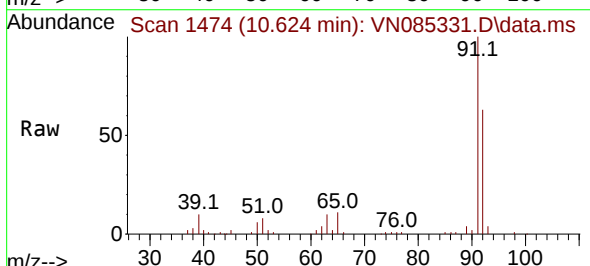
Acq: 27 Dec 2024 17:30

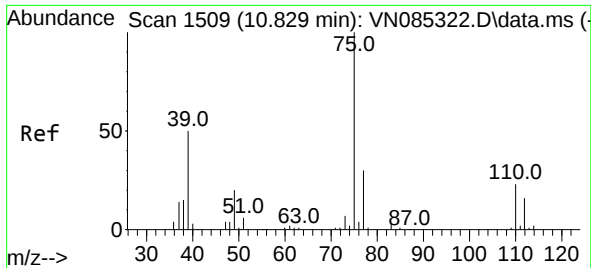
Tgt Ion: 92 Resp: 85029

Ion Ratio Lower Upper

92 100

91 173.5 140.2 210.4

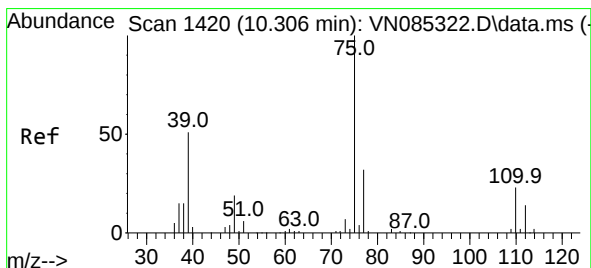
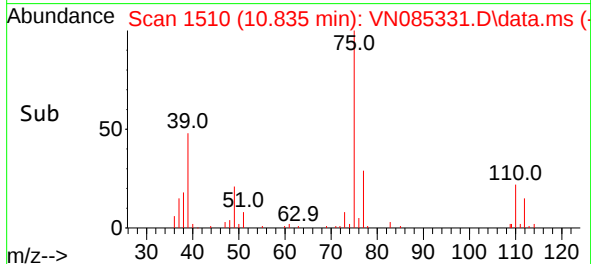
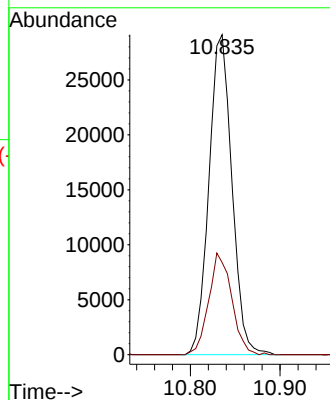
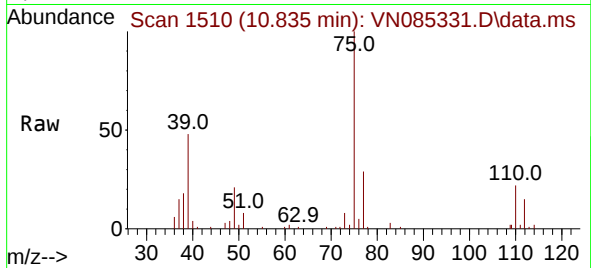




#53
 t-1,3-Dichloropropene
 Concen: 20.101 ug/l
 RT: 10.835 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VN085331.D
 Acq: 27 Dec 2024 17:30

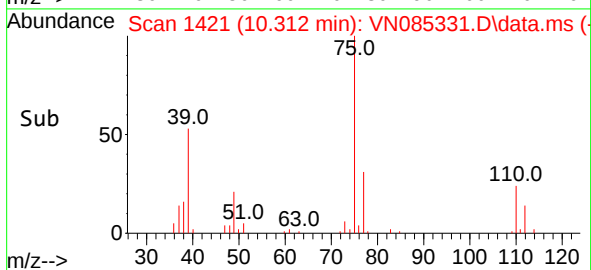
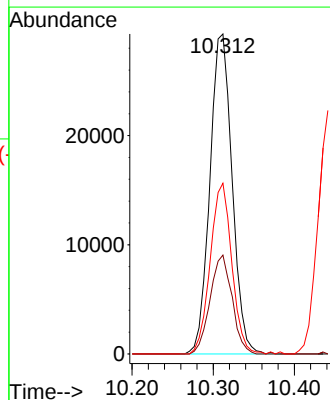
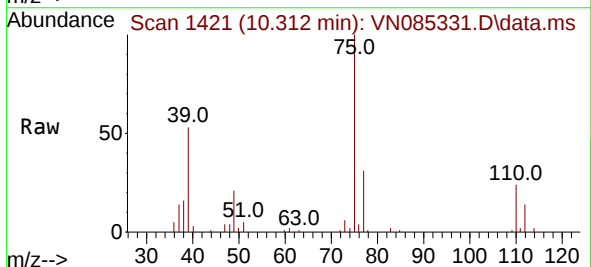
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1227WBSD01

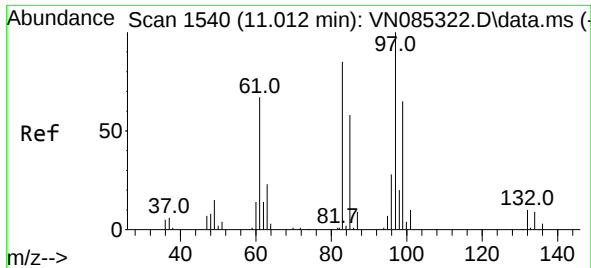
Tgt Ion: 75 Resp: 51708
 Ion Ratio Lower Upper
 75 100
 77 28.8 23.8 35.6



#54
 cis-1,3-Dichloropropene
 Concen: 20.042 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.006 min
 Lab File: VN085331.D
 Acq: 27 Dec 2024 17:30

Tgt Ion: 75 Resp: 55748
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.5 38.3
 39 53.3 40.5 60.7

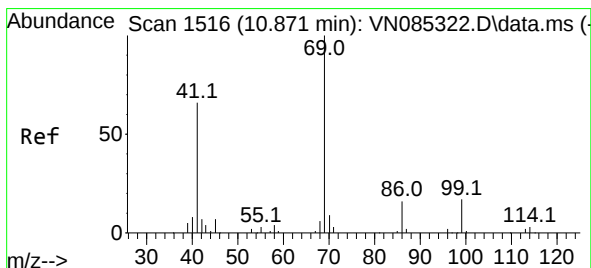
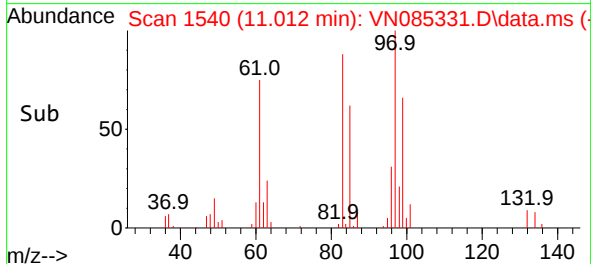
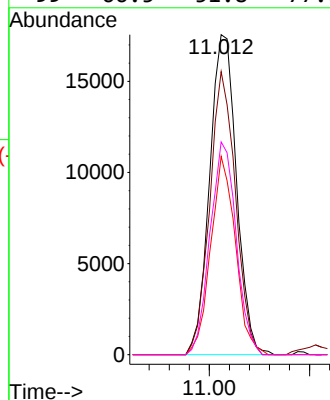
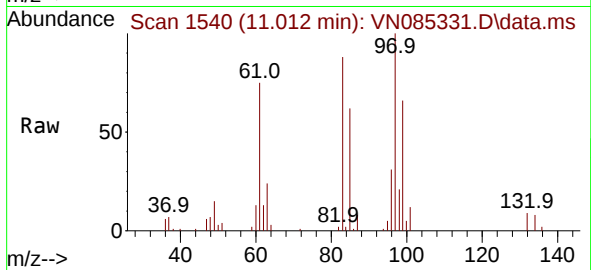




#55
1,1,2-Trichloroethane
Concen: 20.437 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

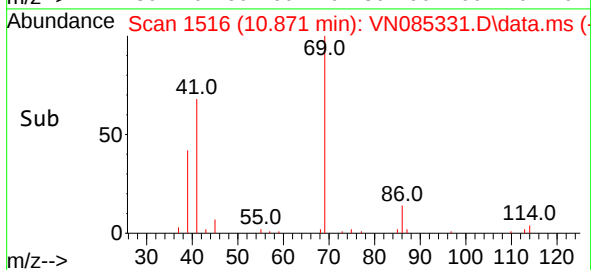
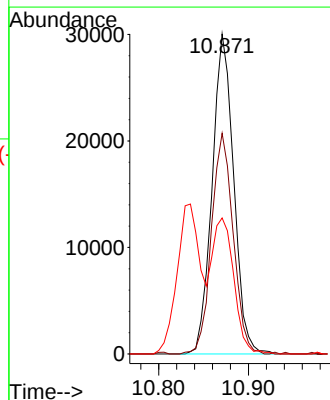
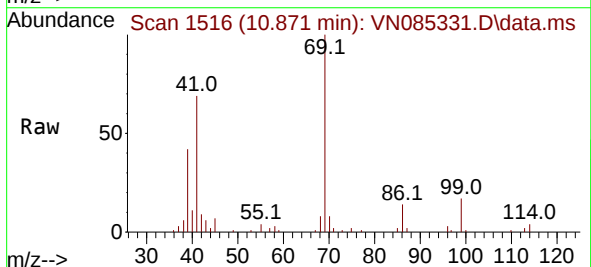
Instrument :
MSVOA_N
ClientSampleId :
VN1227WBSD01

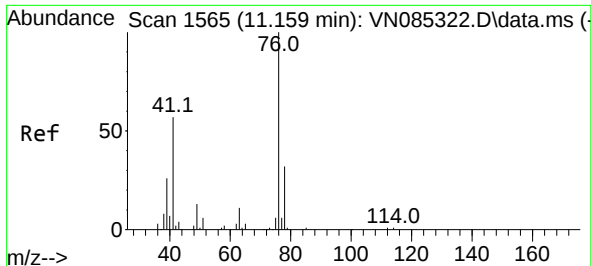
Tgt Ion: 97	Resp: 32750
Ion Ratio	Lower Upper
97 100	
83 88.5	67.7 101.5
85 62.0	46.2 69.4
99 66.5	51.8 77.6



#56
Ethyl methacrylate
Concen: 21.484 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

Tgt Ion: 69	Resp: 50141
Ion Ratio	Lower Upper
69 100	
41 69.3	54.3 81.5
39 42.8	32.0 48.0





#57

1,3-Dichloropropane

Concen: 20.463 ug/l

RT: 11.159 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN085331.D

Acq: 27 Dec 2024 17:30

Instrument :

MSVOA_N

ClientSampleId :

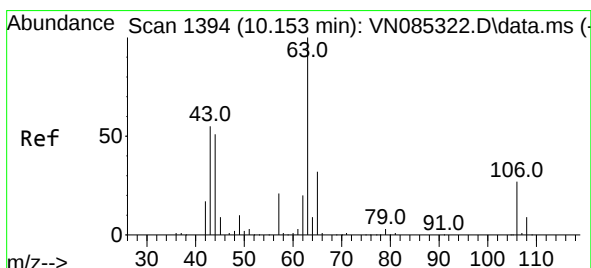
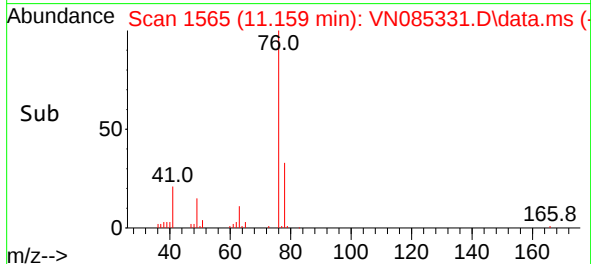
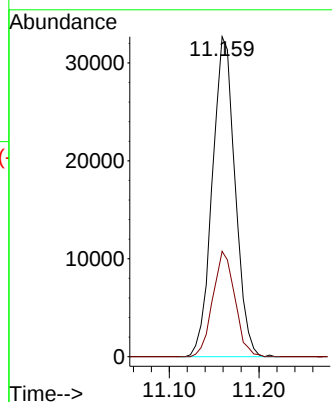
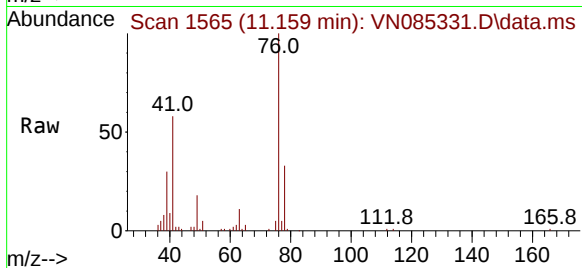
VN1227WBSD01

