

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121724\
 Data File : VN085242.D
 Acq On : 17 Dec 2024 22:24
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 18 00:45:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 23 02:54:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	145961	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	248732	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	215175	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	104518	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	104149	50.093	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.180%	
35) Dibromofluoromethane	8.165	113	85086	50.726	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.460%	
50) Toluene-d8	10.565	98	291564	48.503	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 97.000%	
62) 4-Bromofluorobenzene	12.847	95	112984	50.259	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 100.520%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	104247	63.163	ug/l	99
3) Chloromethane	2.360	50	93395	48.789	ug/l	92
4) Vinyl Chloride	2.507	62	103760	60.316	ug/l	97
5) Bromomethane	2.936	94	61851	64.147	ug/l	97
6) Chloroethane	3.112	64	61860	53.349	ug/l	99
7) Trichlorofluoromethane	3.489	101	164475	56.204	ug/l	98
8) Diethyl Ether	3.959	74	56912	57.139	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.365	101	81066	48.842	ug/l	99
10) Methyl Iodide	4.583	142	114866	52.284	ug/l	92
11) Tert butyl alcohol	5.530	59	101764	366.276	ug/l	97
12) 1,1-Dichloroethene	4.342	96	87822	56.688	ug/l	96
13) Acrolein	4.171	56	52649	283.990	ug/l	97
14) Allyl chloride	5.018	41	139356	53.359	ug/l	99
15) Acrylonitrile	5.718	53	237801	302.318	ug/l	100
16) Acetone	4.430	43	192266	317.524	ug/l	96
17) Carbon Disulfide	4.706	76	258918	56.622	ug/l	98
18) Methyl Acetate	5.024	43	114388	59.318	ug/l	100
19) Methyl tert-butyl Ether	5.795	73	297911	58.855	ug/l	99
20) Methylene Chloride	5.271	84	95775	51.834	ug/l	98
21) trans-1,2-Dichloroethene	5.783	96	90012	55.212	ug/l	92
22) Diisopropyl ether	6.671	45	285343	54.285	ug/l	99
23) Vinyl Acetate	6.600	43	1094478	301.818	ug/l	97
24) 1,1-Dichloroethane	6.565	63	167434	53.229	ug/l	98
25) 2-Butanone	7.483	43	305343	308.437	ug/l	94
26) 2,2-Dichloropropane	7.489	77	125415	42.698	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	103439	52.630	ug/l	97
28) Bromochloromethane	7.812	49	53428	44.996	ug/l	96
29) Tetrahydrofuran	7.836	42	201755	327.721	ug/l	98
30) Chloroform	7.965	83	174313	52.095	ug/l	100
31) Cyclohexane	8.259	56	135463	48.912	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	164572	54.428	ug/l	99
36) 1,1-Dichloropropene	8.371	75	123161	54.209	ug/l	100
37) Ethyl Acetate	7.559	43	126905	61.441	ug/l	99
38) Carbon Tetrachloride	8.359	117	145914	55.639	ug/l	97
39) Methylcyclohexane	9.600	83	122834	52.028	ug/l	94
40) Benzene	8.606	78	380627	52.969	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	69255	60.559	ug/l	99
42) 1,2-Dichloroethane	8.671	62	131766	53.600	ug/l	100
43) Isopropyl Acetate	8.688	43	225099	52.467	ug/l	99
44) Trichloroethene	9.353	130	89319	53.486	ug/l	94
45) 1,2-Dichloropropane	9.618	63	89711	50.687	ug/l	100
46) Dibromomethane	9.706	93	66050	53.707	ug/l	98
47) Bromodichloromethane	9.888	83	142279	54.586	ug/l	100
48) Methyl methacrylate	9.677	41	101458	63.549	ug/l	97
49) 1,4-Dioxane	9.694	88	37253	1345.517	ug/l #	94
51) 4-Methyl-2-Pentanone	10.441	43	632657	322.845	ug/l	99
52) Toluene	10.630	92	238098	55.970	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	140967	53.944	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	148612	53.606	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	86865	54.821	ug/l	97
56) Ethyl methacrylate	10.871	69	150257	64.895	ug/l	98
57) 1,3-Dichloropropane	11.165	76	151808	54.436	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	328005	288.798	ug/l	99
59) 2-Hexanone	11.194	43	470178	320.806	ug/l	100
60) Dibromochloromethane	11.359	129	107676	55.603	ug/l	99
61) 1,2-Dibromoethane	11.471	107	91286	55.667	ug/l	100
64) Tetrachloroethene	11.106	164	75712	52.218	ug/l	97
65) Chlorobenzene	11.888	112	250980	51.431	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	93469	54.401	ug/l	98
67) Ethyl Benzene	11.965	91	454395	57.394	ug/l	97
68) m/p-Xylenes	12.071	106	348708	115.689	ug/l	99
69) o-Xylene	12.400	106	167013	58.249	ug/l	100
70) Styrene	12.412	104	282368	59.220	ug/l	99
71) Bromoform	12.576	173	74690	58.564	ug/l #	97
73) Isopropylbenzene	12.694	105	429465	58.245	ug/l	99
74) N-amyl acetate	12.494	43	185175	60.945	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	130051	51.652	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	163189	85.839	ug/l	48
77) Bromobenzene	12.976	156	102762	51.789	ug/l	99
78) n-propylbenzene	13.035	91	484348	56.952	ug/l	100
79) 2-Chlorotoluene	13.124	91	301742	53.150	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	361323	58.398	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	41112	47.739	ug/l	97
82) 4-Chlorotoluene	13.218	91	310209	52.489	ug/l	99
83) tert-Butylbenzene	13.435	119	309630	58.162	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	362903	56.981	ug/l	100
85) sec-Butylbenzene	13.612	105	405194	56.344	ug/l	100
86) p-Isopropyltoluene	13.729	119	344109	57.965	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	187043	47.791	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	185185	46.366	ug/l	98
89) n-Butylbenzene	14.053	91	276686	50.118	ug/l	99
90) Hexachloroethane	14.335	117	67172	51.910	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	180795	48.208	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.718	75	27563	56.612	ug/l	95
93) 1,2,4-Trichlorobenzene	15.388	180	94140	46.205	ug/l	99
94) Hexachlorobutadiene	15.500	225	41634	44.277	ug/l	99
95) Naphthalene	15.641	128	332045	57.220	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	92248	47.451	ug/l	97

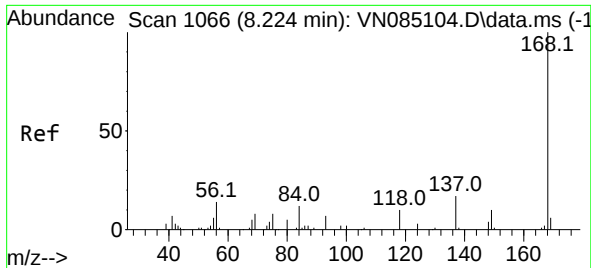
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Response via : Initial Calibration

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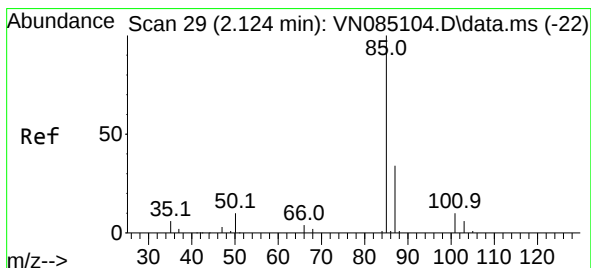
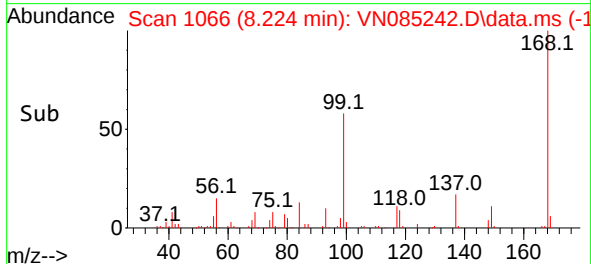
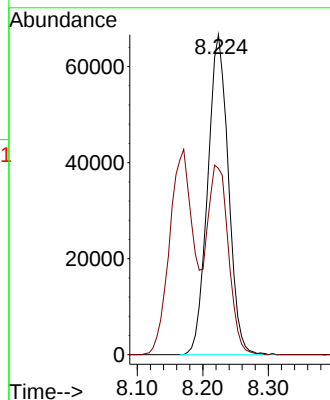
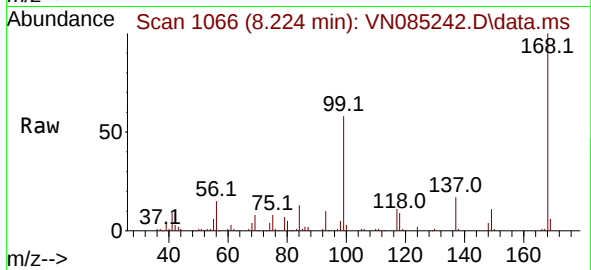
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085242.D
Acq: 17 Dec 2024 22:24

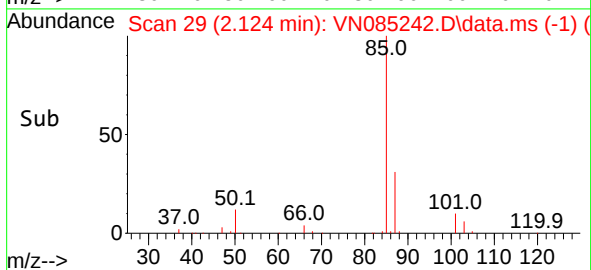
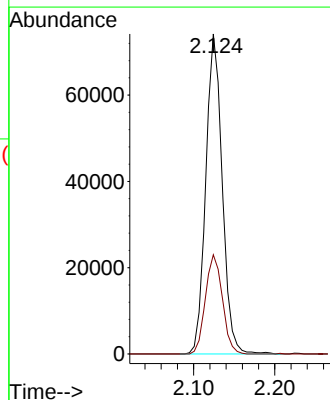
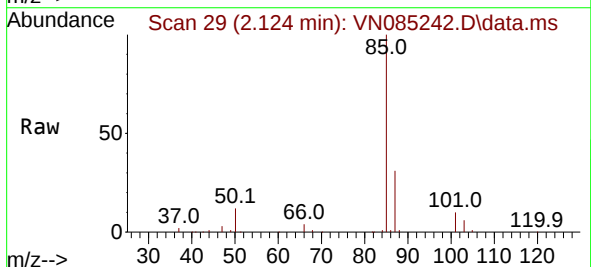
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MSVOA_N
ClientSampleId :

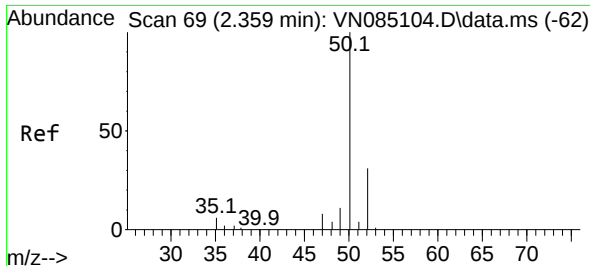
Tgt Ion:168 Resp: 145961
Ion Ratio Lower Upper
168 100
99 58.2 51.2 76.8



#2
Dichlorodifluoromethane
Concen: 63.163 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.006 min
Lab File: VN085242.D
Acq: 17 Dec 2024 22:24

Tgt Ion: 85 Resp: 104247
Ion Ratio Lower Upper
85 100
87 31.0 15.7 47.1

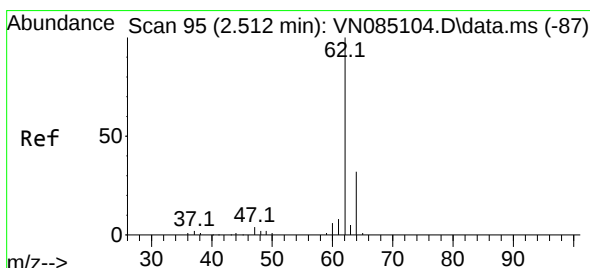
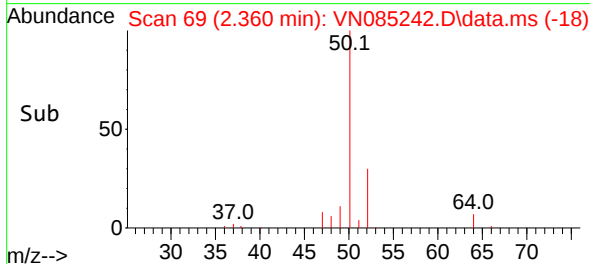
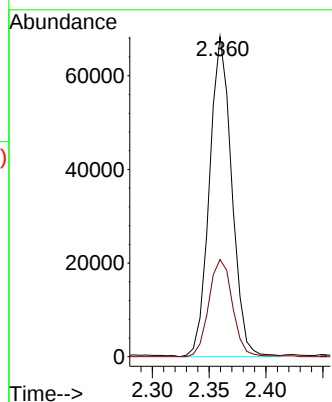
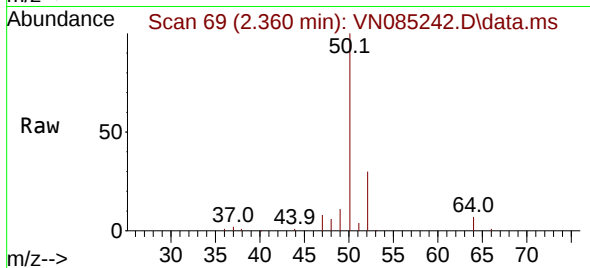




#3
Chloromethane
Concen: 48.789 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085242.D
Acq: 17 Dec 2024 22:24

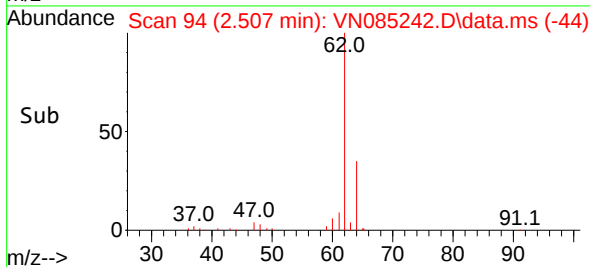
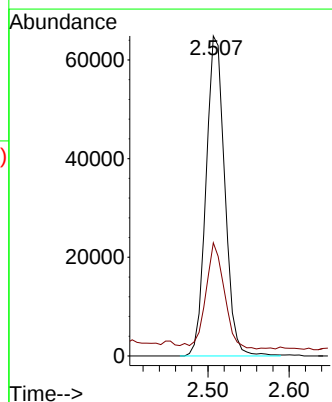
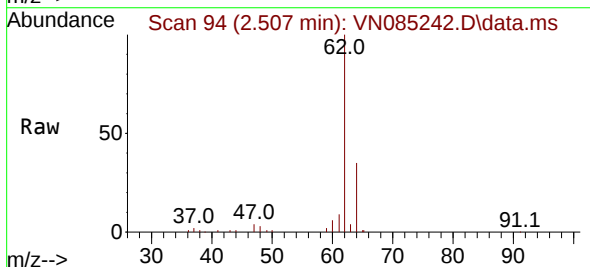
Instrument :
MSVOA_N
ClientSampleId :