Tgt Ion: 76 Resp: 57554

Ion Ratio Lower Upper

76 100

78 32.0 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 116.170 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.006 min

Lab File: VN085331.D

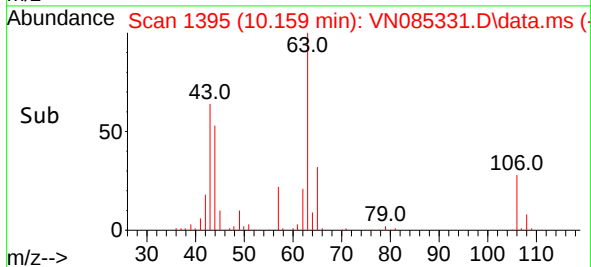
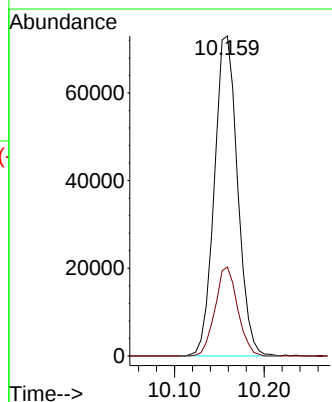
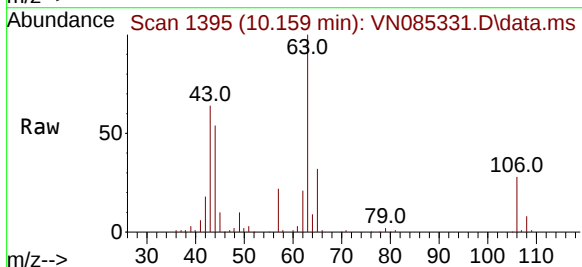
Acq: 27 Dec 2024 17:30

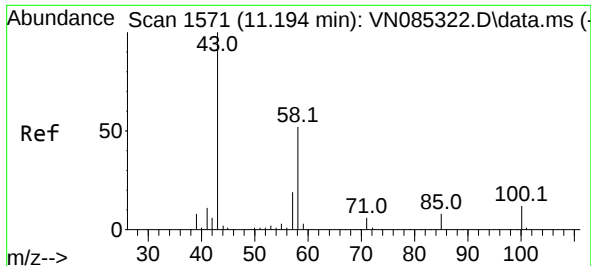
Tgt Ion: 63 Resp: 131176

Ion Ratio Lower Upper

63 100

106 27.0 22.1 33.1

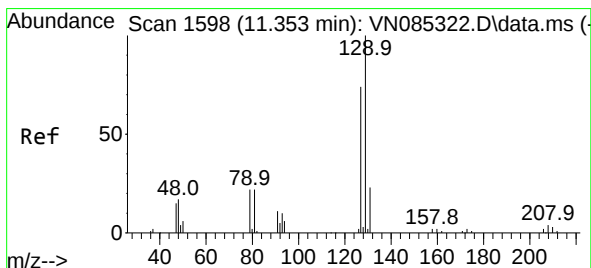
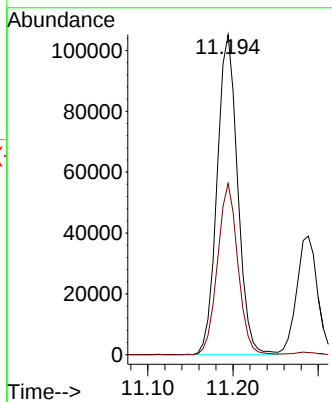
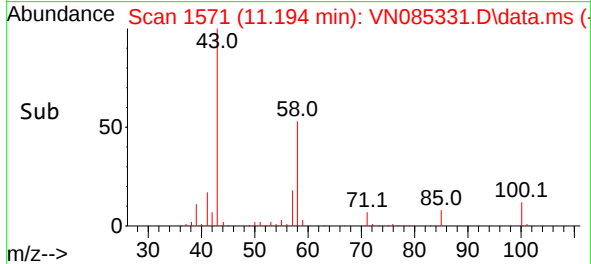
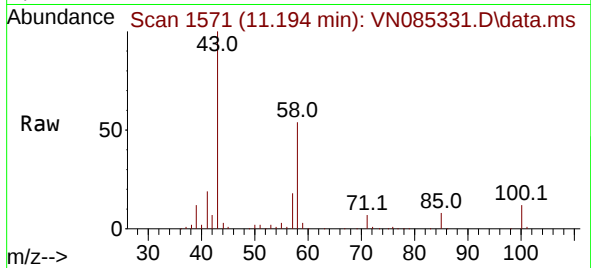




#59
2-Hexanone
Concen: 117.338 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

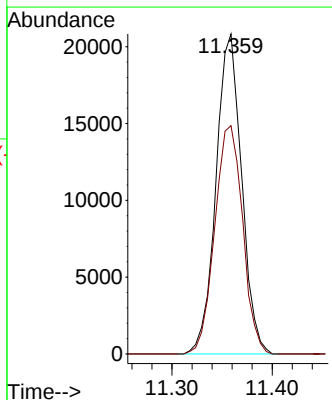
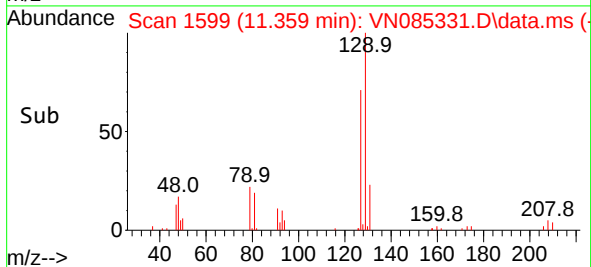
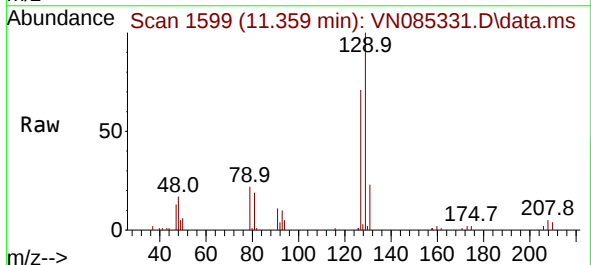
Instrument :
MSVOA_N
ClientSampleId :
VN1227WBSD01

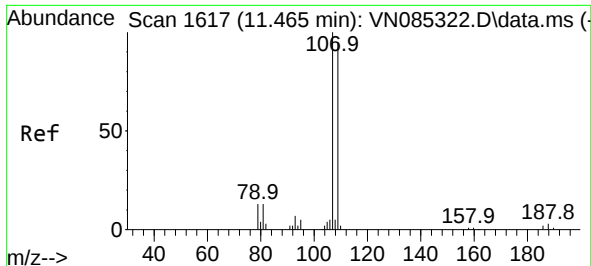
Tgt Ion: 43 Resp: 176533
Ion Ratio Lower Upper
43 100
58 52.9 26.5 79.5



#60
Dibromochloromethane
Concen: 20.483 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

Tgt Ion:129 Resp: 36970
Ion Ratio Lower Upper
129 100
127 77.7 38.3 114.9

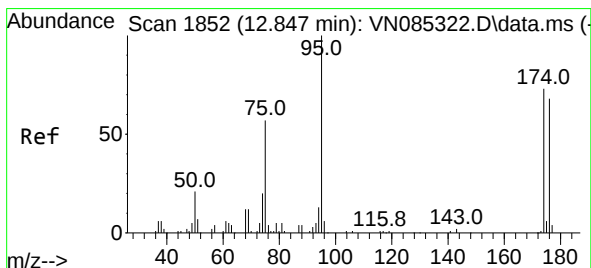
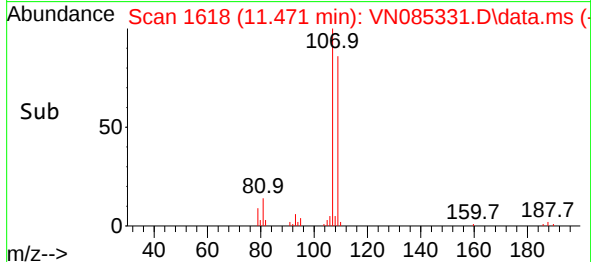
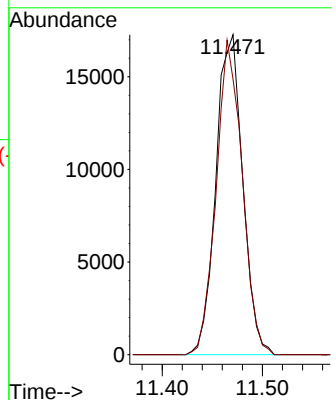
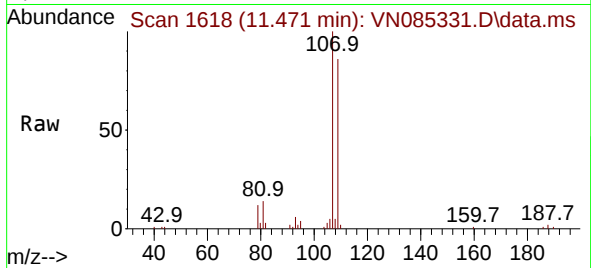




#61
1,2-Dibromoethane
Concen: 20.237 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.006 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

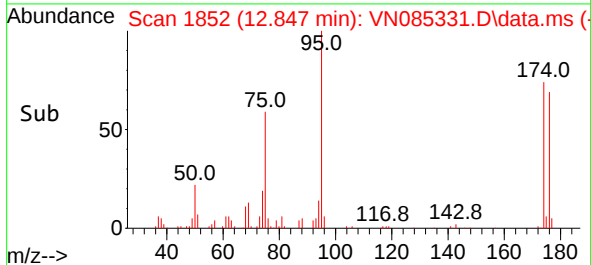
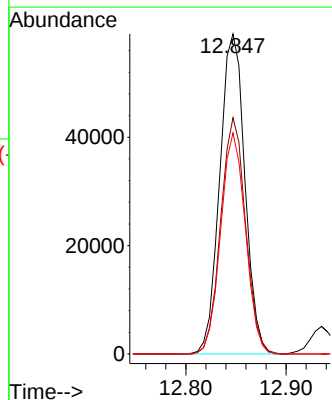
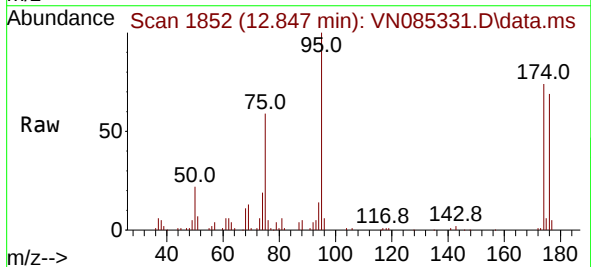
Instrument :
MSVOA_N
ClientSampleId :
VN1227WBSD01

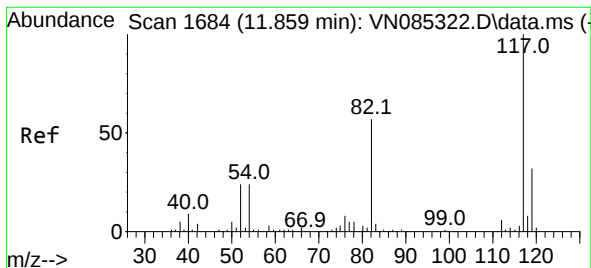
Tgt Ion:107 Resp: 32084
Ion Ratio Lower Upper
107 100
109 95.5 74.9 112.3



#62
4-Bromofluorobenzene
Concen: 52.322 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

Tgt Ion: 95 Resp: 102680
Ion Ratio Lower Upper
95 100
174 73.1 0.0 143.2
176 68.1 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN085331.D

Acq: 27 Dec 2024 17:30

Instrument :

MSVOA_N

ClientSampleId :

VN1227WBSD01

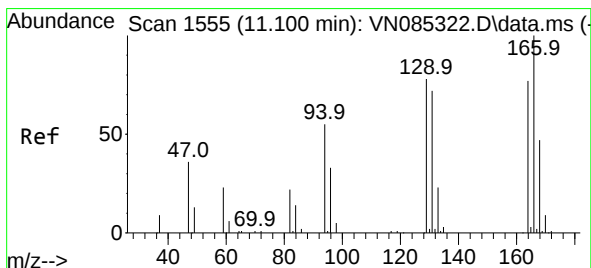
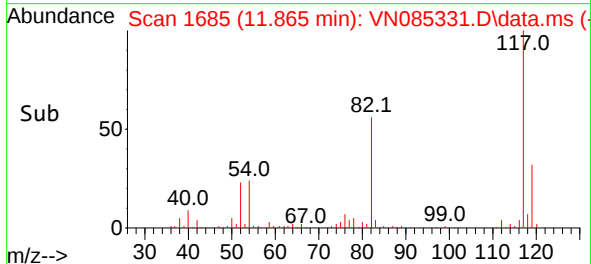
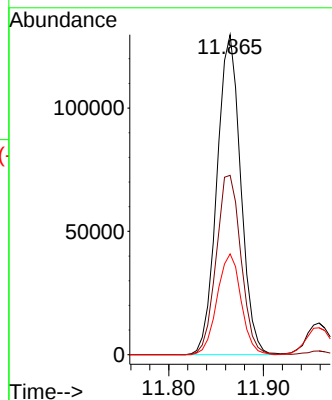
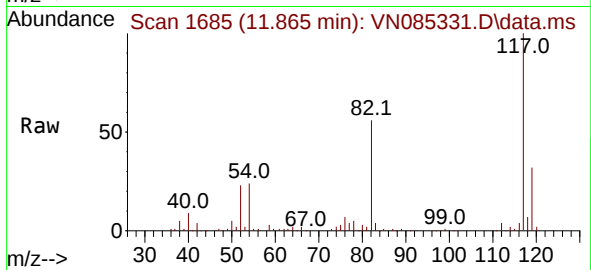
Tgt Ion:117 Resp: 226359

Ion Ratio Lower Upper

117 100

82 56.1 45.7 68.5

119 31.5 25.8 38.8



#64

Tetrachloroethene

Concen: 18.911 ug/l

RT: 11.100 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VN085331.D

Acq: 27 Dec 2024 17:30

Tgt Ion:164 Resp: 27124

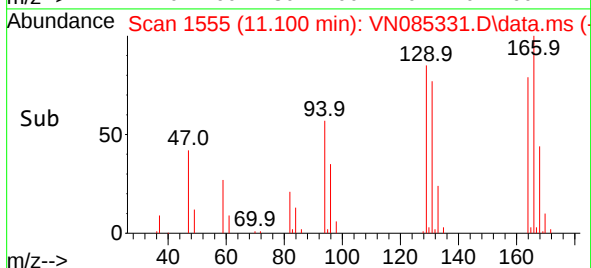
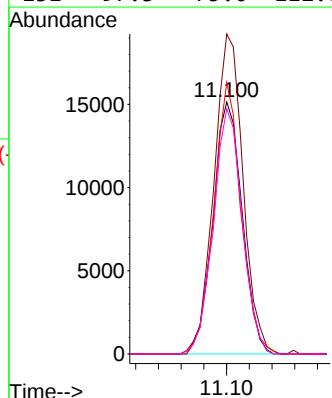
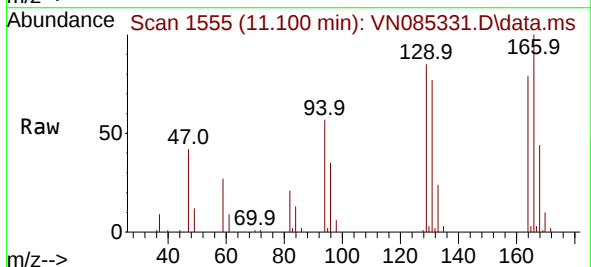
Ion Ratio Lower Upper

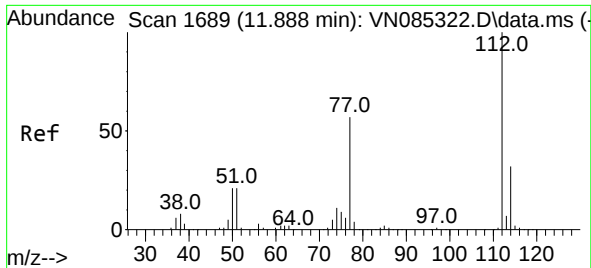
164 100

166 127.0 104.0 156.0

129 107.7 81.3 121.9

131 97.3 75.0 112.6

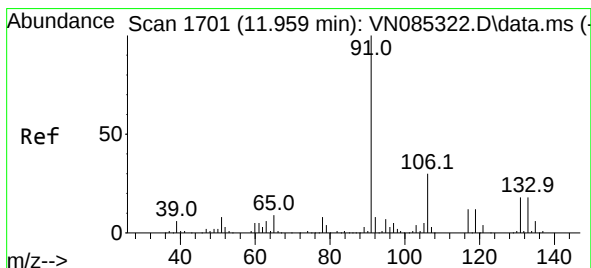
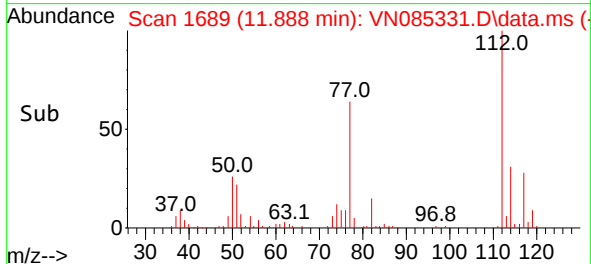
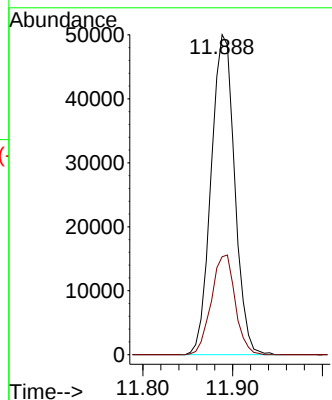
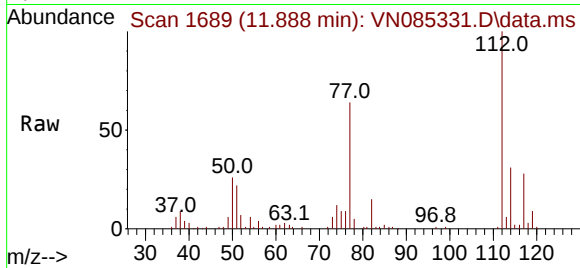




#65
Chlorobenzene
Concen: 18.629 ug/l
RT: 11.888 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

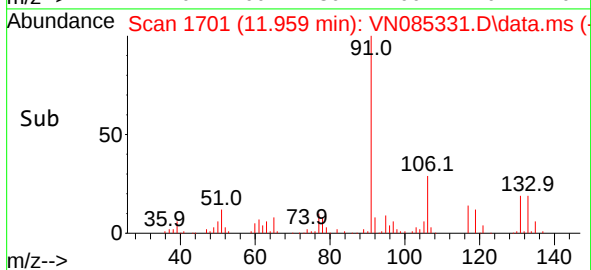
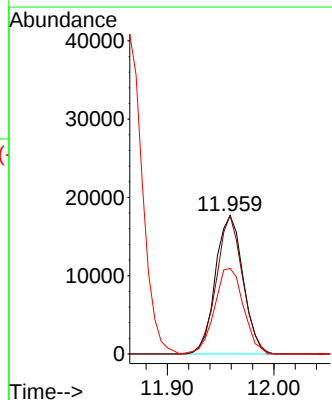
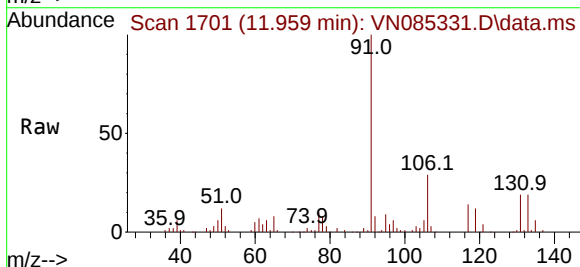
Instrument :
MSVOA_N
ClientSampleId :
VN1227WBSD01

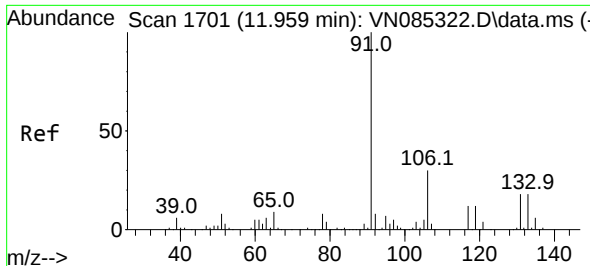
Tgt Ion:112 Resp: 91123
Ion Ratio Lower Upper
112 100
114 30.6 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 19.325 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

Tgt Ion:131 Resp: 31726
Ion Ratio Lower Upper
131 100
133 95.4 48.3 144.9
119 65.0 33.4 100.1





#67

Ethyl Benzene

Concen: 19.184 ug/l

RT: 11.959 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN085331.D

Acq: 27 Dec 2024 17:30

Instrument :

MSVOA_N

ClientSampleId :

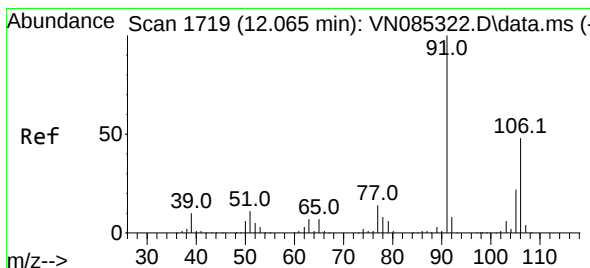
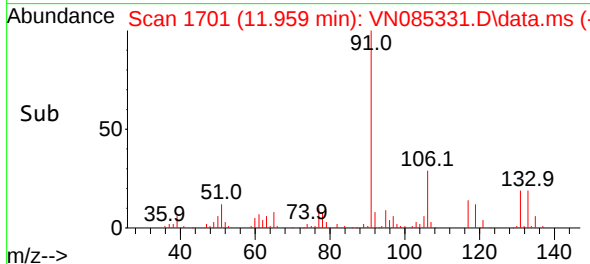
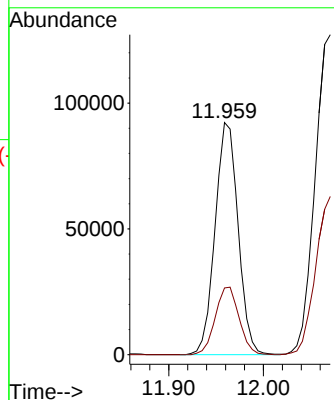
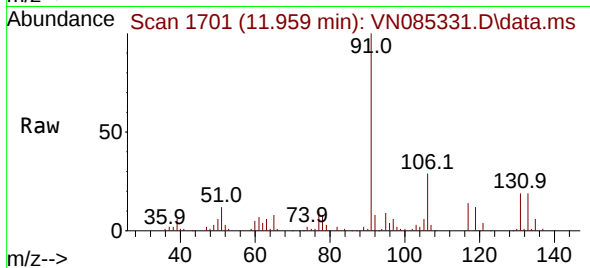
VN1227WBSD01

Tgt Ion: 91 Resp: 156061

Ion Ratio Lower Upper

91 100

106 28.7 24.0 36.0



#68

m/p-Xylenes

Concen: 40.244 ug/l

RT: 12.071 min Scan# 1720

Delta R.T. 0.006 min

Lab File: VN085331.D

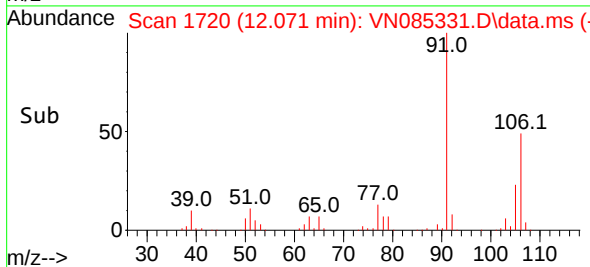
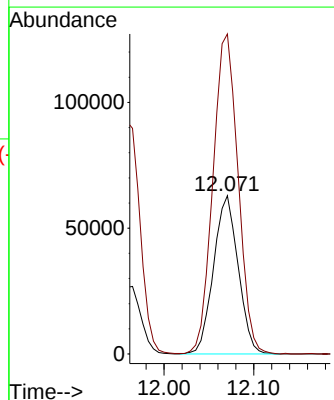
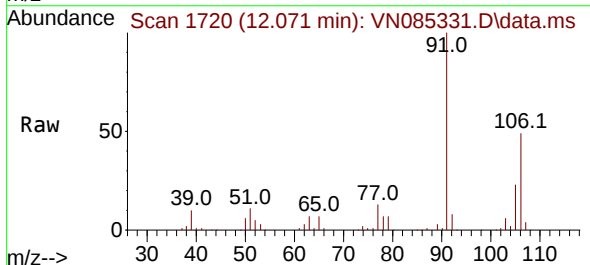
Acq: 27 Dec 2024 17:30