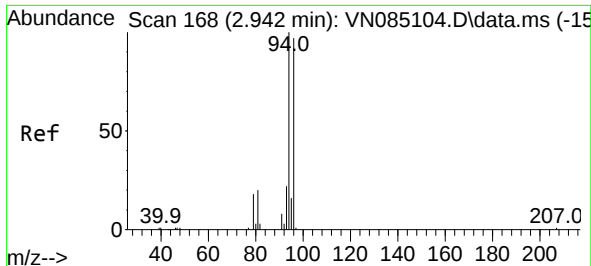
Tgt Ion: 50 Resp: 93395
Ion Ratio Lower Upper
50 100
52 30.3 27.8 41.8



#4
Vinyl Chloride
Concen: 60.316 ug/l
RT: 2.507 min Scan# 94
Delta R.T. -0.006 min
Lab File: VN085242.D
Acq: 17 Dec 2024 22:24

Tgt Ion: 62 Resp: 103760
Ion Ratio Lower Upper
62 100
64 32.5 24.6 36.8

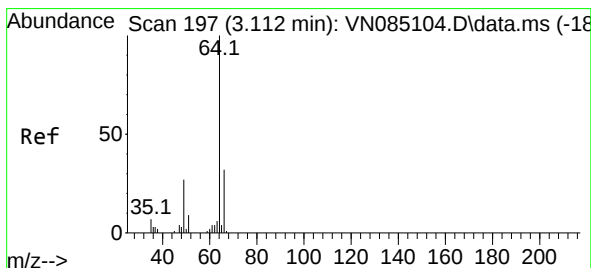
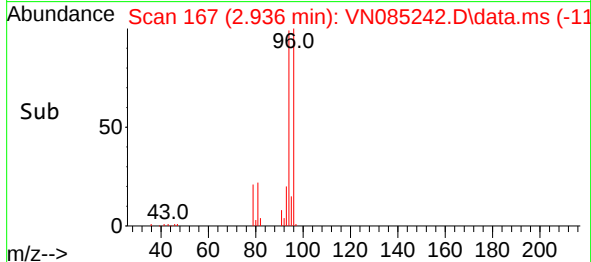
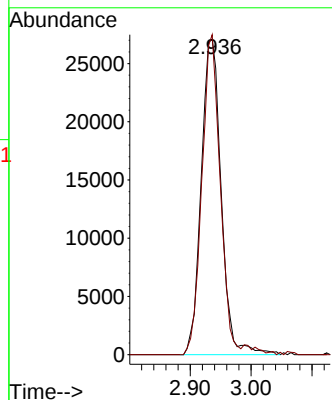
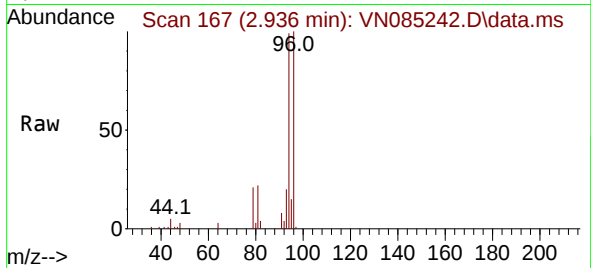




#5
Bromomethane
Concen: 64.147 ug/l
RT: 2.936 min Scan# 1
Delta R.T. 0.035 min
Lab File: VN085242.D
Acq: 17 Dec 2024 22:24

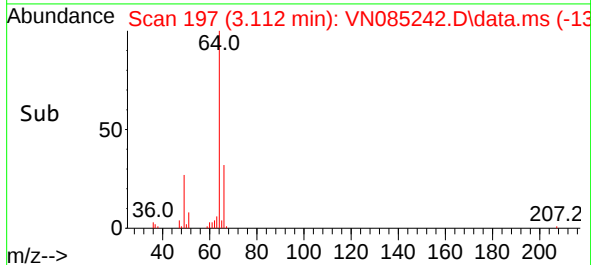
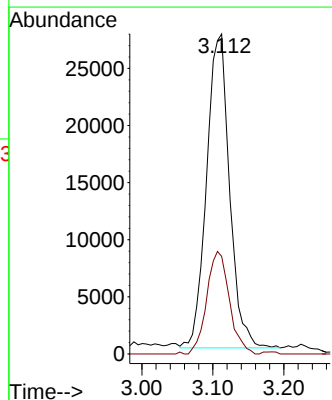
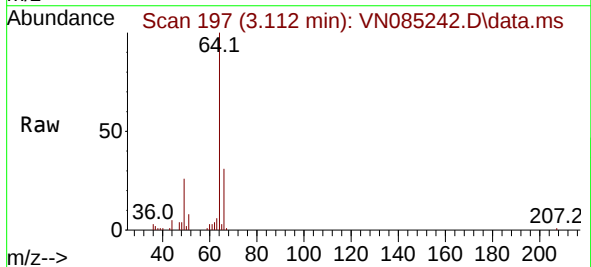
Instrument :
MSVOA_N
ClientSampleId :

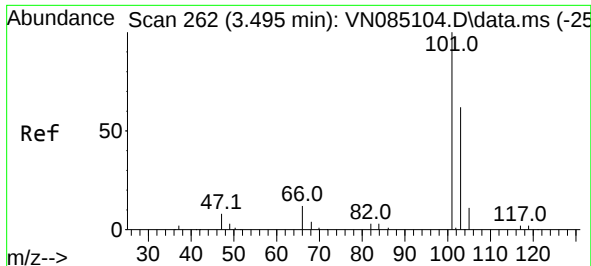
Tgt Ion: 94 Resp: 61851
Ion Ratio Lower Upper
94 100
96 101.4 78.7 118.1



#6
Chloroethane
Concen: 53.349 ug/l
RT: 3.112 min Scan# 197
Delta R.T. 0.047 min
Lab File: VN085242.D
Acq: 17 Dec 2024 22:24

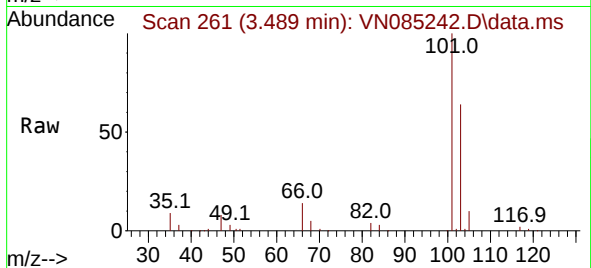
Tgt Ion: 64 Resp: 61860
Ion Ratio Lower Upper
64 100
66 31.1 24.4 36.6



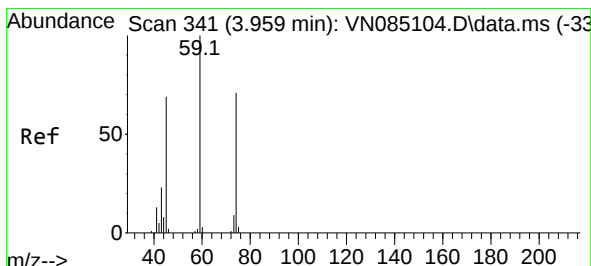
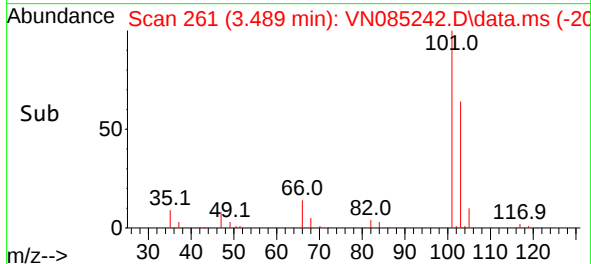
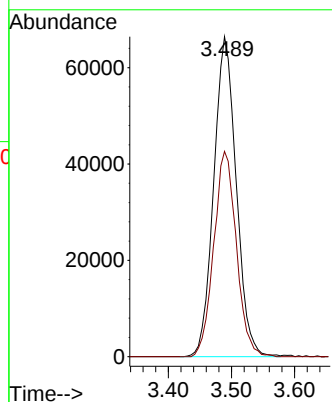


#7
Trichlorofluoromethane
Concen: 56.204 ug/l
RT: 3.489 min Scan# 262
Delta R.T. 0.029 min
Lab File: VN085242.D
Acq: 17 Dec 2024 22:24

Instrument :
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ClientSampleId :

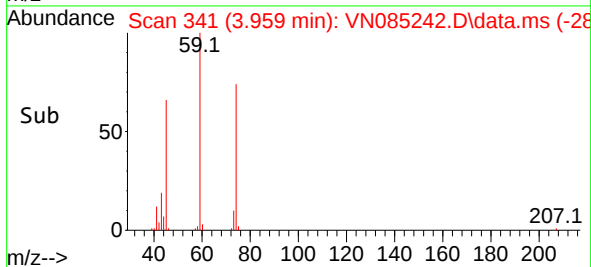
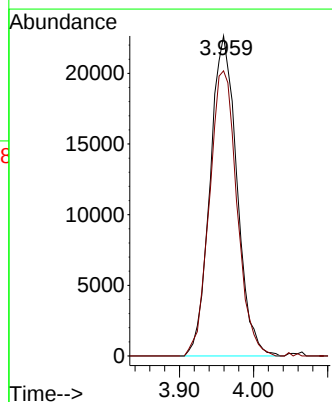
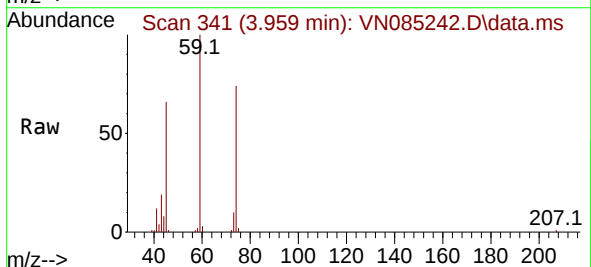


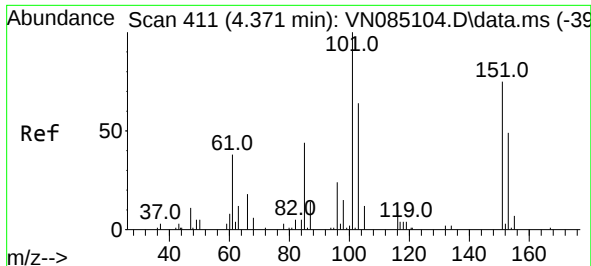
Tgt Ion:101 Resp: 164475
Ion Ratio Lower Upper
101 100
103 64.1 52.6 78.8



#8
Diethyl Ether
Concen: 57.139 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.012 min
Lab File: VN085242.D
Acq: 17 Dec 2024 22:24

Tgt Ion: 74 Resp: 56912
Ion Ratio Lower Upper
74 100
45 91.6 46.7 140.1

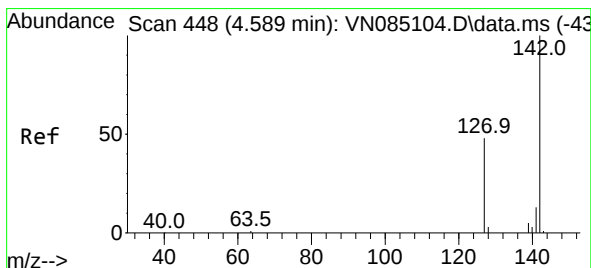
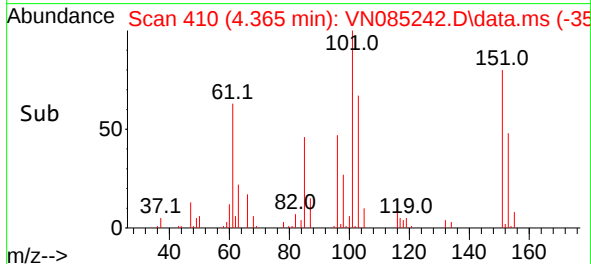
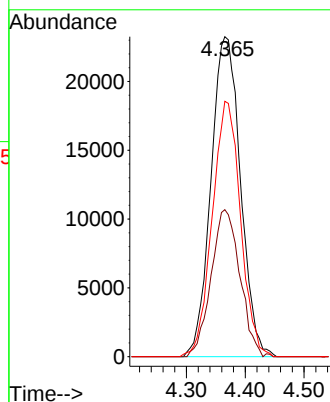
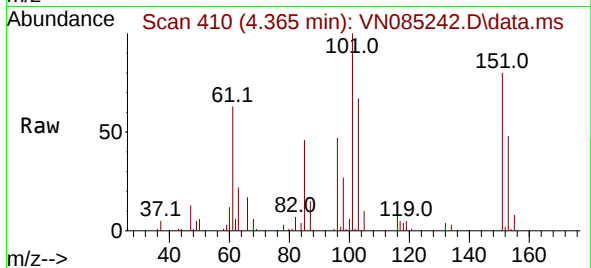




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.842 ug/l
RT: 4.365 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN085242.D
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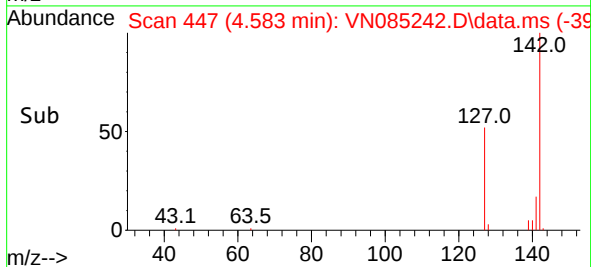
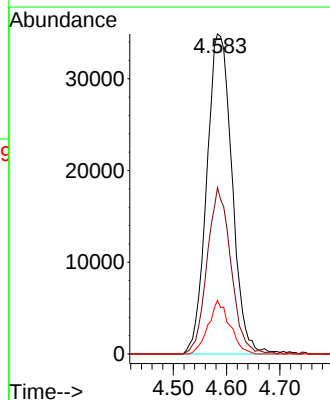
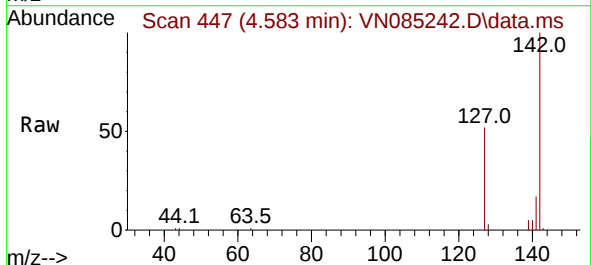
Instrument :
MSVOA_N
ClientSampleId :

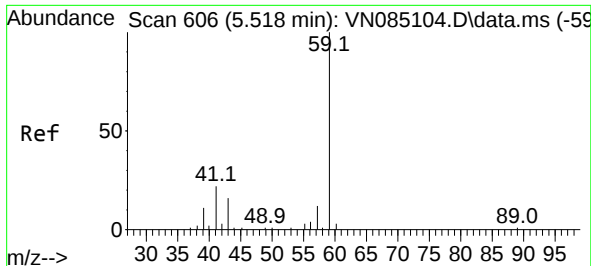
Tgt Ion:101 Resp: 81066
Ion Ratio Lower Upper
101 100
85 44.9 36.9 55.3
151 76.3 60.8 91.2