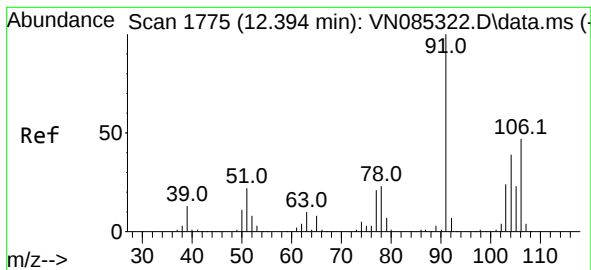
Tgt Ion:106 Resp: 119809

Ion Ratio Lower Upper

106 100

91 206.3 165.2 247.8





#69

o-Xylene

Concen: 19.624 ug/l

RT: 12.394 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VN085331.D

Acq: 27 Dec 2024 17:30

Instrument :

MSVOA_N

ClientSampleId :

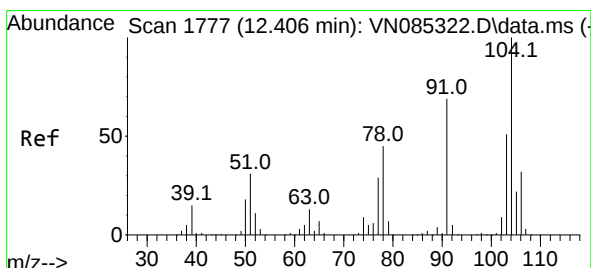
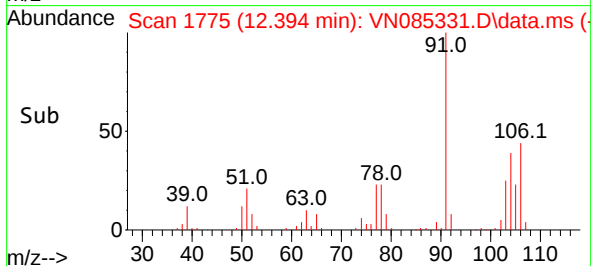
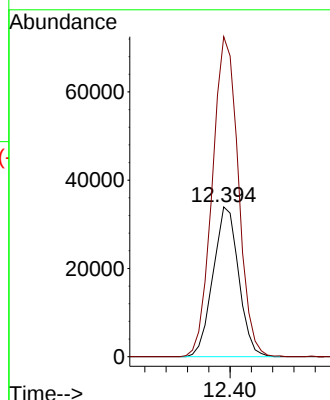
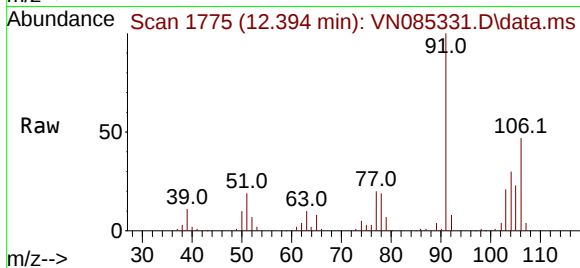
VN1227WBSD01

Tgt Ion:106 Resp: 56516

Ion Ratio Lower Upper

106 100

91 217.4 107.3 321.8



#70

Styrene

Concen: 19.853 ug/l

RT: 12.406 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VN085331.D

Acq: 27 Dec 2024 17:30

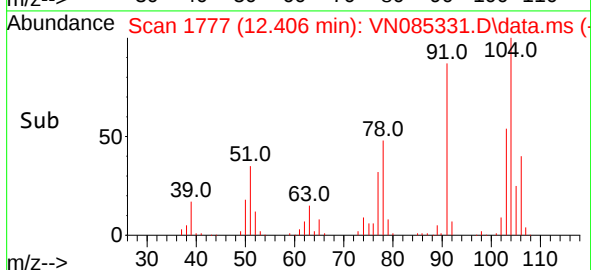
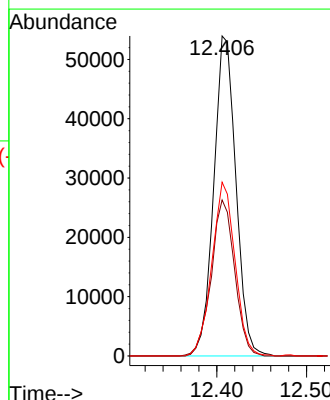
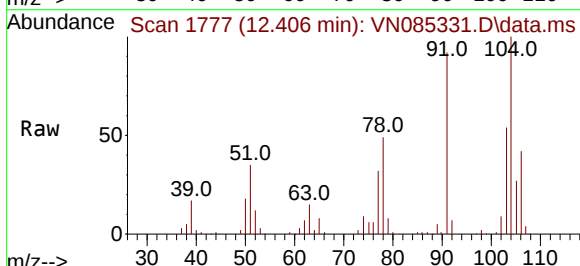
Tgt Ion:104 Resp: 92662

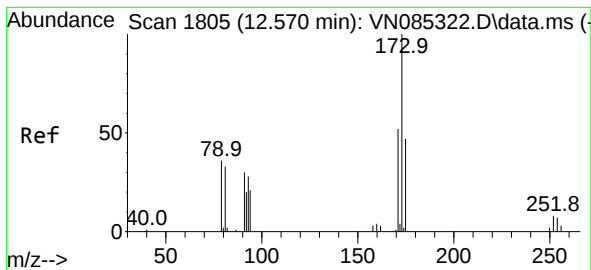
Ion Ratio Lower Upper

104 100

78 51.3 40.7 61.1

103 56.6 44.1 66.1





#71

Bromoform

Concen: 20.552 ug/l

RT: 12.576 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085331.D

Acq: 27 Dec 2024 17:30

Instrument :

MSVOA_N

ClientSampleId :

VN1227WBSD01

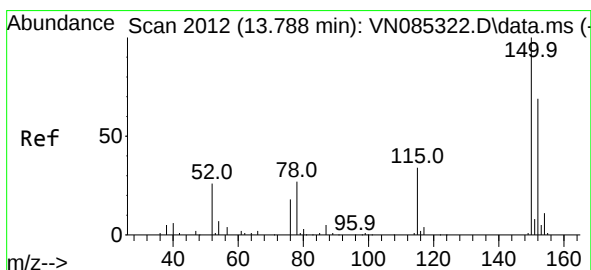
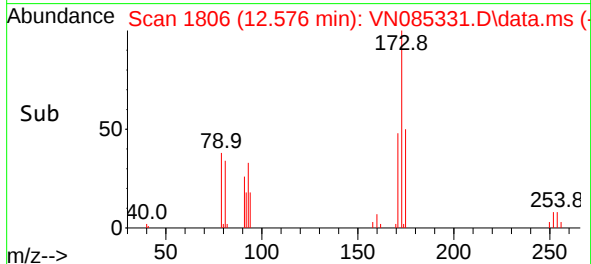
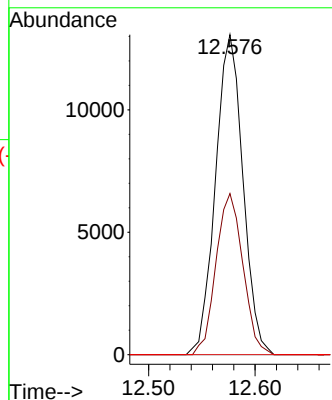
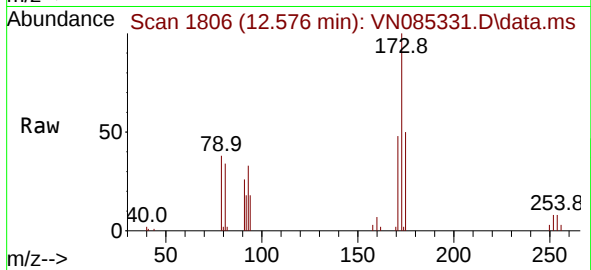
Tgt Ion:173 Resp: 23369

Ion Ratio Lower Upper

173 100

175 49.4 24.4 73.4

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN085331.D

Acq: 27 Dec 2024 17:30

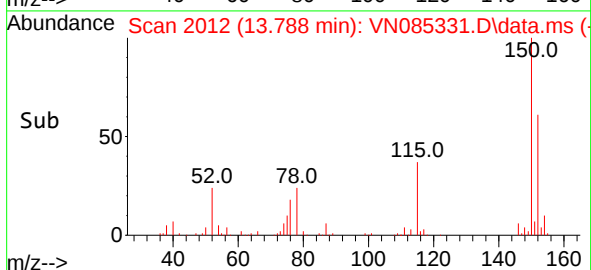
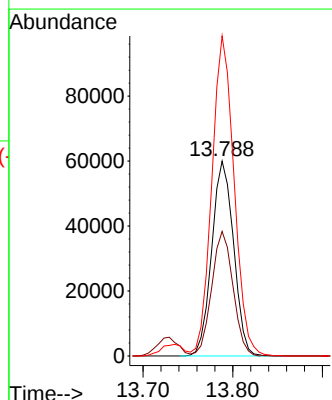
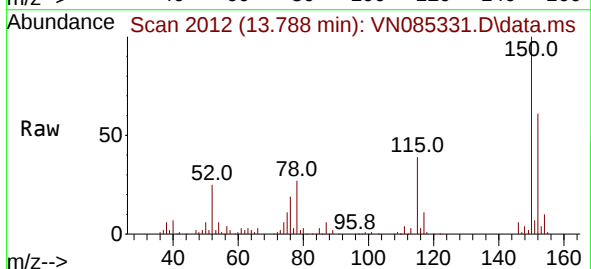
Tgt Ion:152 Resp: 101437

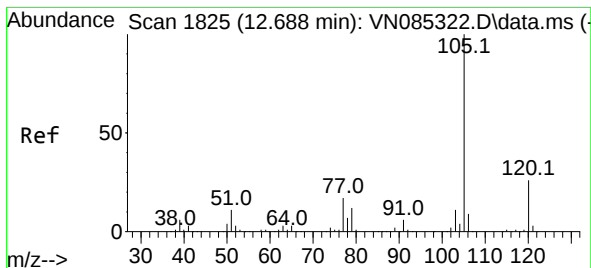
Ion Ratio Lower Upper

152 100

115 62.5 30.4 91.3

150 167.2 0.0 345.0





#73

Isopropylbenzene

Concen: 19.493 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.006 min

Lab File: VN085331.D

Acq: 27 Dec 2024 17:30

Instrument :

MSVOA_N

ClientSampleId :

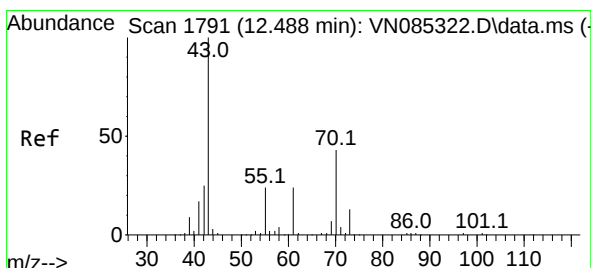
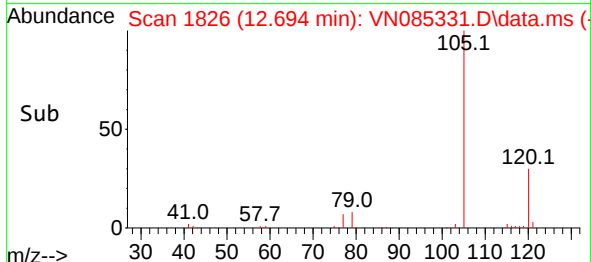
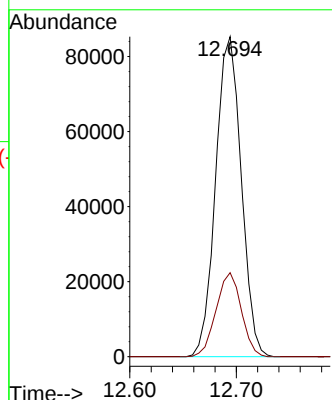
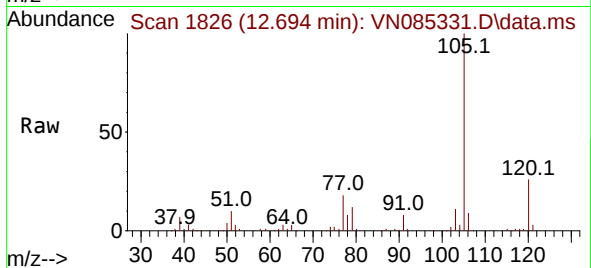
VN1227WBSD01

Tgt Ion:105 Resp: 142191

Ion Ratio Lower Upper

105 100

120 25.8 12.9 38.6



#74

N-ethyl acetate

Concen: 21.434 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VN085331.D

Acq: 27 Dec 2024 17:30

Tgt Ion: 43 Resp: 66923

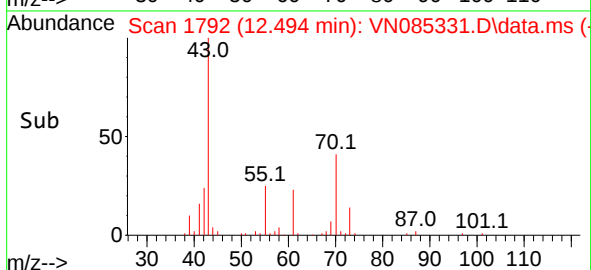
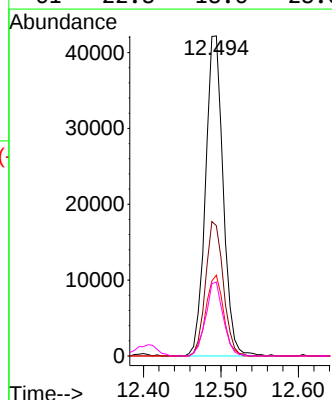
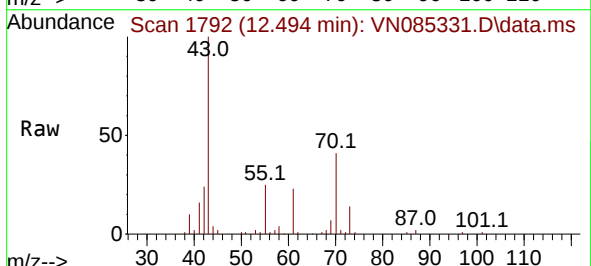
Ion Ratio Lower Upper

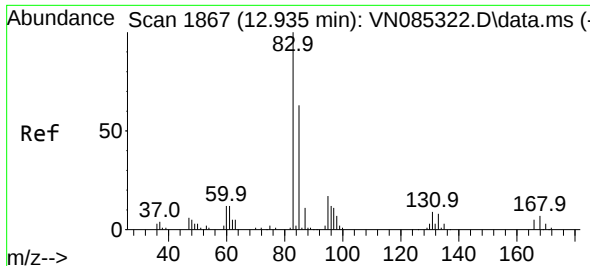
43 100

70 42.1 33.4 50.0

55 25.4 19.2 28.8

61 22.8 18.6 28.0

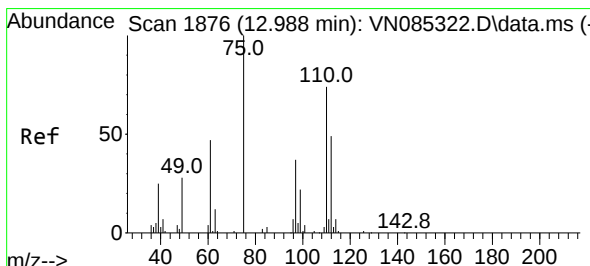
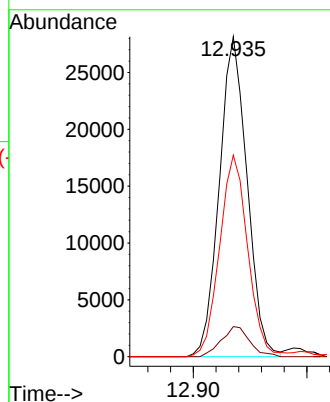
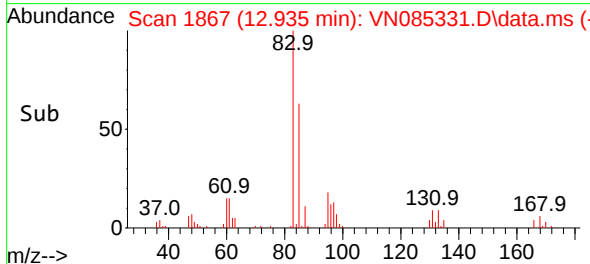
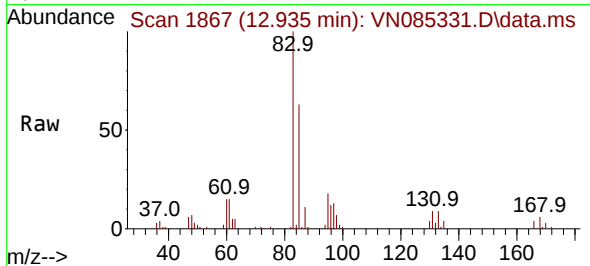




#75
1,1,2,2-Tetrachloroethane
Concen: 20.569 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

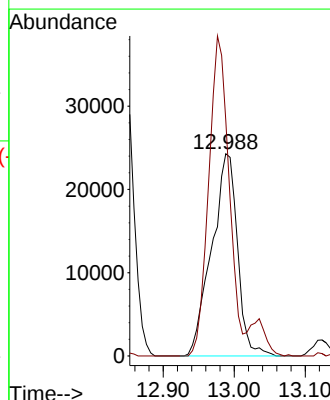
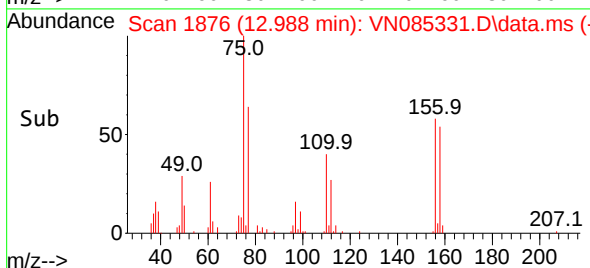
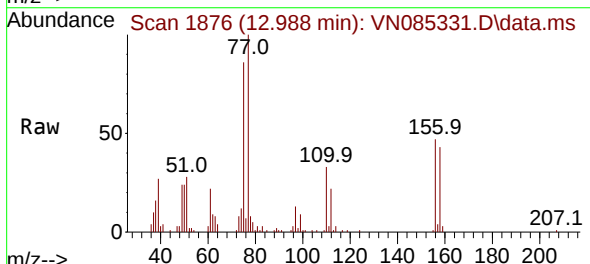
Instrument :
MSVOA_N
ClientSampleId :
VN1227WBSD01

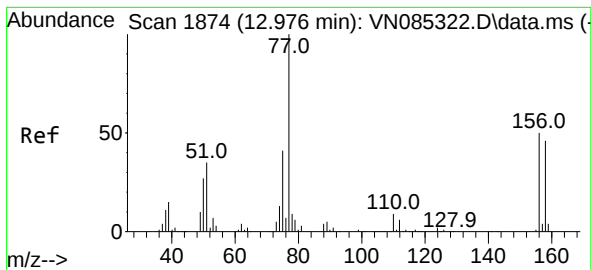
Tgt Ion: 83 Resp: 47785
Ion Ratio Lower Upper
83 100
131 9.6 4.8 14.4
85 63.9 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 32.301 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

Tgt Ion: 75 Resp: 61185
Ion Ratio Lower Upper
75 100
77 125.9 98.1 294.3





#77

Bromobenzene

Concen: 18.850 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. 0.000 min

Lab File: VN085331.D

Acq: 27 Dec 2024 17:30

Instrument :

MSVOA_N

ClientSampleId :

VN1227WBSD01

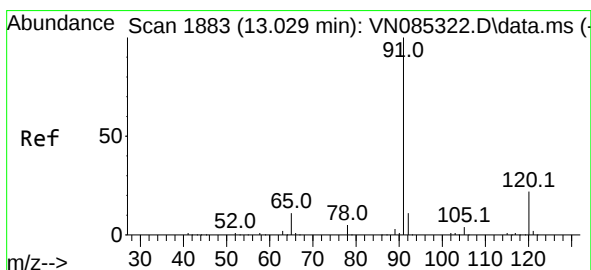
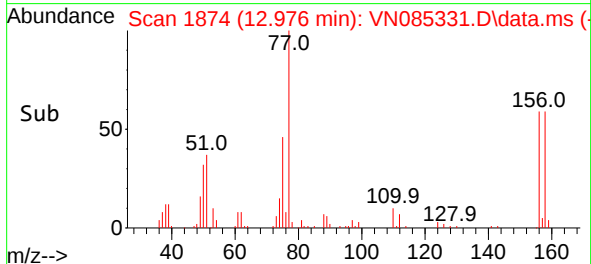
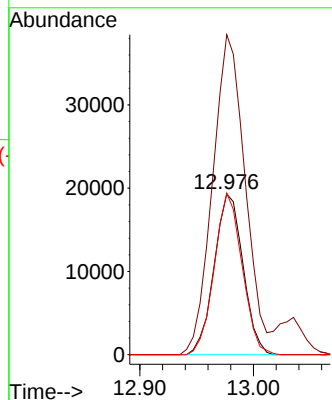
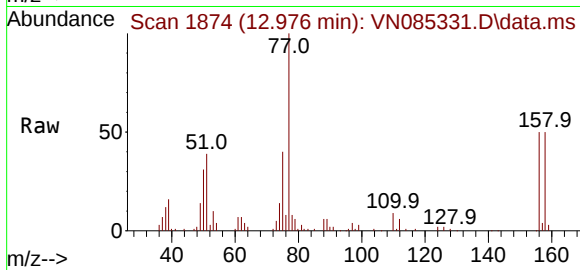
Tgt Ion:156 Resp: 34066

Ion Ratio Lower Upper

156 100

77 226.2 114.0 342.0

158 96.7 47.6 142.8



#78

n-propylbenzene

Concen: 19.828 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.006 min

Lab File: VN085331.D

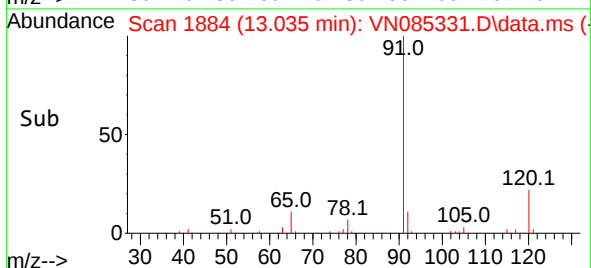
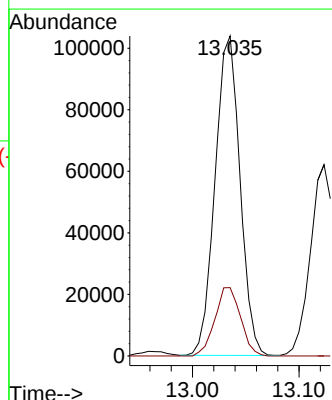
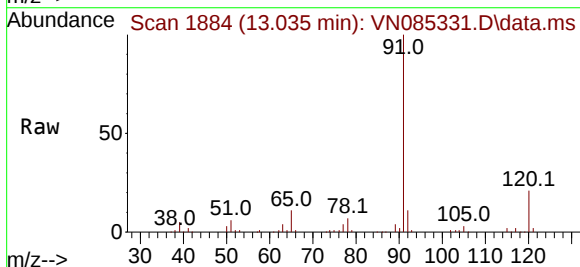
Acq: 27 Dec 2024 17:30

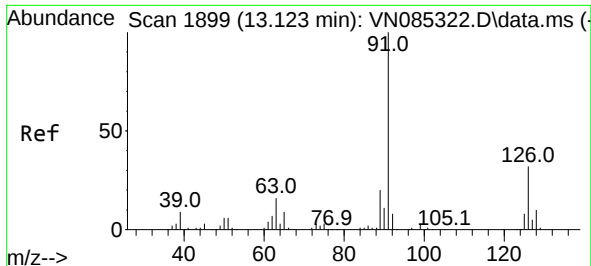
Tgt Ion: 91 Resp: 168593

Ion Ratio Lower Upper

91 100

120 22.0 10.9 32.9

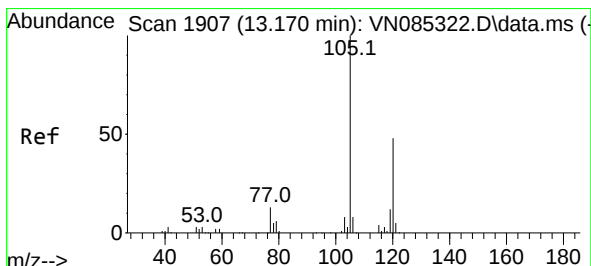
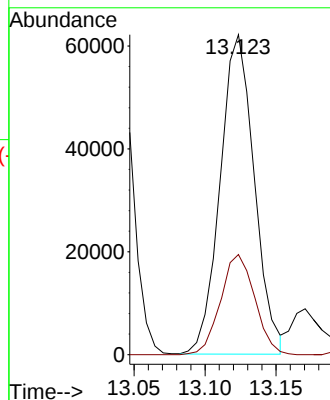
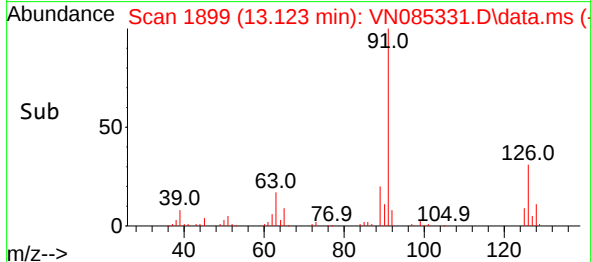
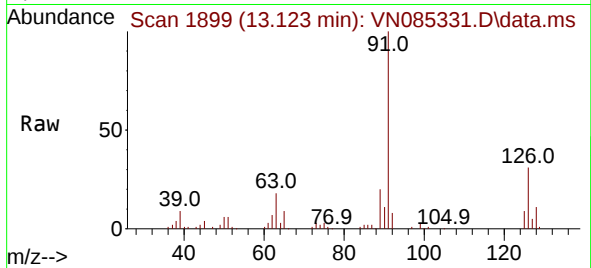