#10
Methyl Iodide
Concen: 52.284 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.012 min
Lab File: VN085242.D
Acq: 17 Dec 2024 22:24

Tgt Ion:142 Resp: 114866
Ion Ratio Lower Upper
142 100
127 52.0 36.6 54.8
141 16.8 12.2 18.4

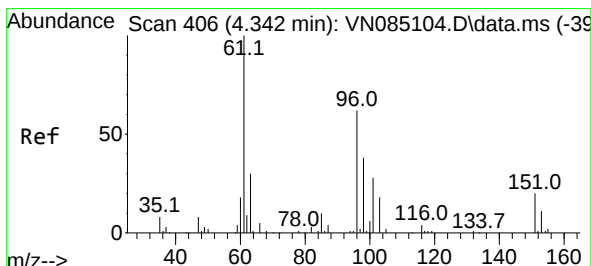
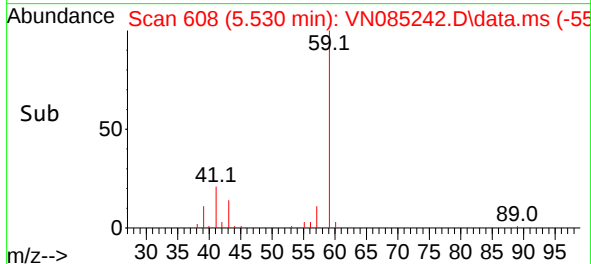
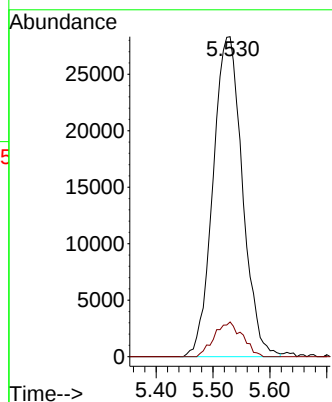
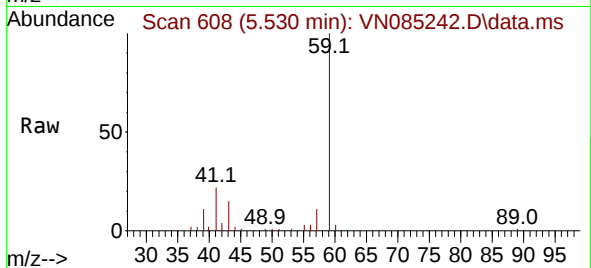




#11
Tert butyl alcohol
Concen: 366.276 ug/l
RT: 5.530 min Scan# 606
Delta R.T. -0.012 min
Lab File: VN085242.D
Acq: 17 Dec 2024 22:24

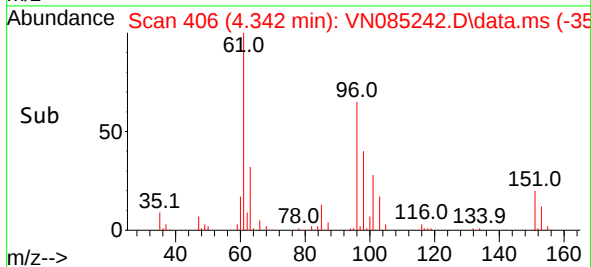
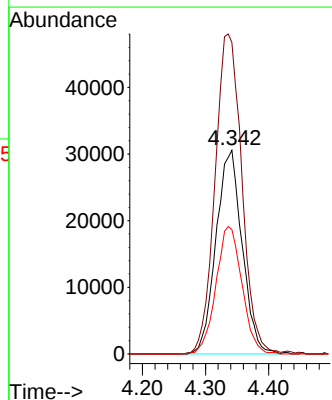
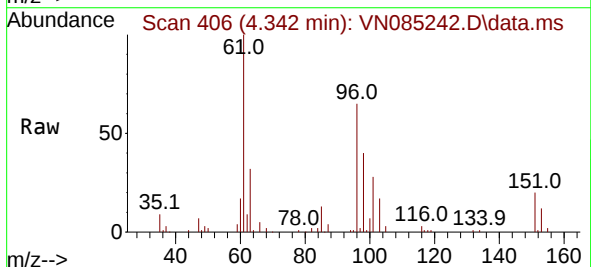
Instrument :
MSVOA_N
ClientSampleId :

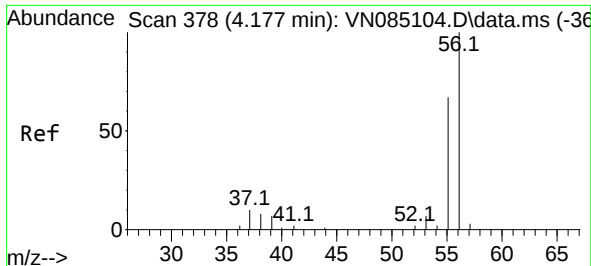
Tgt Ion: 59 Resp: 101764
Ion Ratio Lower Upper
59 100
57 10.4 7.4 11.0



#12
1,1-Dichloroethene
Concen: 56.688 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.024 min
Lab File: VN085242.D
Acq: 17 Dec 2024 22:24

Tgt Ion: 96 Resp: 87822
Ion Ratio Lower Upper
96 100
61 153.0 127.8 191.8
98 61.1 49.2 73.8

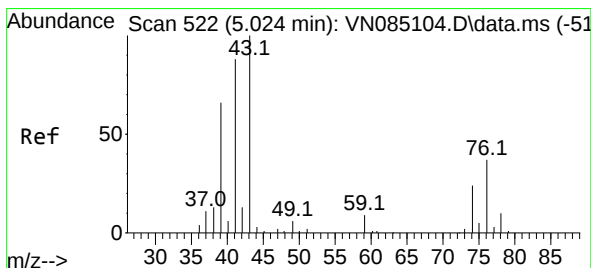
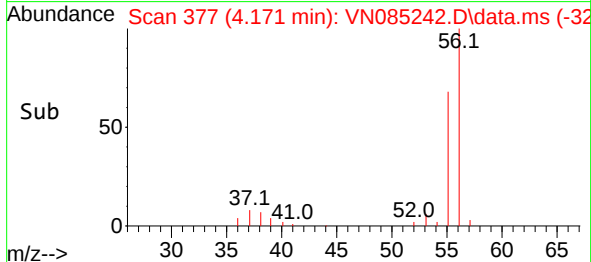
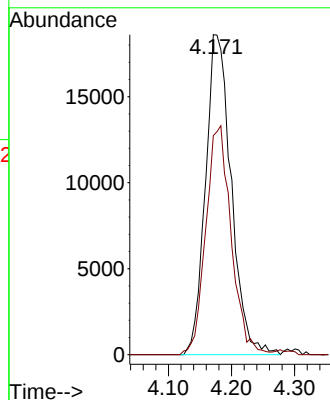
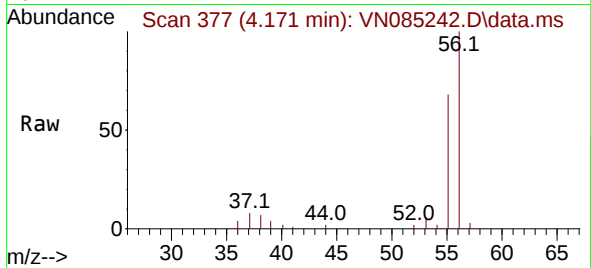




#13
Acrolein
Concen: 283.990 ug/l
RT: 4.171 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN085242.D
Acq: 17 Dec 2024 22:24

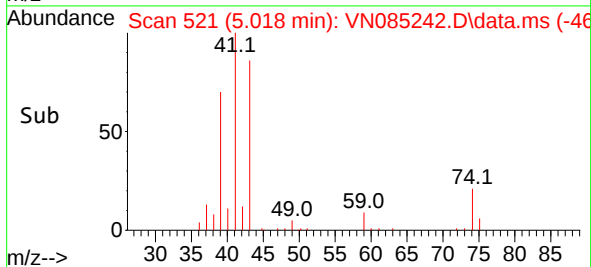
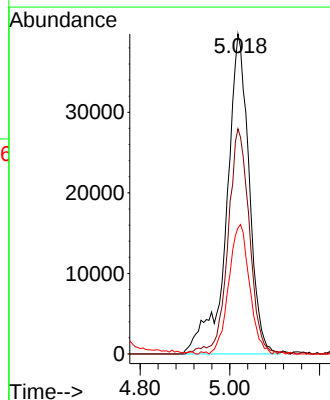
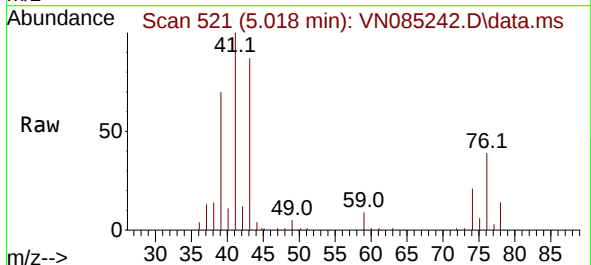
Instrument :
MSVOA_N
ClientSampleId :

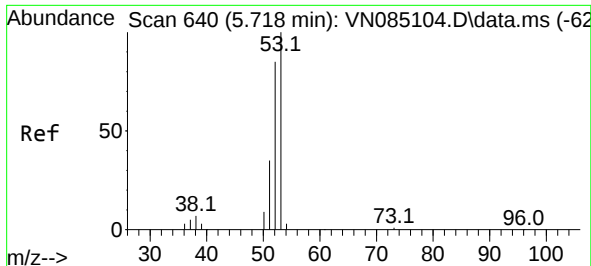
Tgt Ion: 56 Resp: 52649
Ion Ratio Lower Upper
56 100
55 70.6 54.5 81.7



#14
Allyl chloride
Concen: 53.359 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.012 min
Lab File: VN085242.D
Acq: 17 Dec 2024 22:24

Tgt Ion: 41 Resp: 139356
Ion Ratio Lower Upper
41 100
39 66.8 53.8 80.8
76 37.1 29.3 43.9

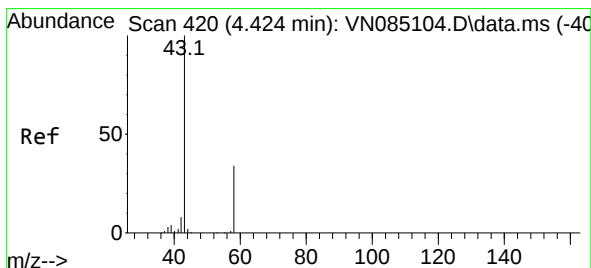
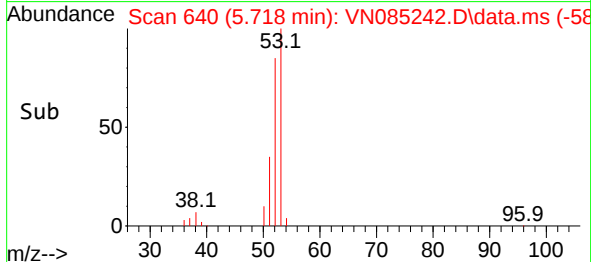
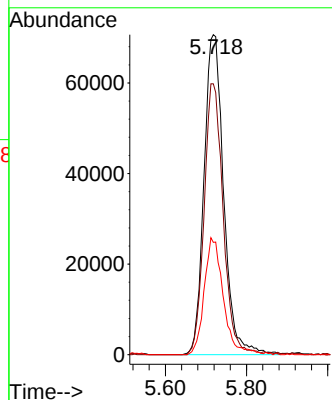
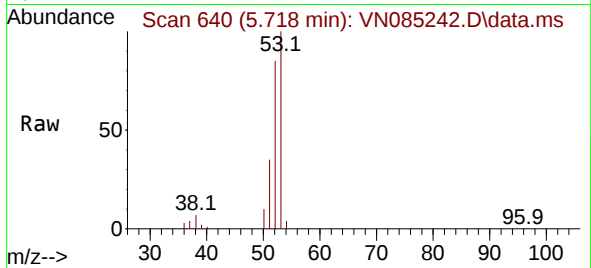




#15
Acrylonitrile
Concen: 302.318 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN085242.D
Acq: 17 Dec 2024 22:24

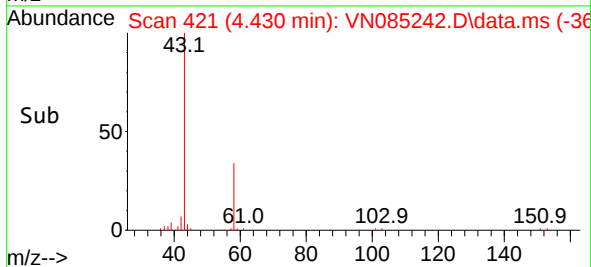
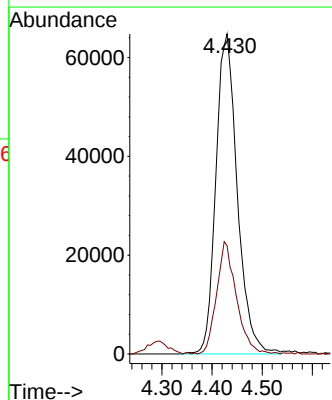
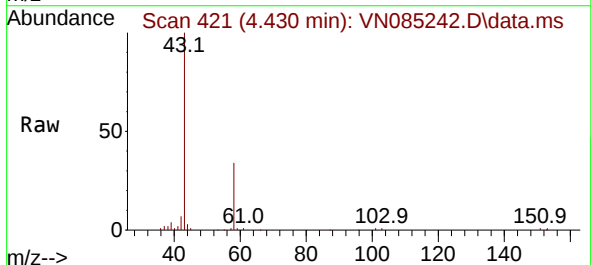
Instrument :
MSVOA_N
ClientSampleId :

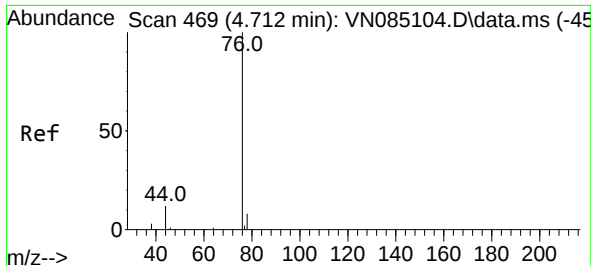
Tgt Ion: 53 Resp: 237801
Ion Ratio Lower Upper
53 100
52 81.6 65.5 98.3
51 35.4 28.4 42.6



#16
Acetone
Concen: 317.524 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN085242.D
Acq: 17 Dec 2024 22:24

Tgt Ion: 43 Resp: 192266
Ion Ratio Lower Upper
43 100
58 33.8 25.4 38.2

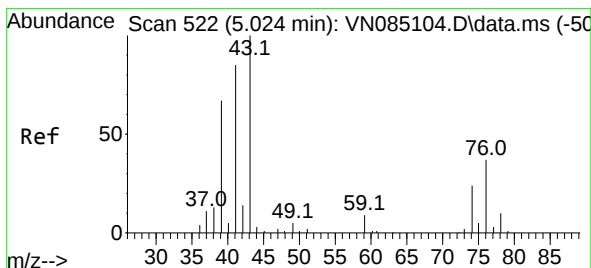
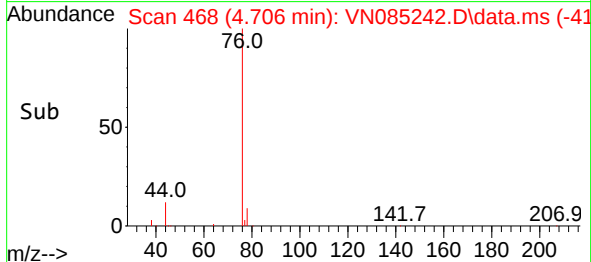
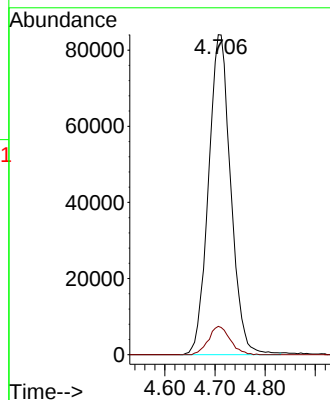
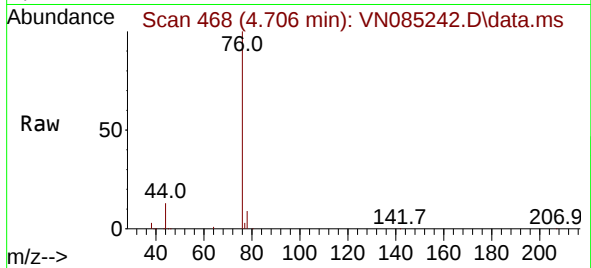




#17
Carbon Disulfide
Concen: 56.622 ug/l
RT: 4.706 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN085242.D
Acq: 17 Dec 2024 22:24

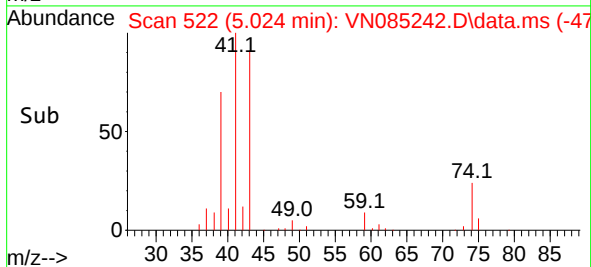
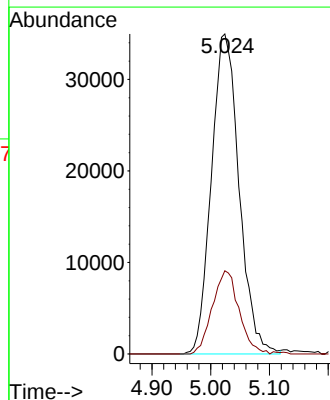
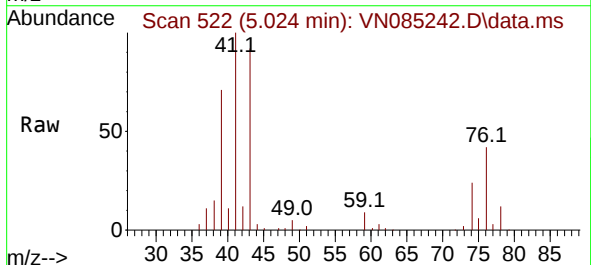
Instrument :
MSVOA_N
ClientSampleId :

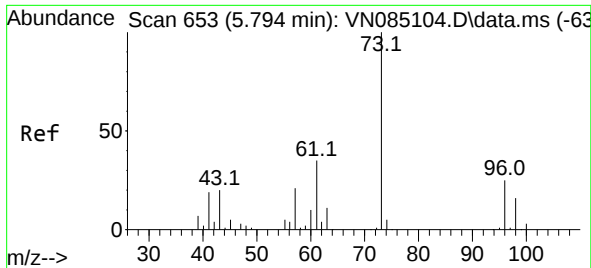
Tgt Ion: 76 Resp: 258918
Ion Ratio Lower Upper
76 100
78 8.9 6.5 9.7



#18
Methyl Acetate
Concen: 59.318 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085242.D
Acq: 17 Dec 2024 22:24

Tgt Ion: 43 Resp: 114388
Ion Ratio Lower Upper
43 100
74 25.0 20.1 30.1

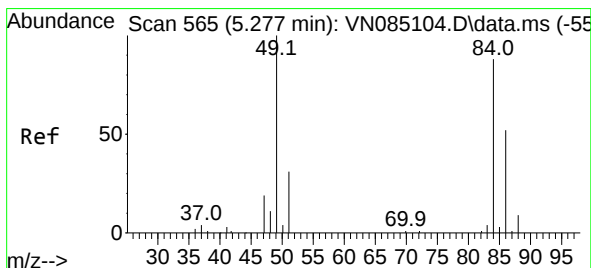
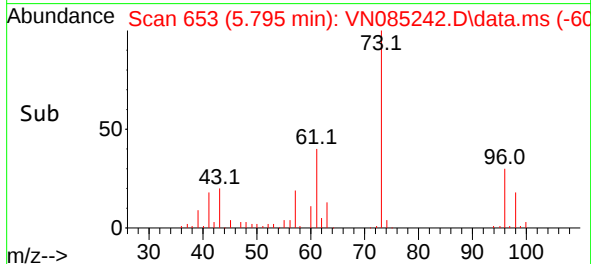
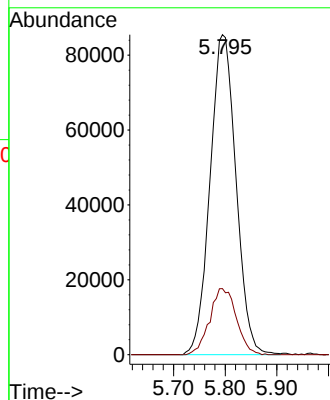
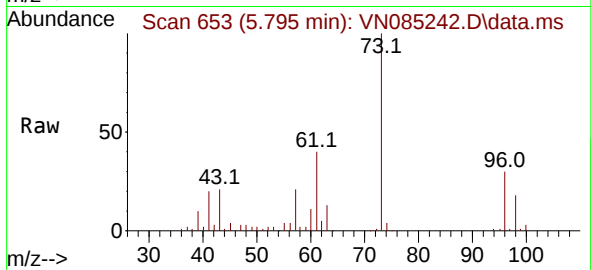




#19
Methyl tert-butyl Ether
Concen: 58.855 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN085242.D
Acq: 17 Dec 2024 22:24

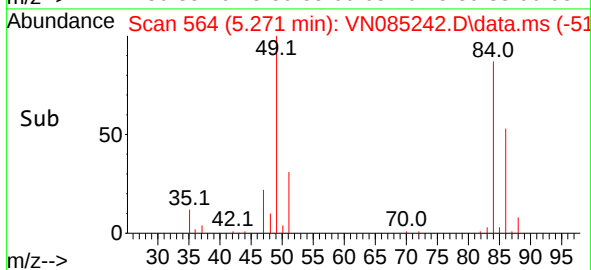
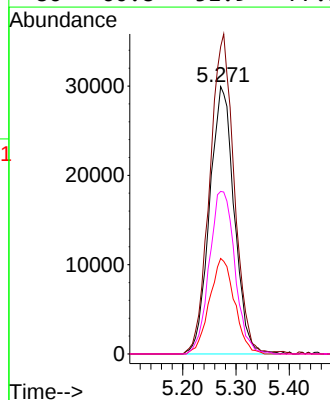
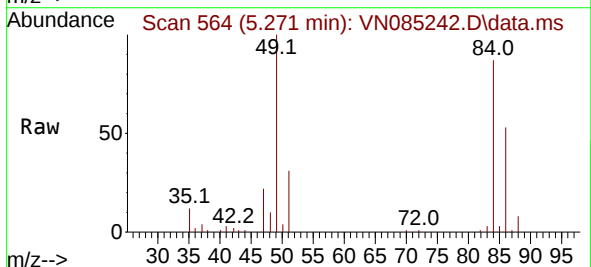
Instrument :
MSVOA_N
ClientSampleId :

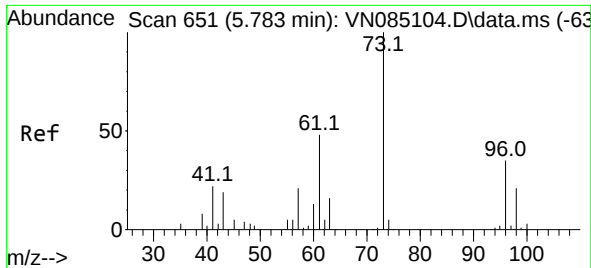
Tgt Ion: 73 Resp: 297911
Ion Ratio Lower Upper
73 100
57 20.7 17.0 25.4



#20
Methylene Chloride
Concen: 51.834 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.006 min
Lab File: VN085242.D
Acq: 17 Dec 2024 22:24

Tgt Ion: 84 Resp: 95775
Ion Ratio Lower Upper
84 100
49 115.0 92.7 139.1
51 35.7 29.4 44.2
86 60.8 51.9 77.9

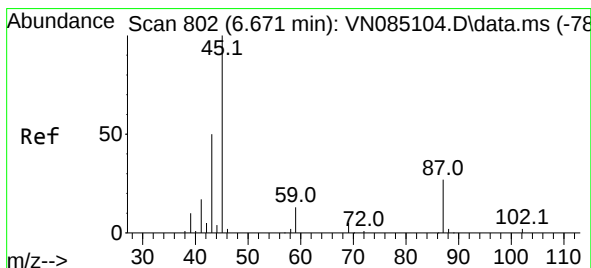
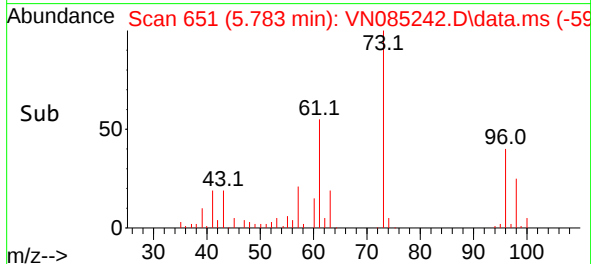
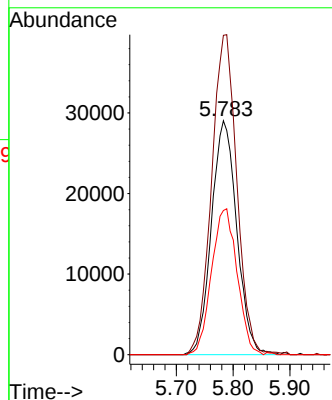
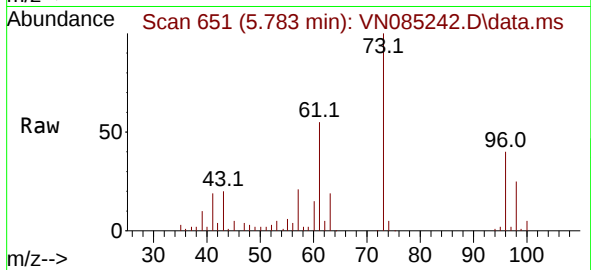




#21
trans-1,2-Dichloroethene
Concen: 55.212 ug/l
RT: 5.783 min Scan# 611
Delta R.T. 0.012 min
Lab File: VN085242.D
Acq: 17 Dec 2024 22:24

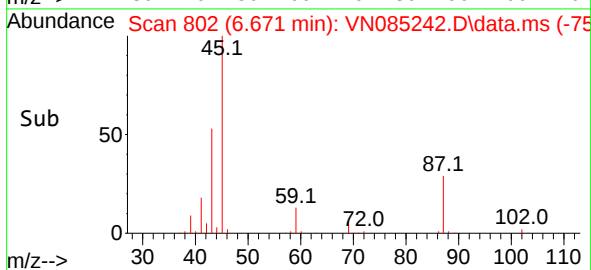
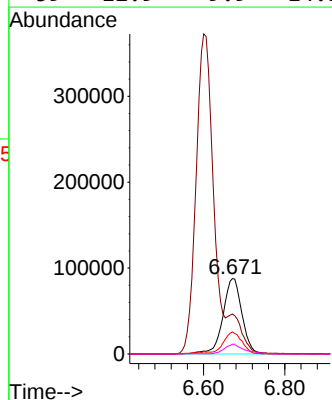
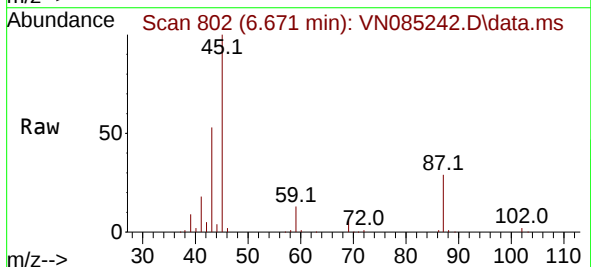
Instrument :
MSVOA_N
ClientSampleId :

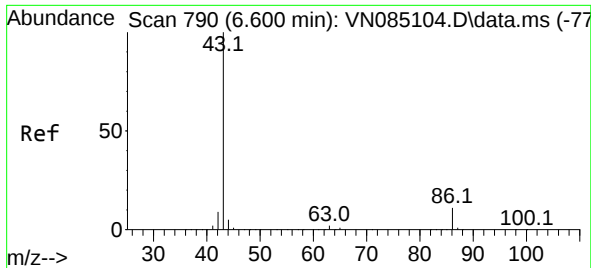
Tgt Ion: 96 Resp: 90012
Ion Ratio Lower Upper
96 100
61 136.5 100.7 151.1
98 61.6 45.8 68.6



#22
Diisopropyl ether
Concen: 54.285 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN085242.D
Acq: 17 Dec 2024 22:24

Tgt Ion: 45 Resp: 285343
Ion Ratio Lower Upper
45 100
43 52.5 42.7 64.1
87 29.2 22.6 34.0
59 12.9 9.9 14.9