#79
2-Chlorotoluene
Concen: 19.449 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

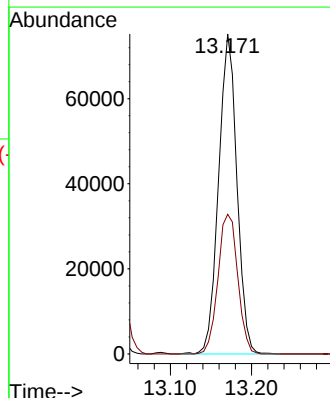
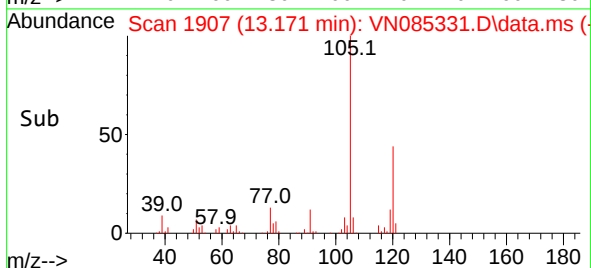
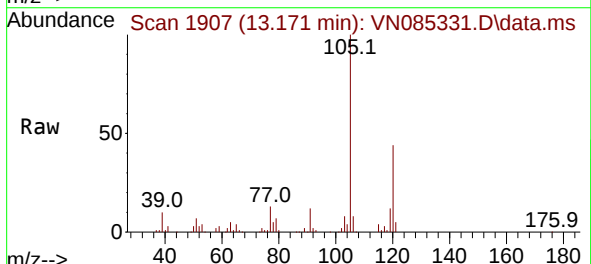
Instrument :
MSVOA_N
ClientSampleId :
VN1227WBSD01

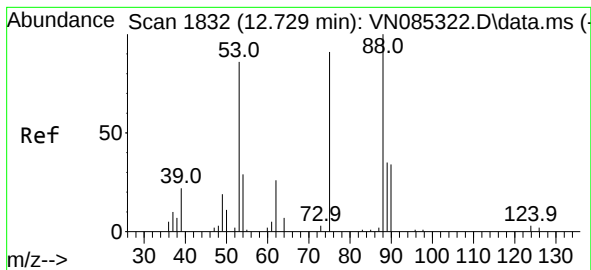
Tgt Ion: 91 Resp: 104075
Ion Ratio Lower Upper
91 100
126 31.3 16.0 48.0



#80
1,3,5-Trimethylbenzene
Concen: 19.994 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

Tgt Ion:105 Resp: 117966
Ion Ratio Lower Upper
105 100
120 47.1 24.0 72.0

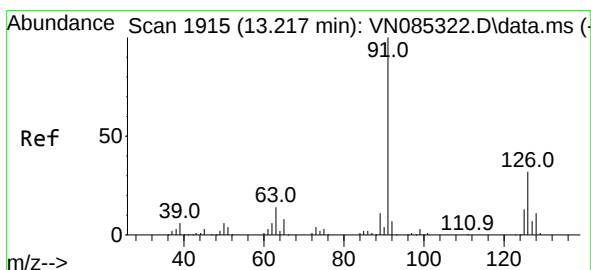
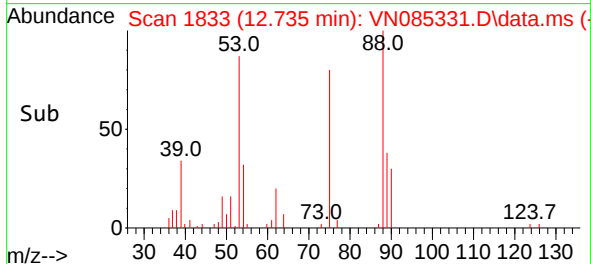
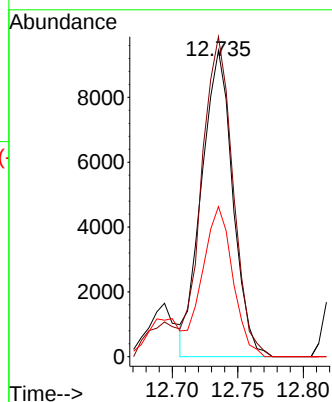
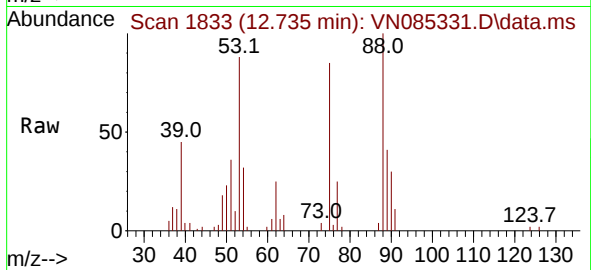




#81
trans-1,4-Dichloro-2-butene
Concen: 19.730 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.006 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

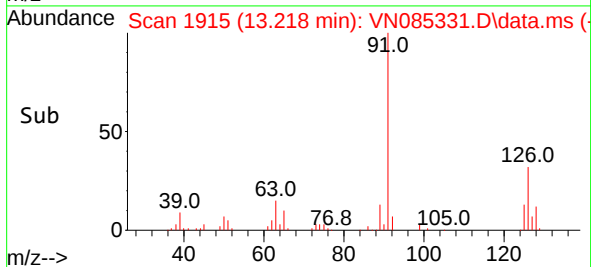
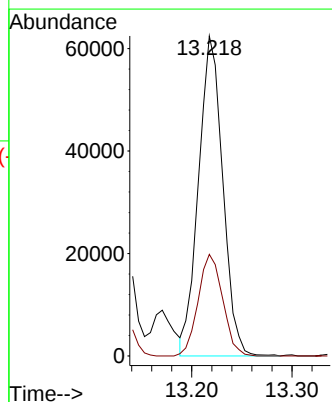
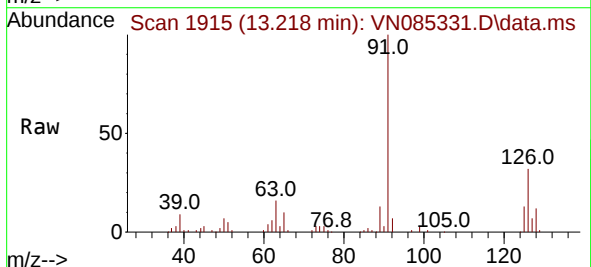
Instrument :
MSVOA_N
ClientSampleId :
VN1227WBSD01

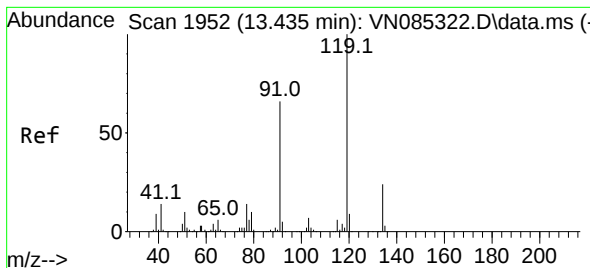
Tgt Ion: 75 Resp: 15606
Ion Ratio Lower Upper
75 100
53 115.8 80.0 120.0
89 48.6 35.8 53.8



#82
4-Chlorotoluene
Concen: 19.496 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

Tgt Ion: 91 Resp: 105071
Ion Ratio Lower Upper
91 100
126 32.1 16.4 49.4





#83

tert-Butylbenzene

Concen: 19.128 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VN085331.D

Acq: 27 Dec 2024 17:30

Instrument :

MSVOA_N

ClientSampleId :

VN1227WBSD01

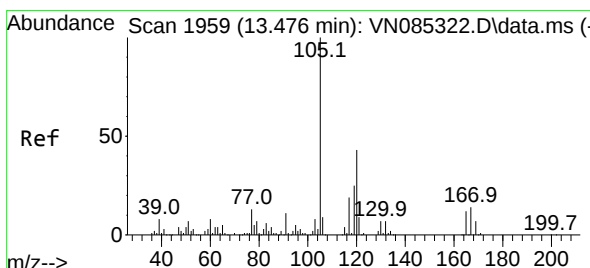
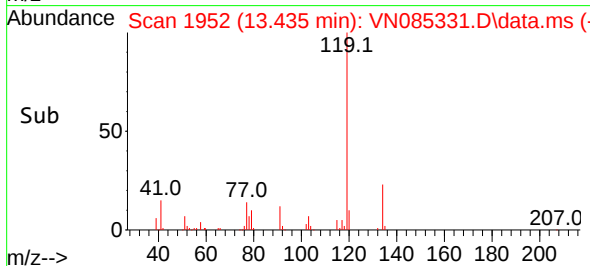
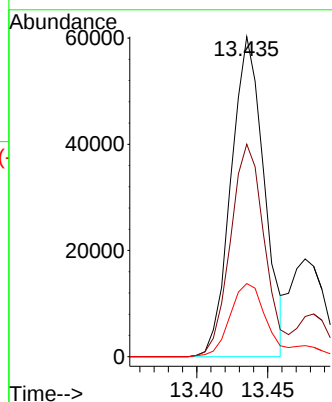
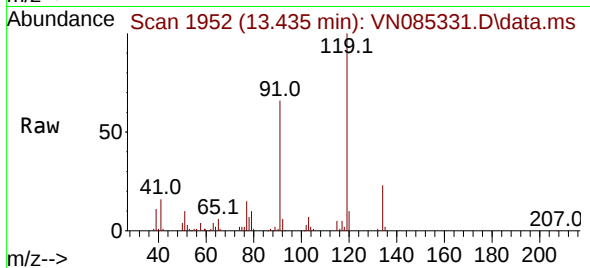
Tgt Ion:119 Resp: 97764

Ion Ratio Lower Upper

119 100

91 68.9 33.6 100.8

134 24.6 13.3 39.8



#84

1,2,4-Trimethylbenzene

Concen: 19.968 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.006 min

Lab File: VN085331.D

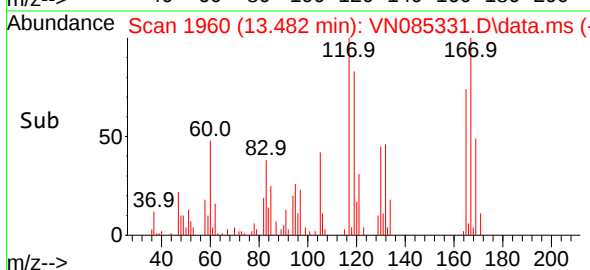
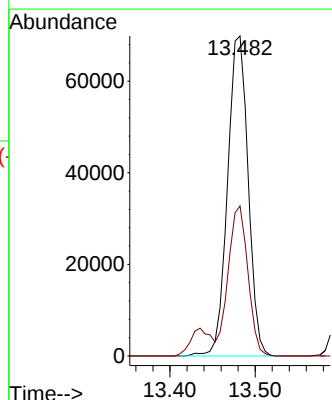
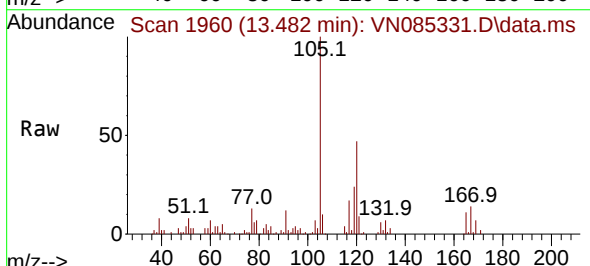
Acq: 27 Dec 2024 17:30