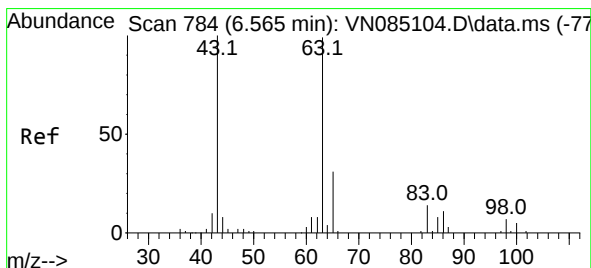
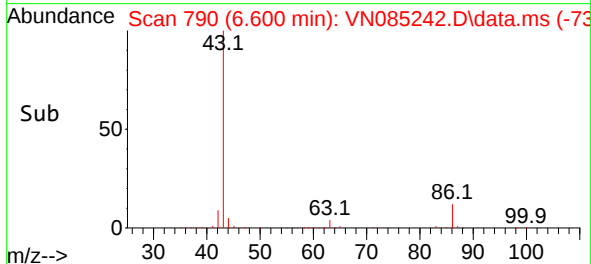
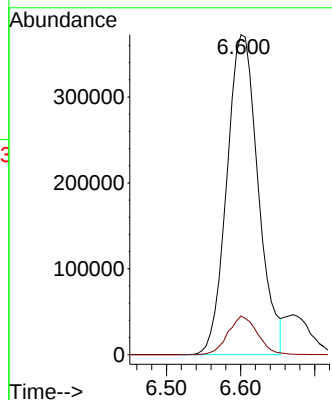
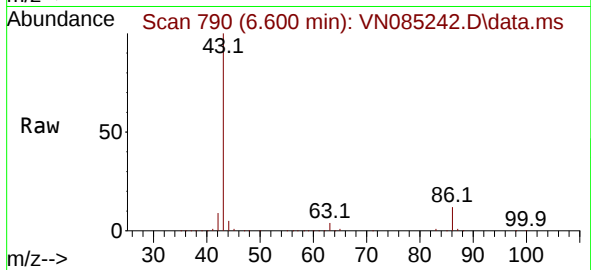




#23
 Vinyl Acetate
 Concen: 301.818 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN085242.D
 Acq: 17 Dec 2024 22:24

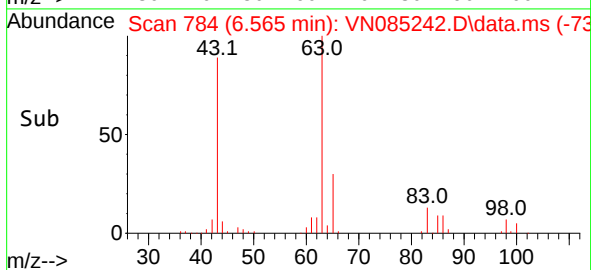
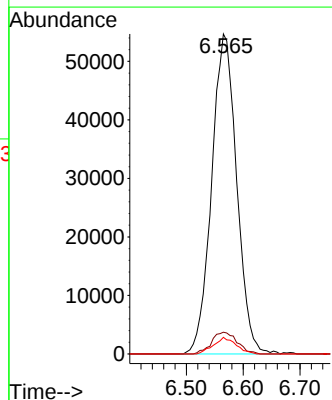
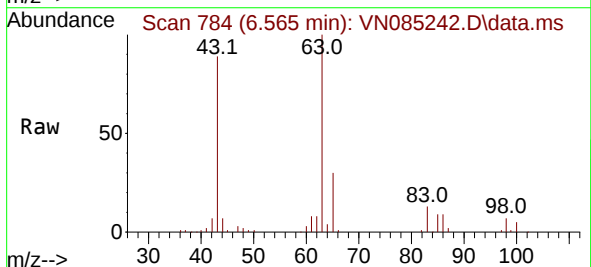
Instrument :
 MSVOA_N
 ClientSampleId :

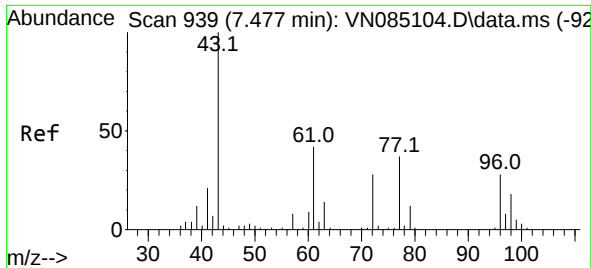
Tgt Ion: 43 Resp: 1094478
 Ion Ratio Lower Upper
 43 100
 86 12.1 8.9 13.3



#24
 1,1-Dichloroethane
 Concen: 53.229 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.012 min
 Lab File: VN085242.D
 Acq: 17 Dec 2024 22:24

Tgt Ion: 63 Resp: 167434
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.3 9.8
 100 5.2 2.2 6.6

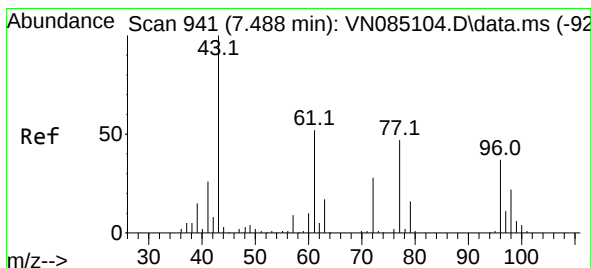
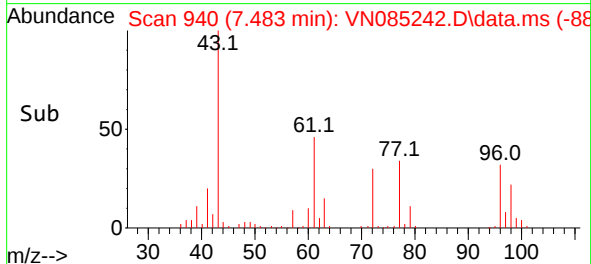
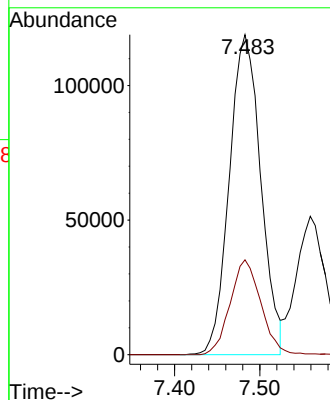
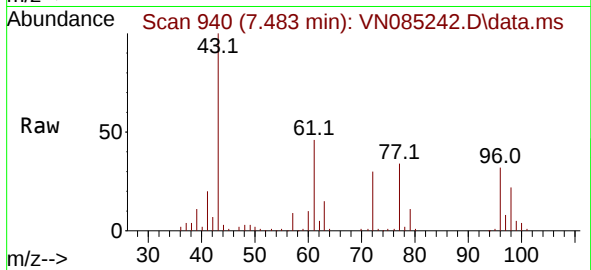




#25
2-Butanone
Concen: 308.437 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN085242.D
Acq: 17 Dec 2024 22:24

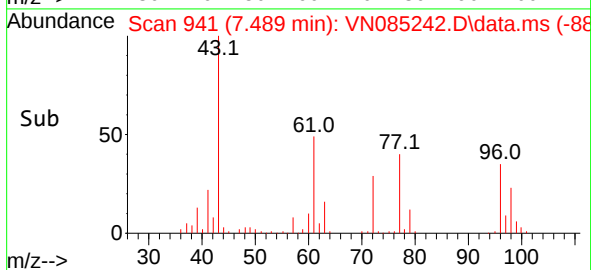
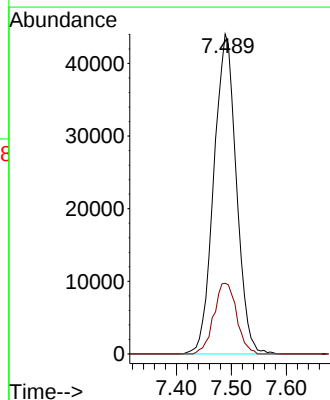
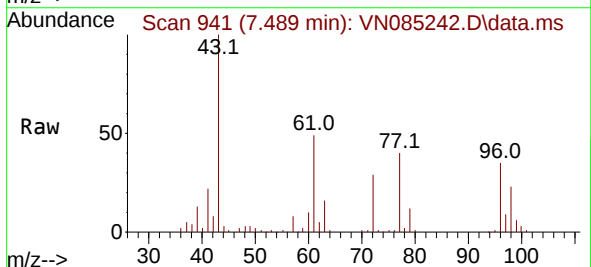
Instrument :
MSVOA_N
ClientSampleId :

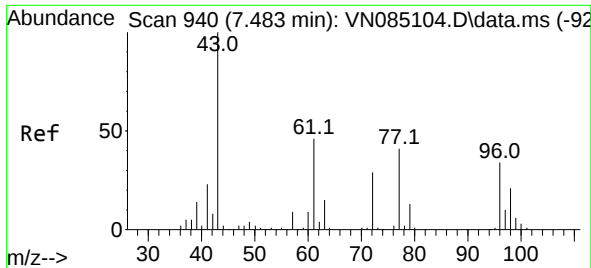
Tgt Ion: 43 Resp: 305343
Ion Ratio Lower Upper
43 100
72 29.6 21.4 32.0



#26
2,2-Dichloropropane
Concen: 42.698 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085242.D
Acq: 17 Dec 2024 22:24

Tgt Ion: 77 Resp: 125415
Ion Ratio Lower Upper
77 100
97 22.3 10.9 32.7

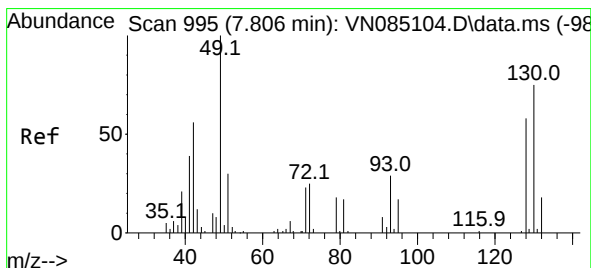
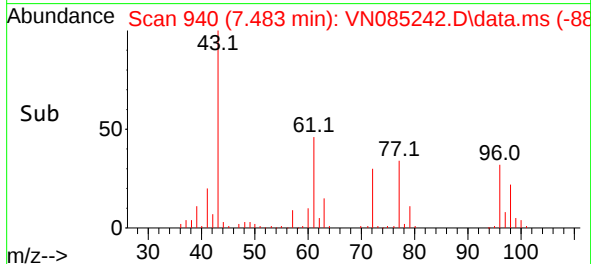
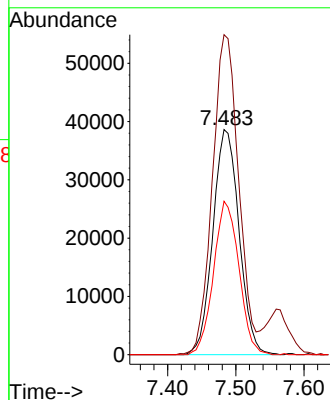
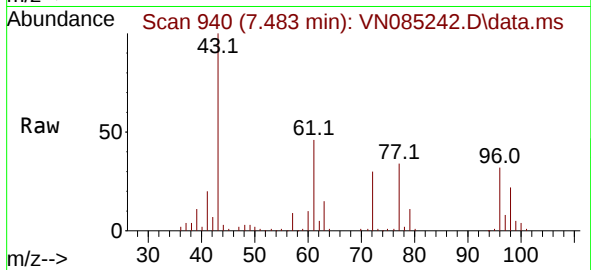




#27
 cis-1,2-Dichloroethene
 Concen: 52.630 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.006 min
 Lab File: VN085242.D
 Acq: 17 Dec 2024 22:24

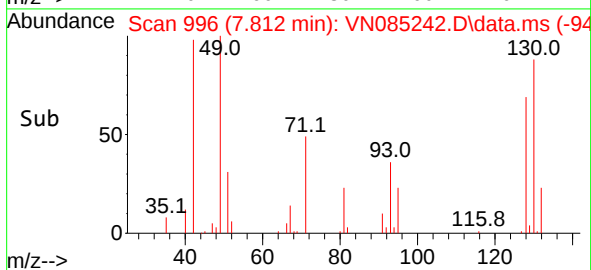
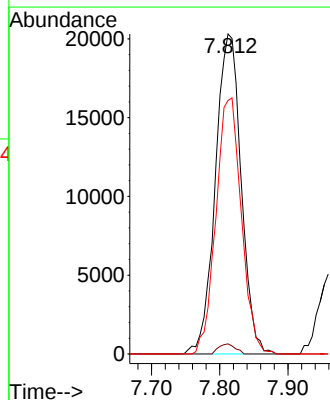
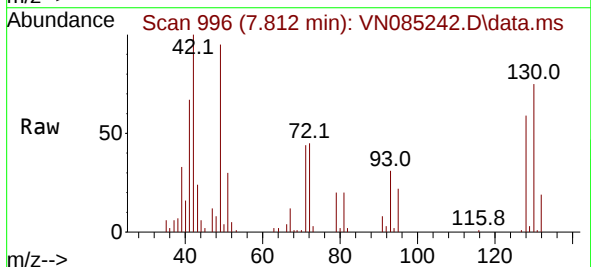
Instrument :
 MSVOA_N
 ClientSampleId :

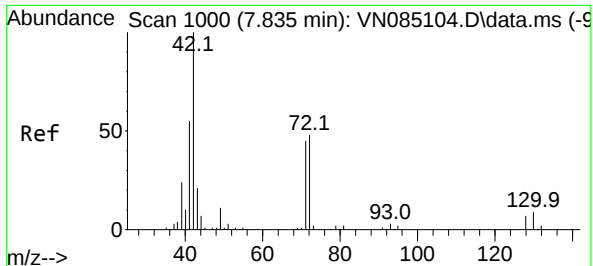
Tgt Ion: 96 Resp: 103439
 Ion Ratio Lower Upper
 96 100
 61 141.8 0.0 291.6
 98 65.9 0.0 129.8



#28
 Bromochloromethane
 Concen: 44.996 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN085242.D
 Acq: 17 Dec 2024 22:24

Tgt Ion: 49 Resp: 53428
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.0
 130 78.8 60.6 90.8





#29

Tetrahydrofuran

Concen: 327.721 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN085242.D

Acq: 17 Dec 2024 22:24

Instrument :

MSVOA_N

ClientSampleId :

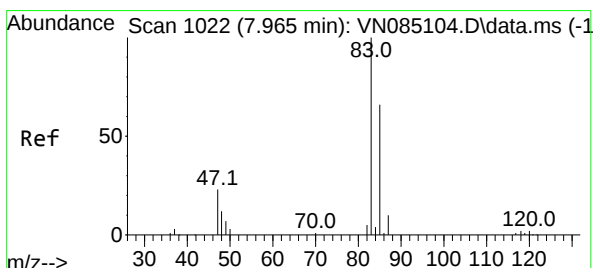
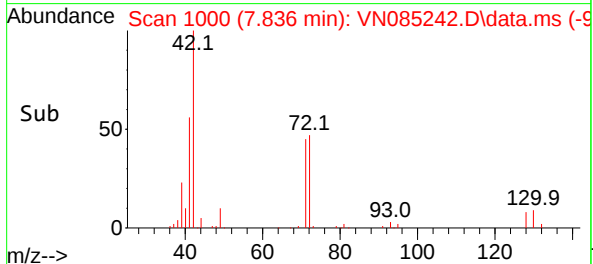
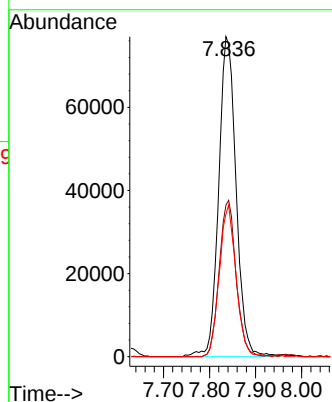
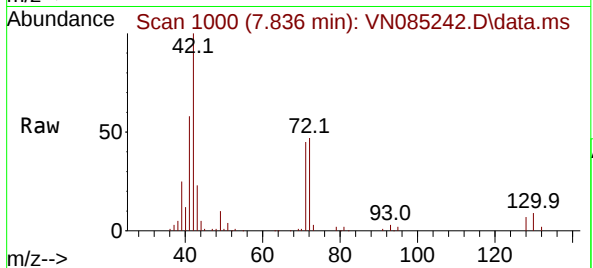
Tgt Ion: 42 Resp: 201755

Ion Ratio Lower Upper

42 100

72 47.3 37.0 55.4

71 45.3 35.0 52.4



#30

Chloroform

Concen: 52.095 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VN085242.D

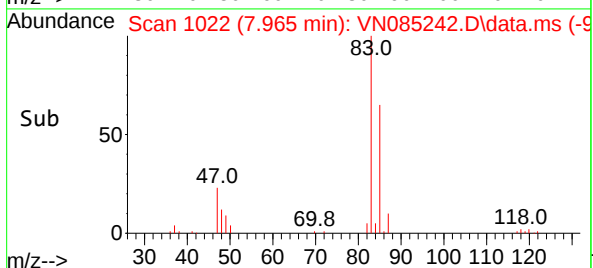
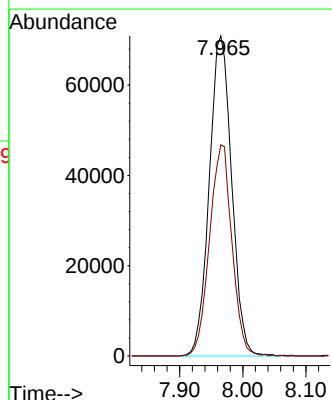
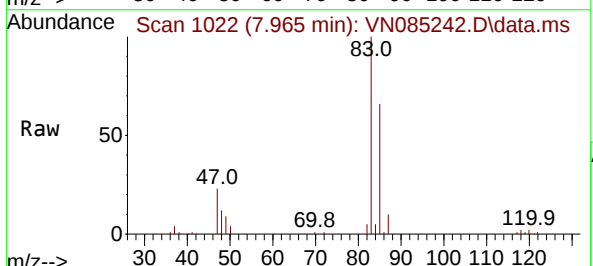
Acq: 17 Dec 2024 22:24

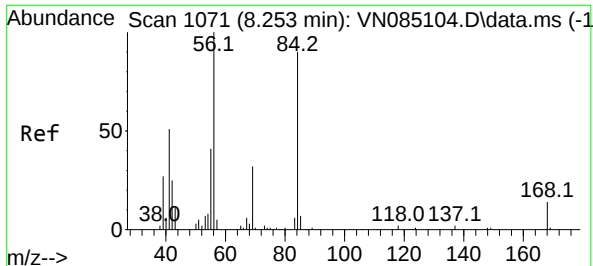
Tgt Ion: 83 Resp: 174313

Ion Ratio Lower Upper

83 100

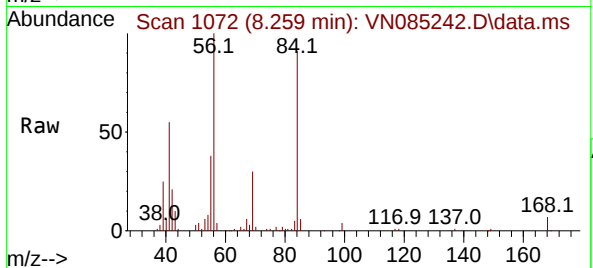
85 66.0 52.6 78.8



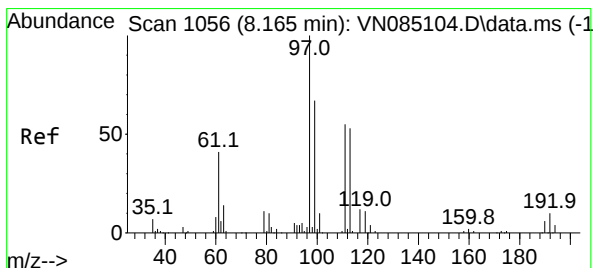
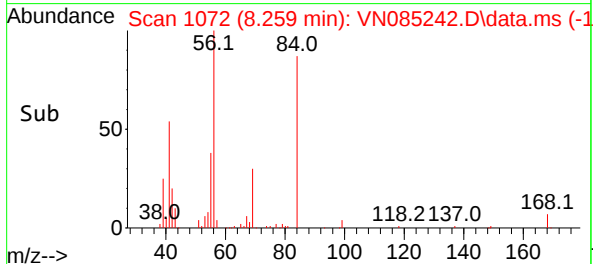
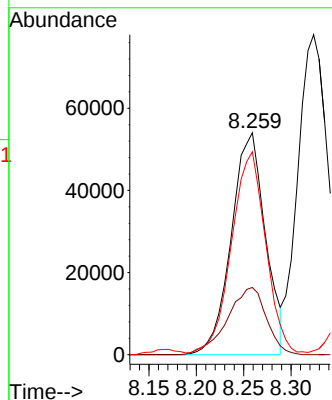


#31
Cyclohexane
Concen: 48.912 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.006 min
Lab File: VN085242.D
Acq: 17 Dec 2024 22:24

Instrument :
MSVOA_N
ClientSampleId :

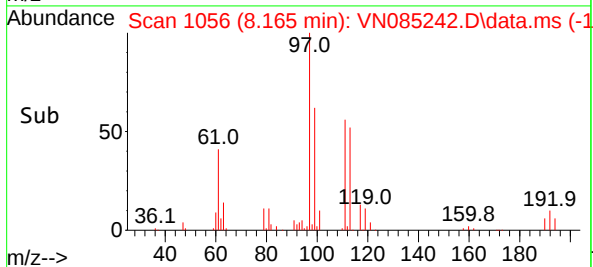
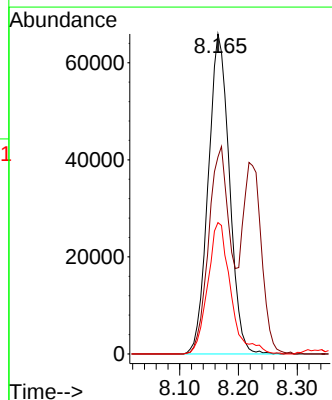
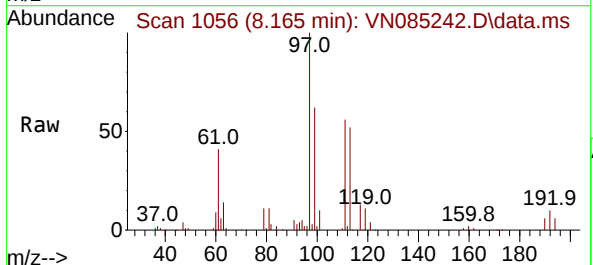


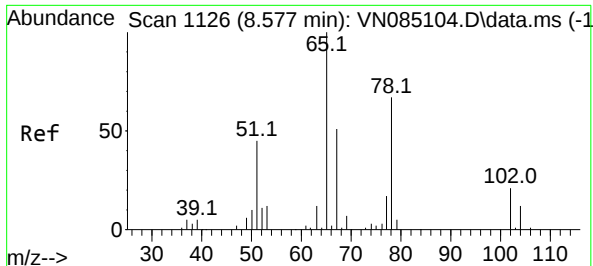
Tgt Ion: 56 Resp: 135463
Ion Ratio Lower Upper
56 100
69 30.3 24.6 36.8
84 90.0 71.4 107.2



#32
1,1,1-Trichloroethane
Concen: 54.428 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085242.D
Acq: 17 Dec 2024 22:24

Tgt Ion: 97 Resp: 164572
Ion Ratio Lower Upper
97 100
99 64.3 51.0 76.4
61 44.5 36.2 54.2





#33

1,2-Dichloroethane-d4

Concen: 50.093 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN085242.D

Acq: 17 Dec 2024 22:24

Instrument :

MSVOA_N

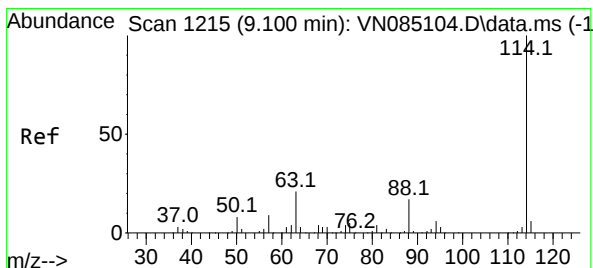
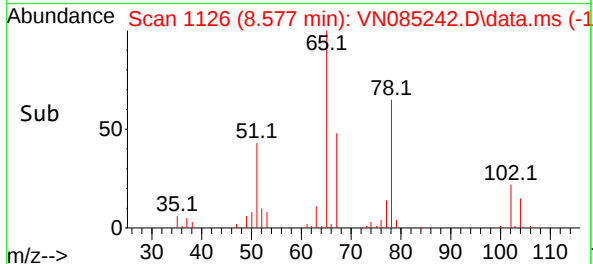
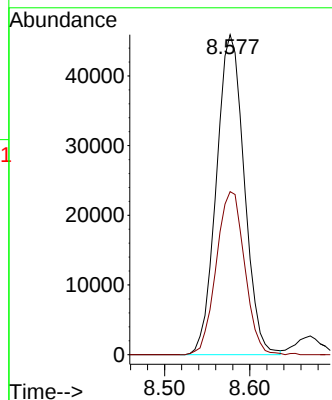
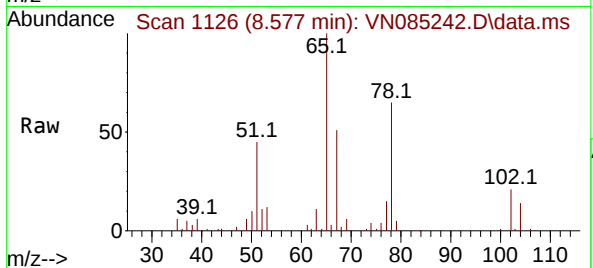
ClientSampleId :

Tgt Ion: 65 Resp: 104149

Ion Ratio Lower Upper

65 100

67 51.8 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085242.D

Acq: 17 Dec 2024 22:24

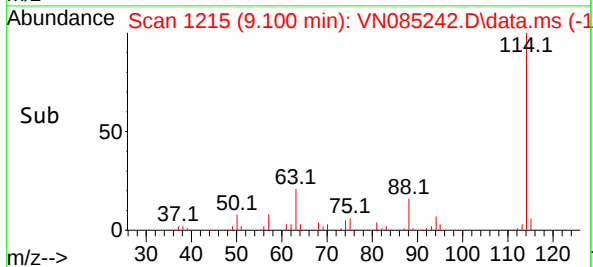
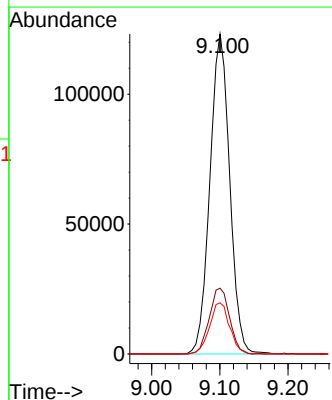
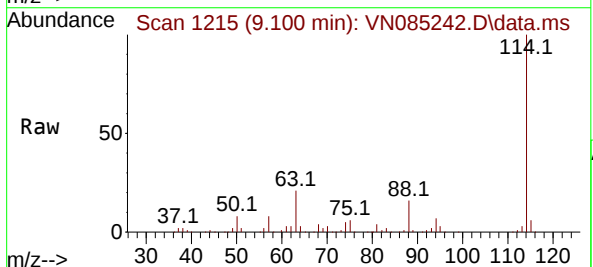
Tgt Ion: 114 Resp: 248732

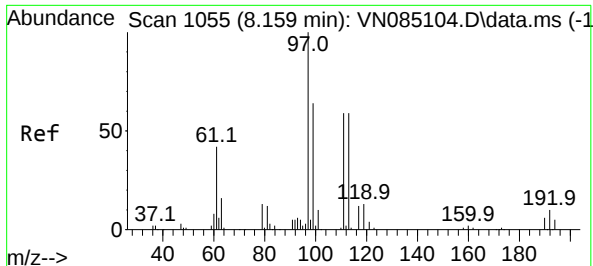
Ion Ratio Lower Upper

114 100

63 20.6 0.0 41.0

88 16.0 0.0 34.8





#35

Dibromofluoromethane

Concen: 50.726 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085242.D

Acq: 17 Dec 2024 22:24

Instrument :

MSVOA_N

ClientSampleId :

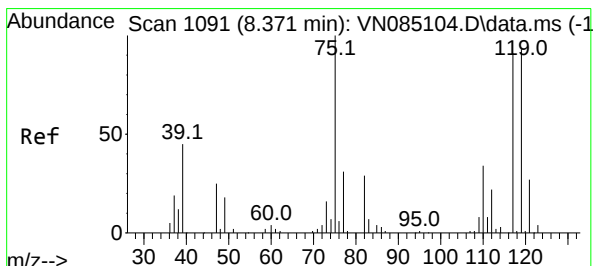
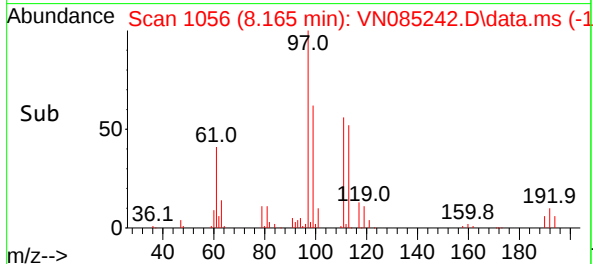
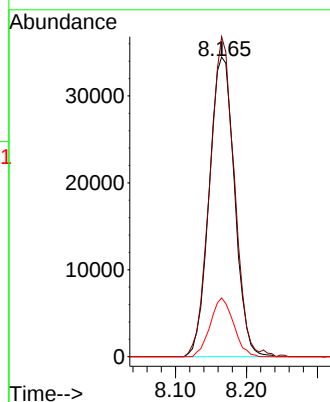
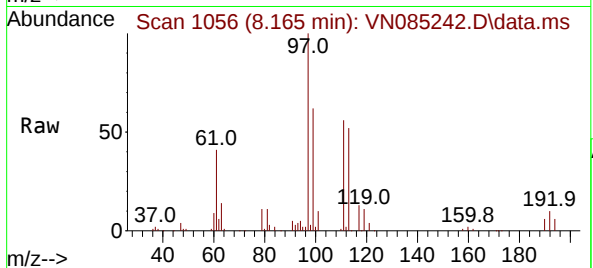
Tgt Ion:113 Resp: 85086