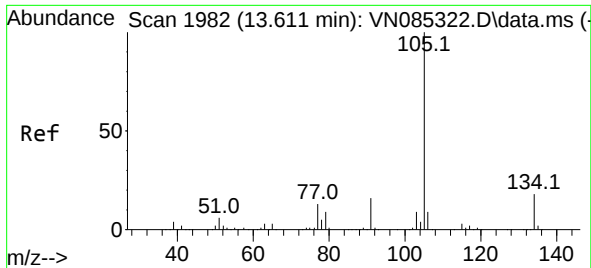
Tgt Ion:105 Resp: 117310

Ion Ratio Lower Upper

105 100

120 45.0 21.7 65.1

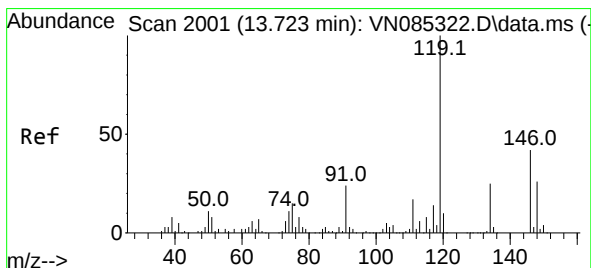
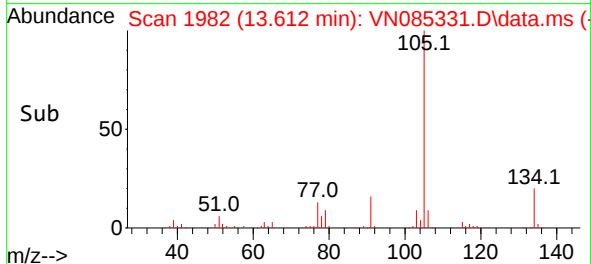
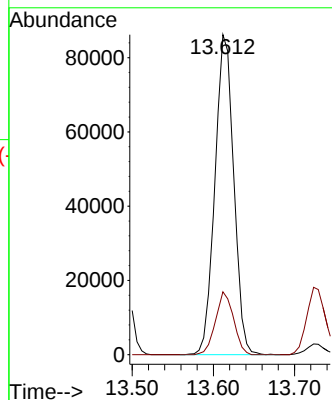
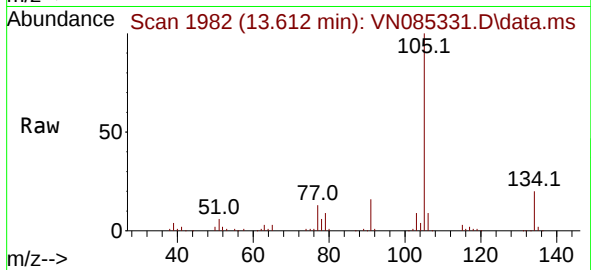




#85
 sec-Butylbenzene
 Concen: 19.588 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VN085331.D
 Acq: 27 Dec 2024 17:30

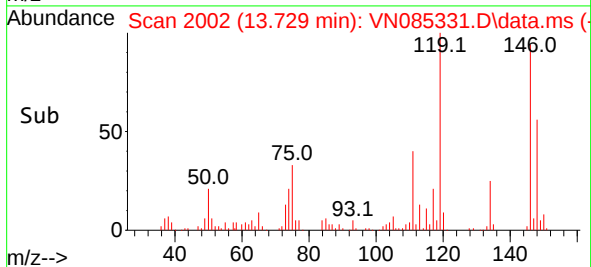
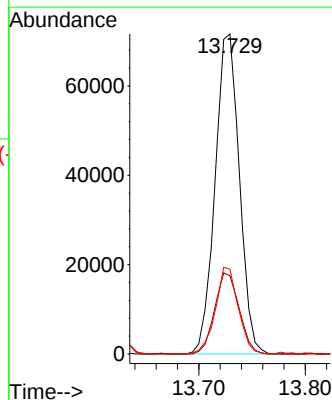
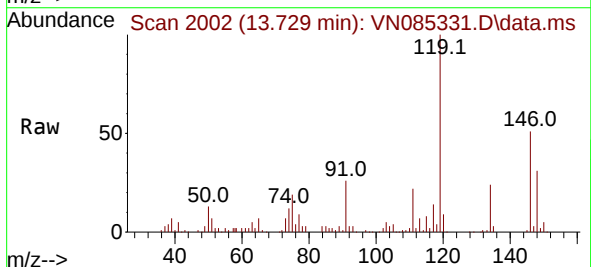
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1227WBSD01

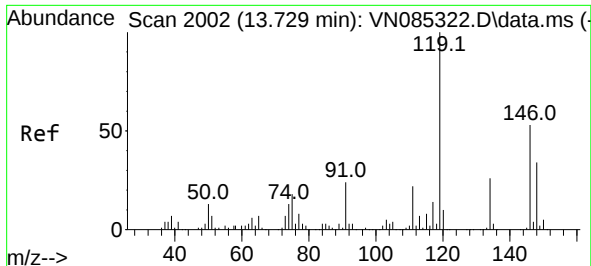
Tgt Ion:105 Resp: 138962
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.4 28.3



#86
 p-Isopropyltoluene
 Concen: 18.647 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.006 min
 Lab File: VN085331.D
 Acq: 27 Dec 2024 17:30

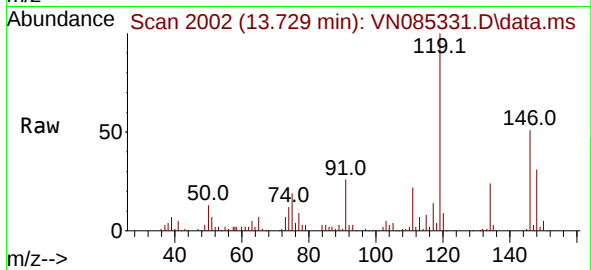
Tgt Ion:119 Resp: 113227
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.5 37.5
 91 25.5 12.2 36.4



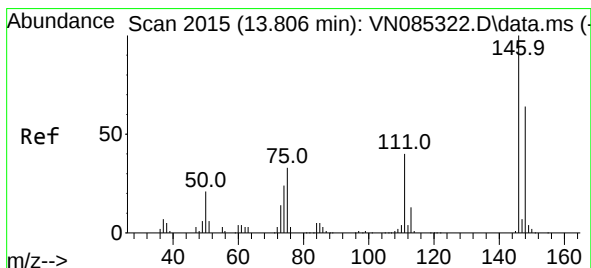
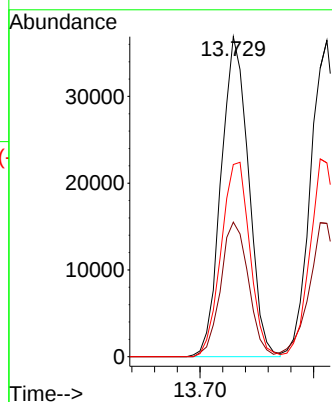
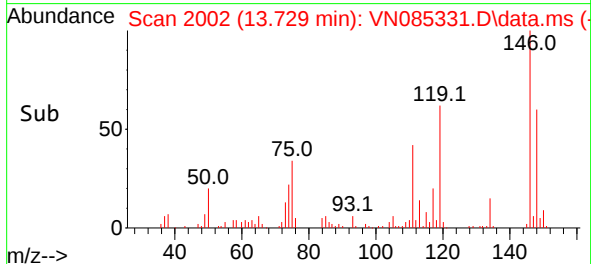


#87
1,3-Dichlorobenzene
Concen: 18.865 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

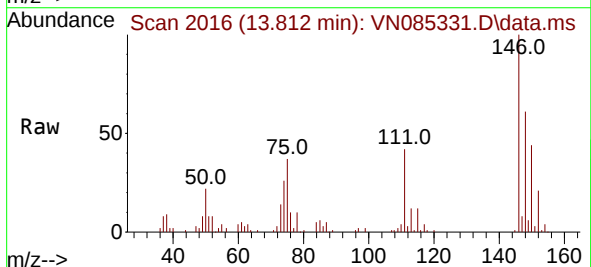
Instrument :
MSVOA_N
ClientSampleId :
VN1227WBSD01



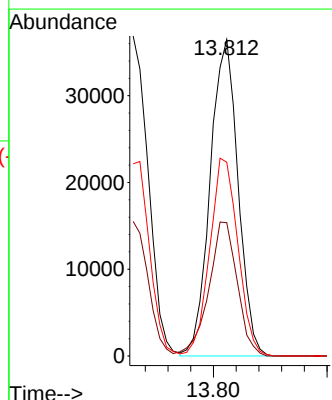
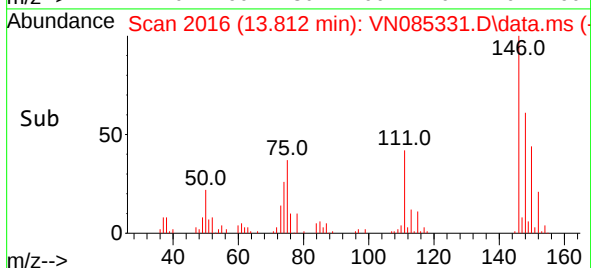
Tgt Ion:146 Resp: 61805
Ion Ratio Lower Upper
146 100
111 42.5 21.3 63.9
148 63.6 31.5 94.5

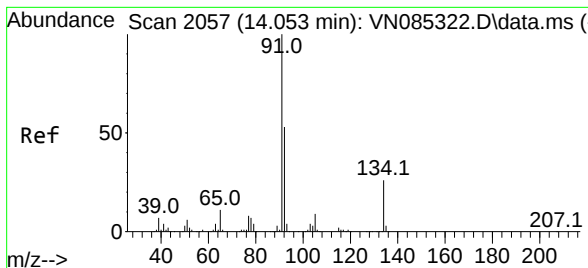


#88
1,4-Dichlorobenzene
Concen: 18.466 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.006 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30



Tgt Ion:146 Resp: 62145
Ion Ratio Lower Upper
146 100
111 43.3 20.8 62.5
148 63.3 31.7 95.1





#89

n-Butylbenzene

Concen: 18.690 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VN085331.D

Acq: 27 Dec 2024 17:30

Instrument :

MSVOA_N

ClientSampleId :

VN1227WBSD01

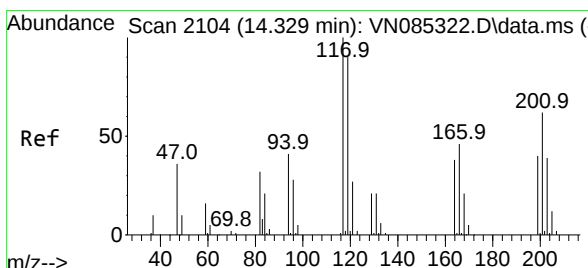
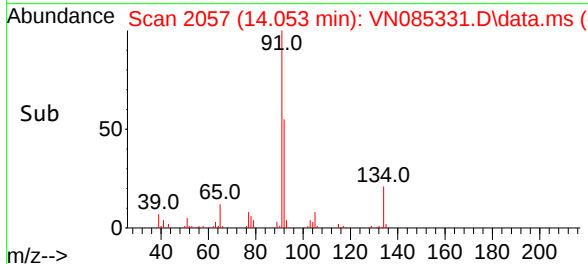
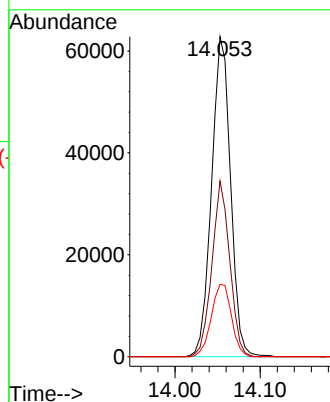
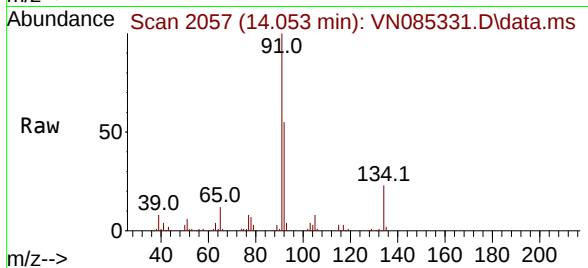
Tgt Ion: 91 Resp: 97095

Ion Ratio Lower Upper

91 100

92 51.6 26.0 78.0

134 24.0 12.1 36.3



#90

Hexachloroethane

Concen: 19.213 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. 0.000 min

Lab File: VN085331.D

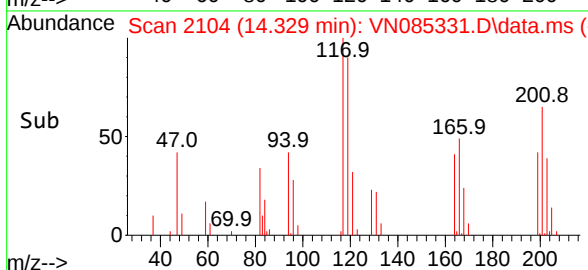
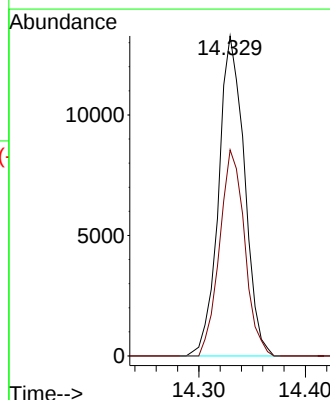
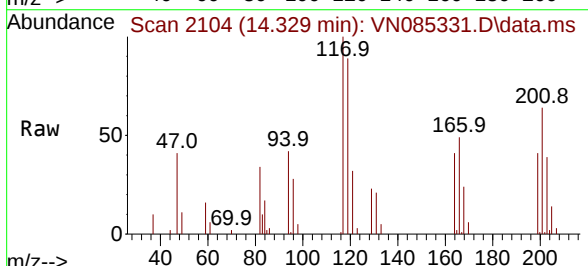
Acq: 27 Dec 2024 17:30