Ion Ratio Lower Upper

113 100

111 103.8 82.0 123.0

192 18.1 14.8 22.2



#36

1,1-Dichloropropene

Concen: 54.209 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.006 min

Lab File: VN085242.D

Acq: 17 Dec 2024 22:24

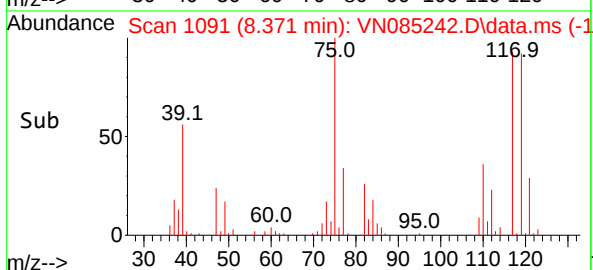
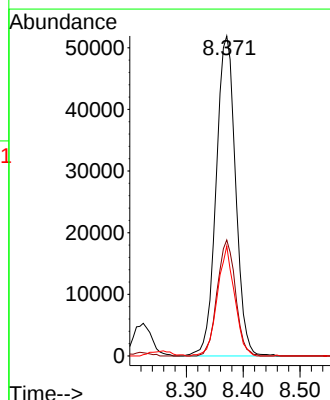
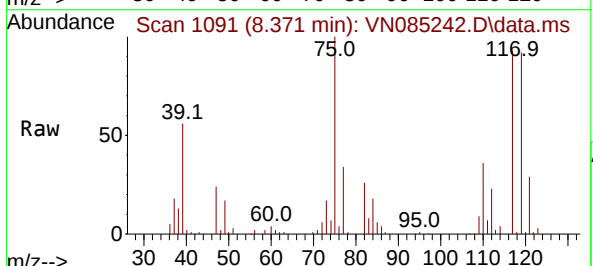
Tgt Ion: 75 Resp: 123161

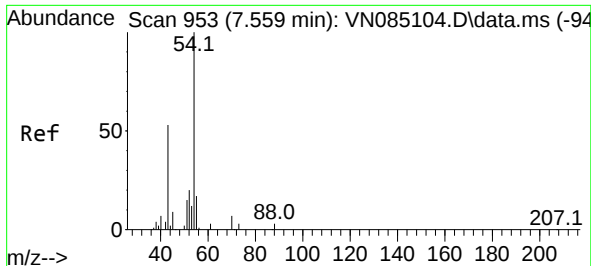
Ion Ratio Lower Upper

75 100

110 34.3 17.2 51.6

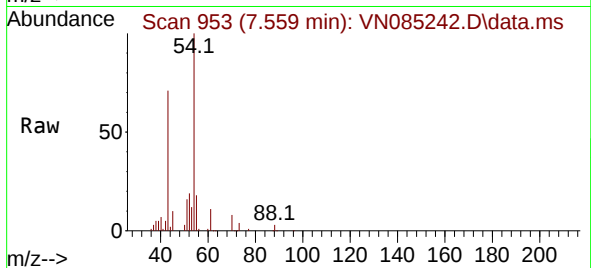
77 30.7 24.2 36.4



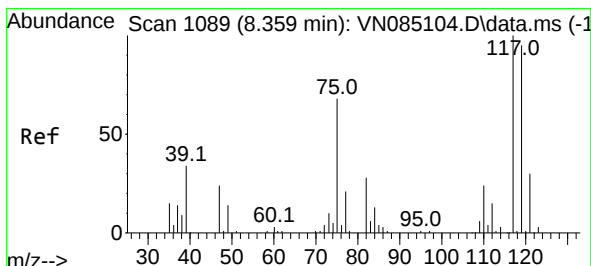
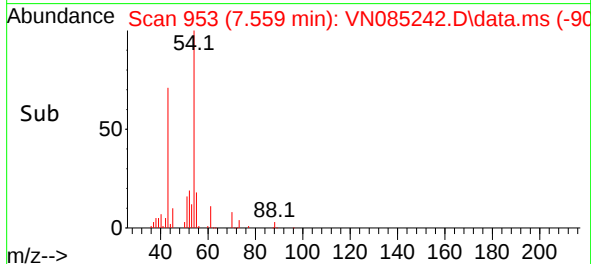
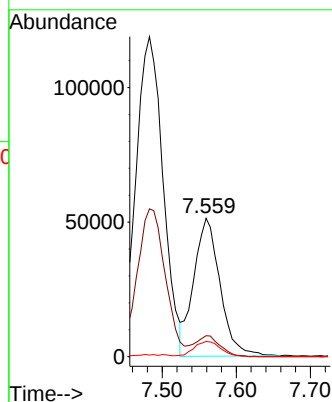


#37
Ethyl Acetate
Concen: 61.441 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN085242.D
Acq: 17 Dec 2024 22:24

Instrument :
MSVOA_N
ClientSampleId :

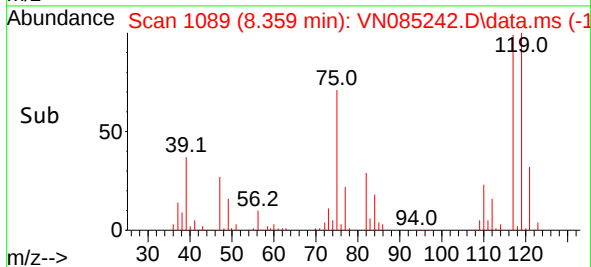
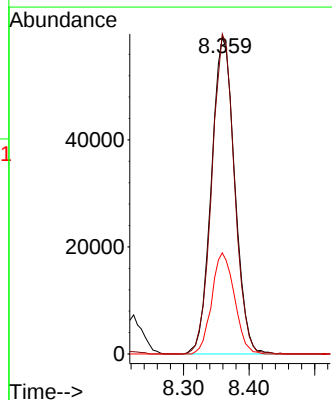
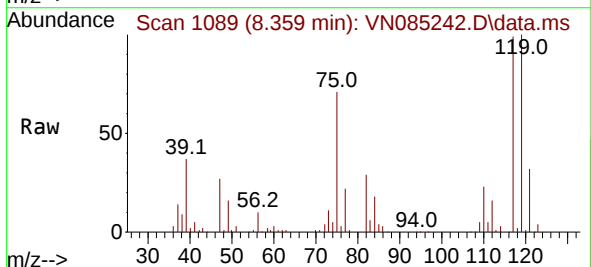


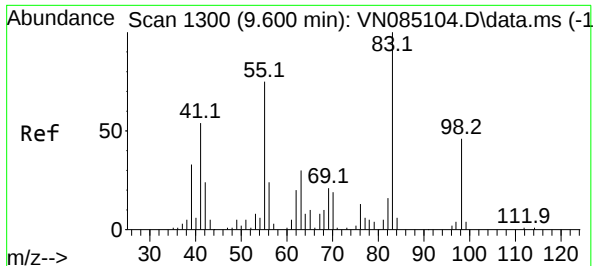
Tgt Ion: 43 Resp: 126905
Ion Ratio Lower Upper
43 100
61 14.0 11.7 17.5
70 11.2 9.3 13.9



#38
Carbon Tetrachloride
Concen: 55.639 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VN085242.D
Acq: 17 Dec 2024 22:24

Tgt Ion: 117 Resp: 145914
Ion Ratio Lower Upper
117 100
119 101.1 78.6 117.8
121 32.0 24.2 36.2





#39

Methylcyclohexane

Concen: 52.028 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.006 min

Lab File: VN085242.D

Acq: 17 Dec 2024 22:24

Instrument :

MSVOA_N

ClientSampleId :

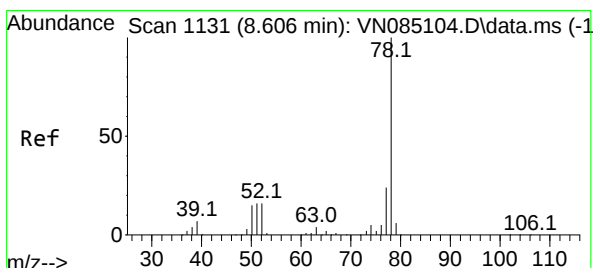
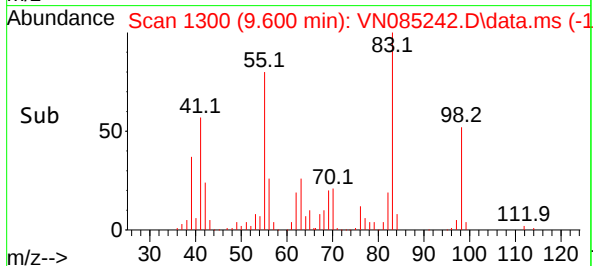
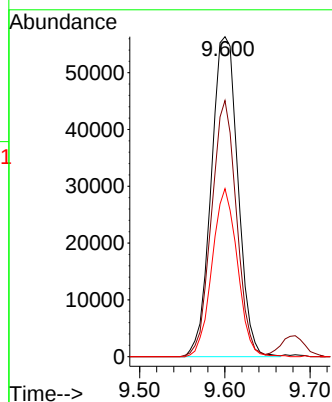
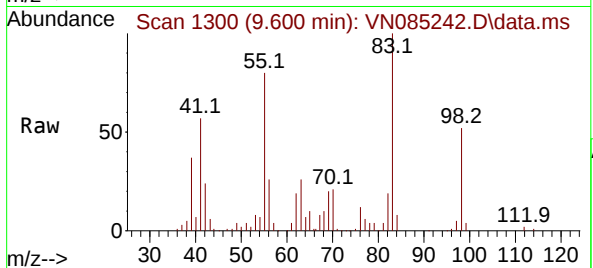
Tgt Ion: 83 Resp: 122834

Ion Ratio Lower Upper

83 100

55 80.1 61.8 92.6

98 52.5 37.0 55.6



#40

Benzene

Concen: 52.969 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VN085242.D

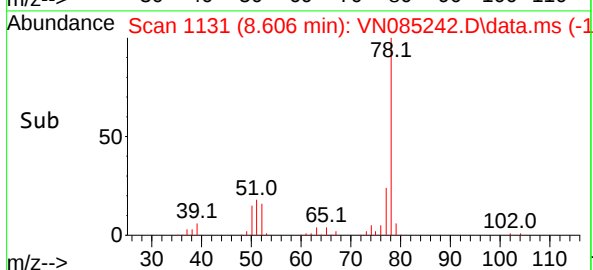
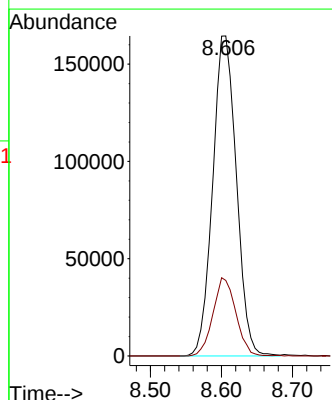
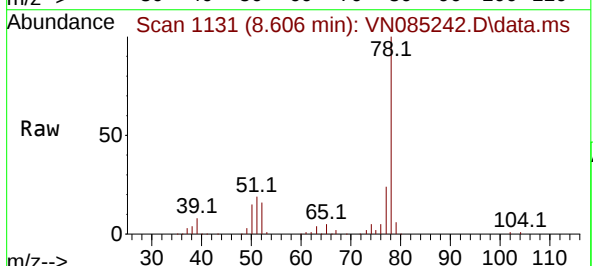
Acq: 17 Dec 2024 22:24

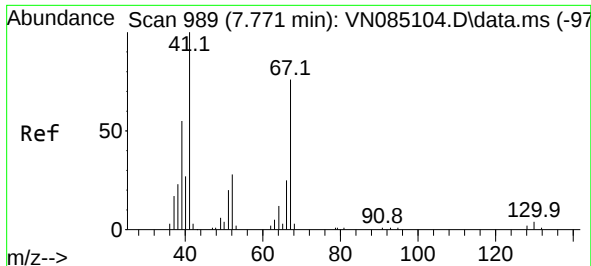
Tgt Ion: 78 Resp: 380627

Ion Ratio Lower Upper

78 100

77 23.6 18.5 27.7



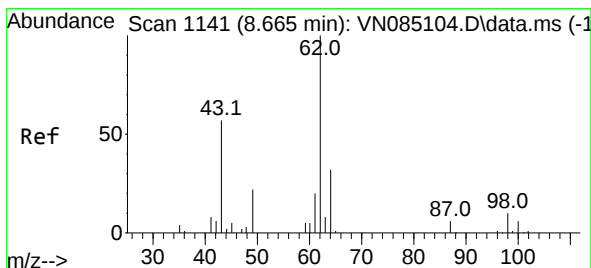
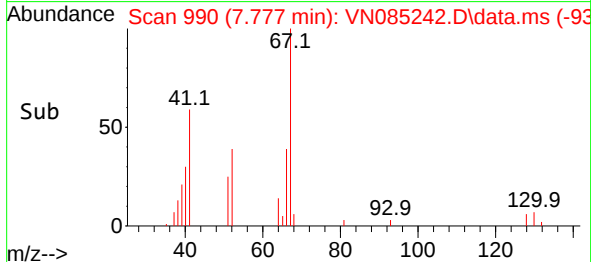
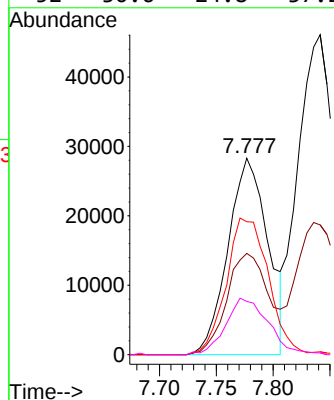
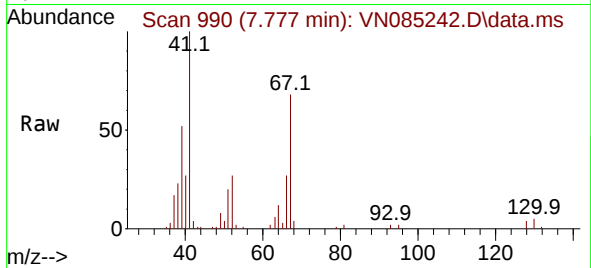


#41
Methacrylonitrile
Concen: 60.559 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN085242.D
Acq: 17 Dec 2024 22:24

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 69255

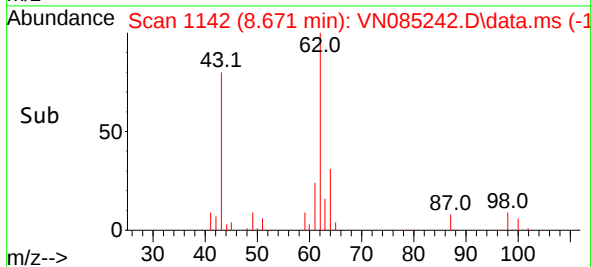
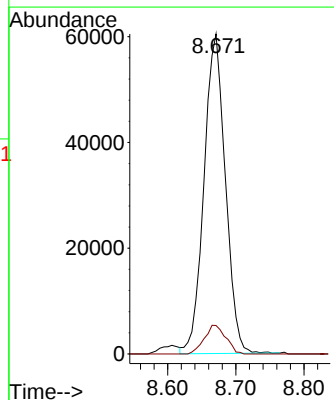
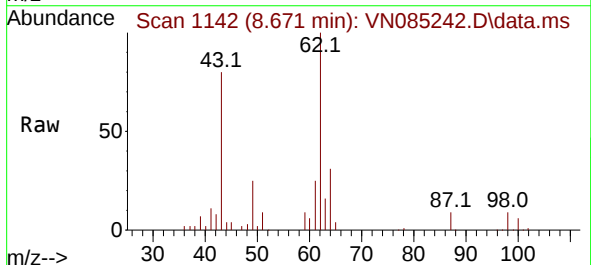
Ion	Ratio	Lower	Upper
41	100		
39	54.3	42.6	63.8
67	73.8	59.9	89.9
52	30.6	24.8	37.2

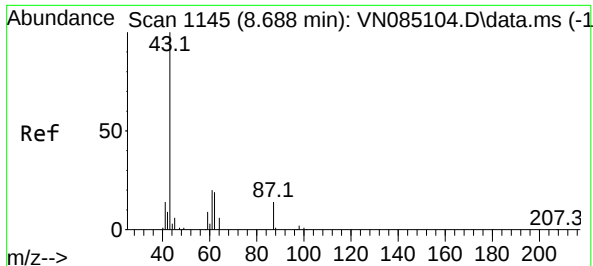


#42
1,2-Dichloroethane
Concen: 53.600 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN085242.D
Acq: 17 Dec 2024 22:24

Tgt Ion: 62 Resp: 131766

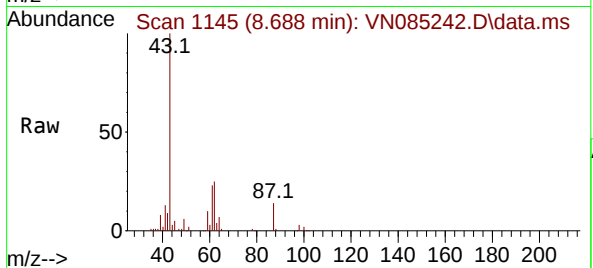
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.2



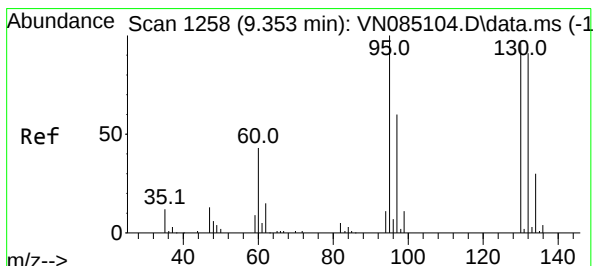
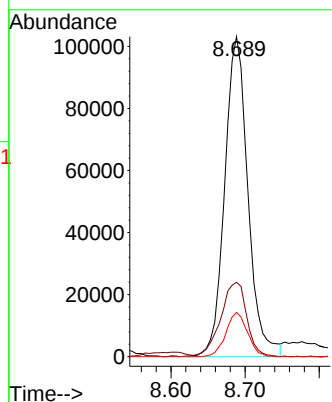
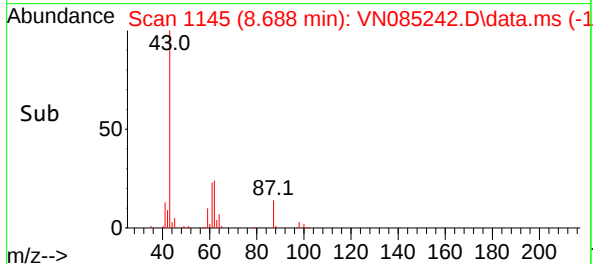


#43
Isopropyl Acetate
Concen: 52.467 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN085242.D
Acq: 17 Dec 2024 22:24

Instrument :
MSVOA_N
ClientSampleId :

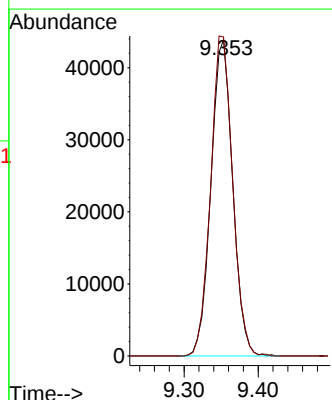
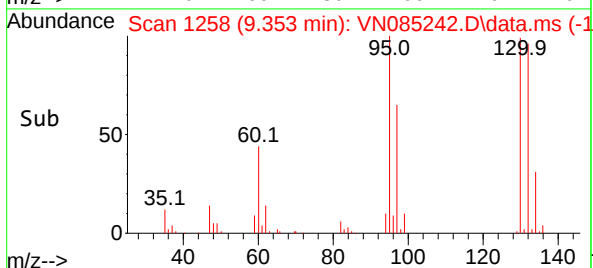
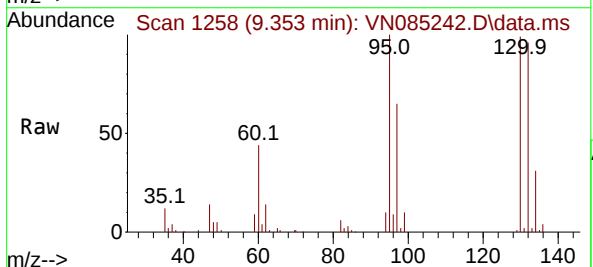


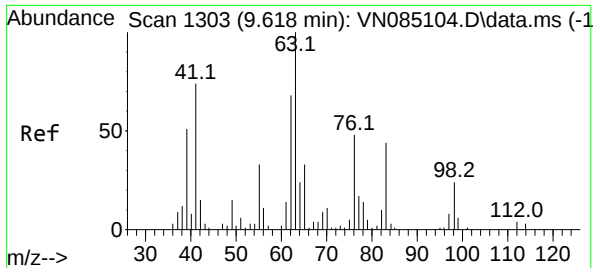
Tgt Ion: 43 Resp: 225099
Ion Ratio Lower Upper
43 100
61 26.0 20.6 30.8
87 12.8 11.0 16.4



#44
Trichloroethene
Concen: 53.486 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN085242.D
Acq: 17 Dec 2024 22:24

Tgt Ion:130 Resp: 89319
Ion Ratio Lower Upper
130 100
95 101.0 0.0 213.4





#45

1,2-Dichloropropane

Concen: 50.687 ug/l

RT: 9.618 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN085242.D

Acq: 17 Dec 2024 22:24

Instrument :

MSVOA_N

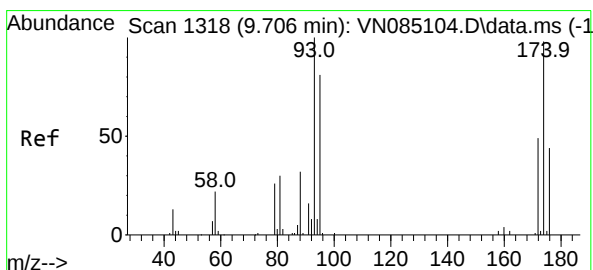
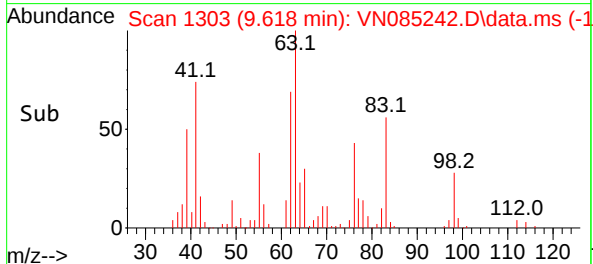
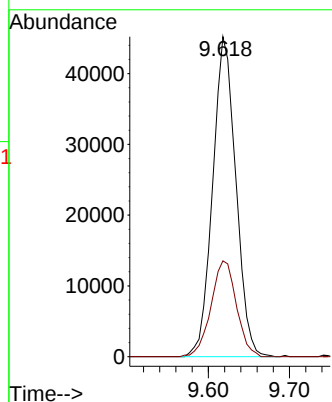
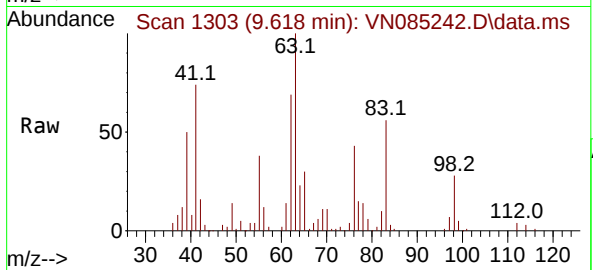
ClientSampleId :

Tgt Ion: 63 Resp: 89711

Ion Ratio Lower Upper

63 100

65 30.0 24.0 36.0



#46

Dibromomethane

Concen: 53.707 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN085242.D

Acq: 17 Dec 2024 22:24

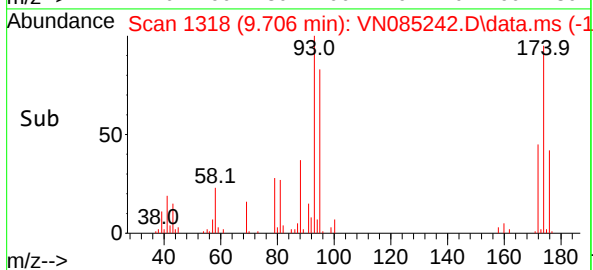
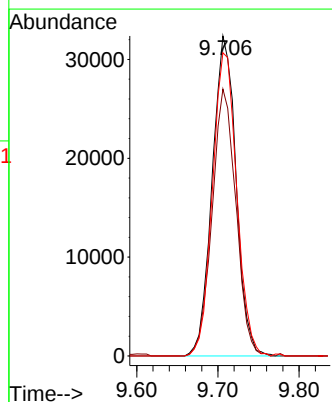
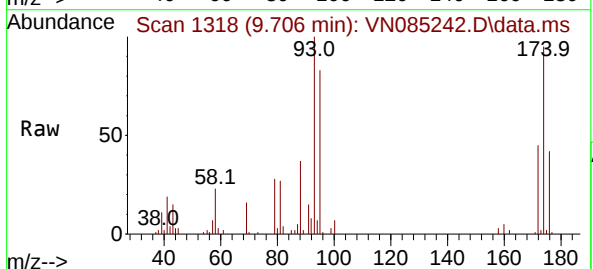
Tgt Ion: 93 Resp: 66050

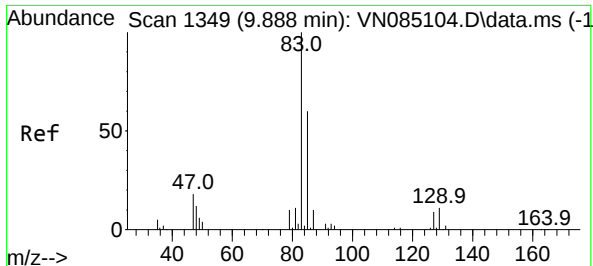
Ion Ratio Lower Upper

93 100

95 83.5 66.2 99.4

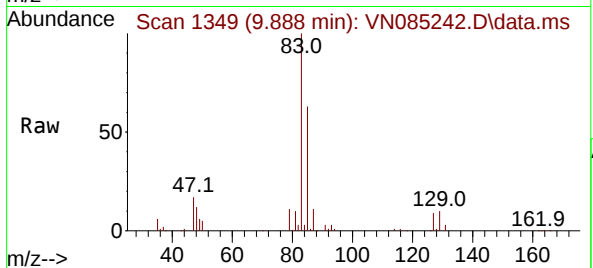
174 96.8 74.9 112.3



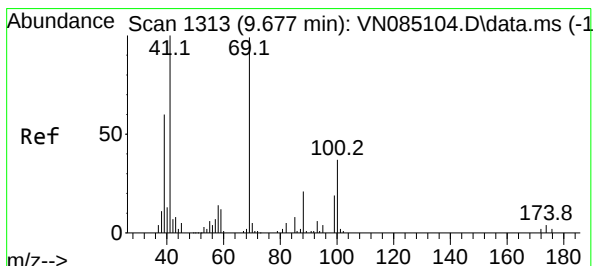
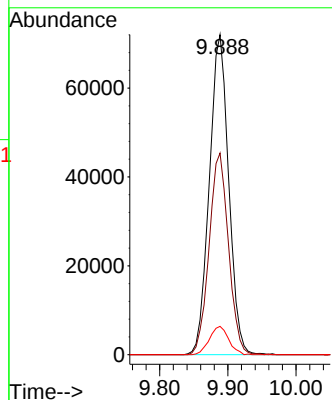
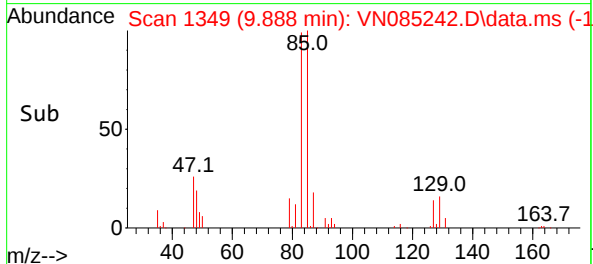


#47
Bromodichloromethane
Concen: 54.586 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.006 min
Lab File: VN085242.D
Acq: 17 Dec 2024 22:24

Instrument :
MSVOA_N
ClientSampleId :

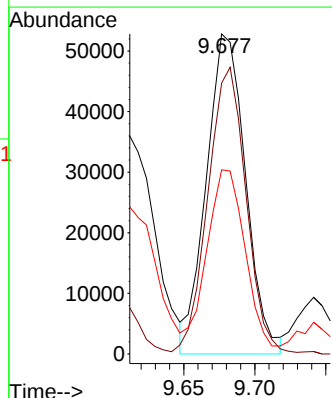
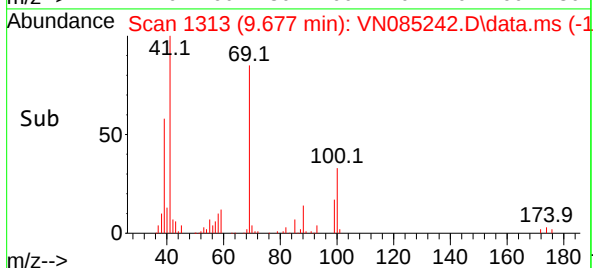
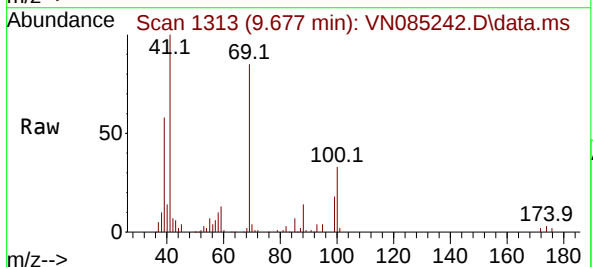


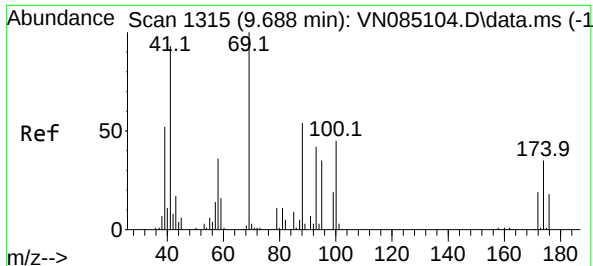
Tgt Ion: 83 Resp: 142279
Ion Ratio Lower Upper
83 100
85 63.0 50.5 75.7
127 8.9 7.1 10.7



#48
Methyl methacrylate
Concen: 63.549 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN085242.D
Acq: 17 Dec 2024 22:24

Tgt Ion: 41 