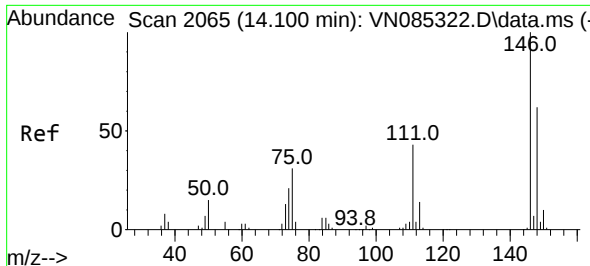
Tgt Ion: 117 Resp: 22343

Ion Ratio Lower Upper

117 100

201 62.6 30.7 92.1

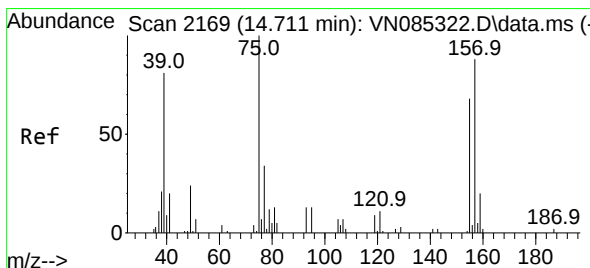
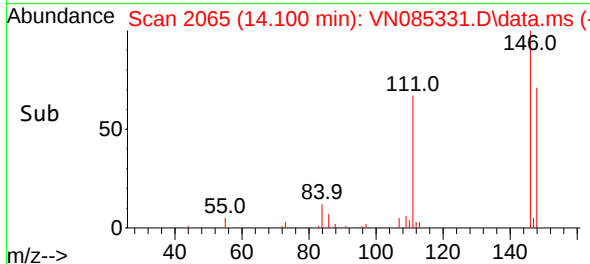
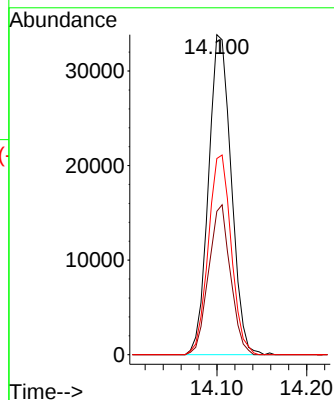
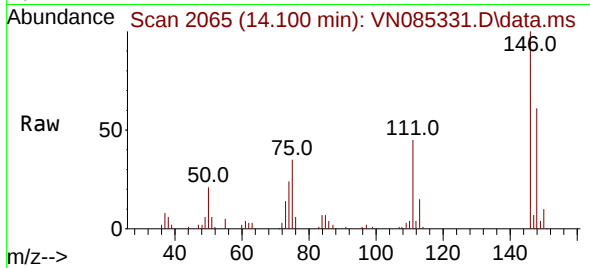




#91
1,2-Dichlorobenzene
Concen: 19.049 ug/l
RT: 14.100 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

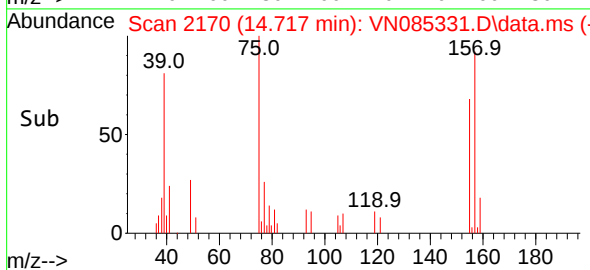
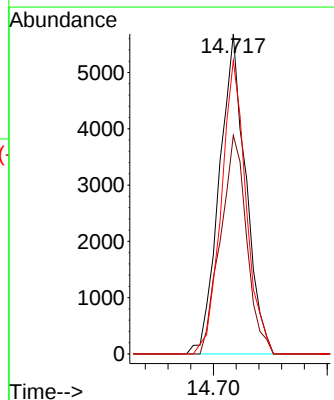
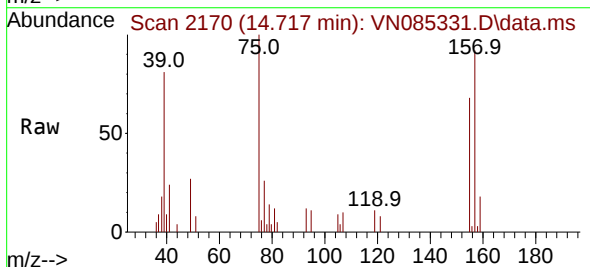
Instrument :
MSVOA_N
ClientSampleId :
VN1227WBSD01

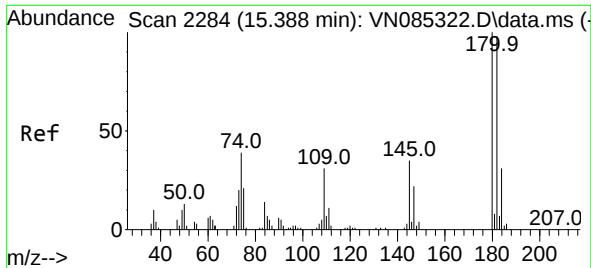
Tgt Ion:146 Resp: 59449
Ion Ratio Lower Upper
146 100
111 45.0 21.8 65.3
148 62.9 31.4 94.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 22.294 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

Tgt Ion: 75 Resp: 9218
Ion Ratio Lower Upper
75 100
155 67.1 35.6 106.9
157 85.9 47.0 141.0

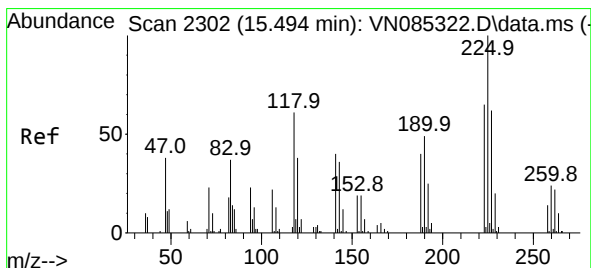
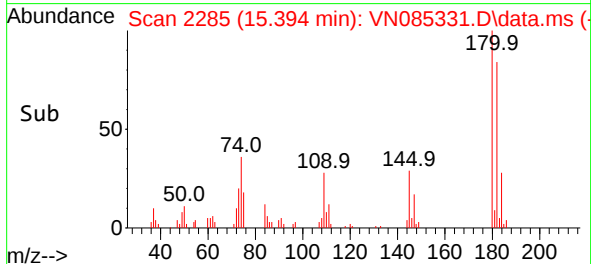
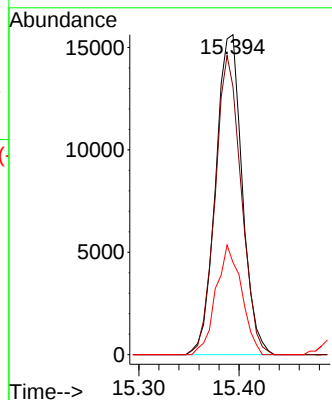
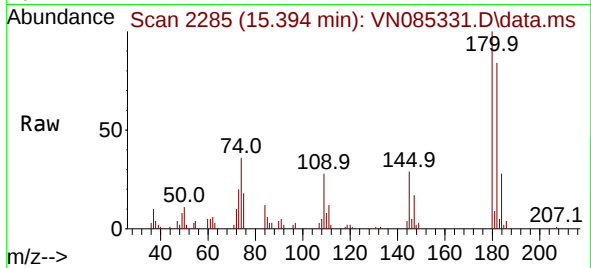




#93
1,2,4-Trichlorobenzene
Concen: 18.366 ug/l
RT: 15.394 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

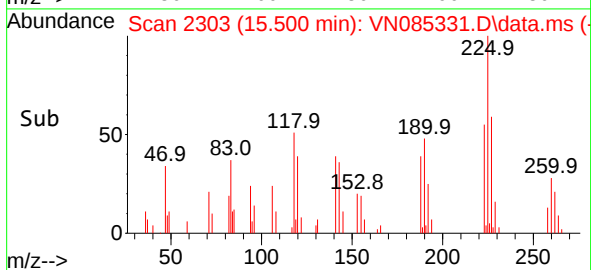
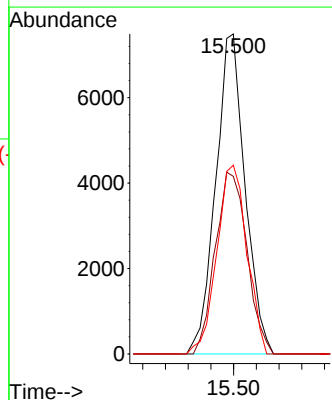
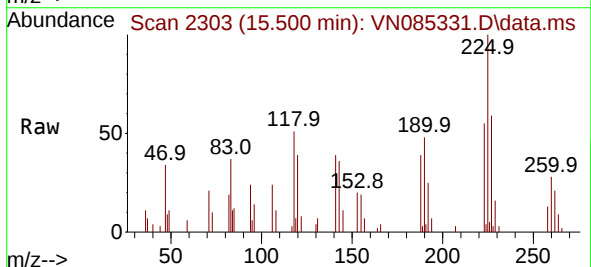
Instrument :
MSVOA_N
ClientSampleId :
VN1227WBSD01

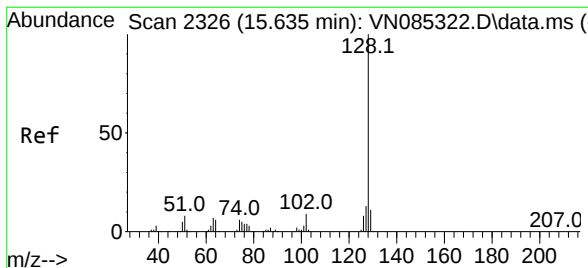
Tgt Ion:180 Resp: 28607
Ion Ratio Lower Upper
180 100
182 92.0 47.2 141.6
145 33.1 16.6 49.8



#94
Hexachlorobutadiene
Concen: 17.379 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.006 min
Lab File: VN085331.D
Acq: 27 Dec 2024 17:30

Tgt Ion:225 Resp: 13450
Ion Ratio Lower Upper
225 100
223 61.3 31.6 94.7
227 60.3 30.3 91.0





#95

Naphthalene

Concen: 17.429 ug/l

RT: 15.641 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN085331.D

Acq: 27 Dec 2024 17:30

Instrument :

MSVOA_N

ClientSampleId :

VN1227WBSD01

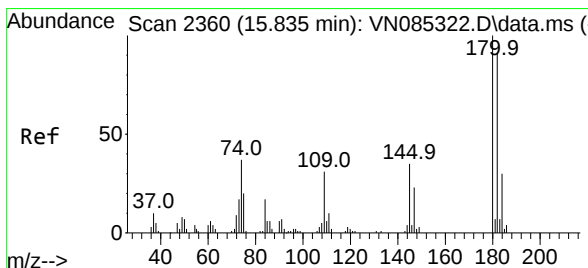
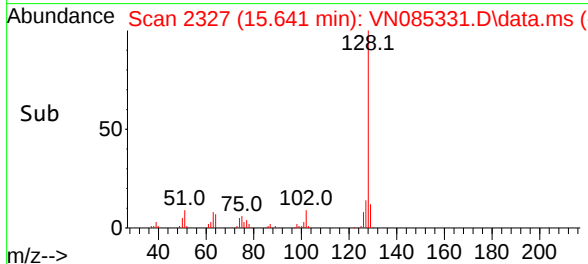
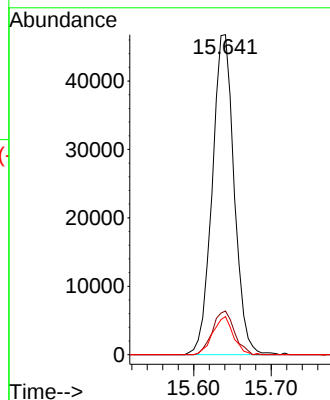
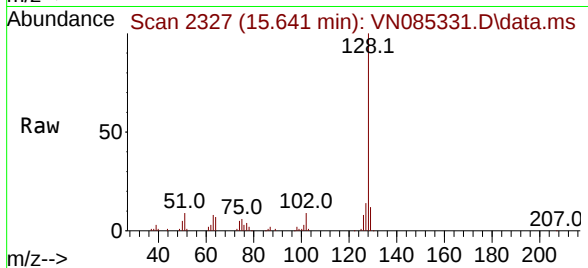
Tgt Ion:128 Resp: 92054

Ion Ratio Lower Upper

128 100

127 13.7 10.6 16.0

129 11.1 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 17.641 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN085331.D

Acq: 27 Dec 2024 17:30

Tgt Ion:180 Resp: 27454

Ion Ratio Lower Upper

180 100

182 93.7 46.8 140.4

145 36.5 17.2 51.6

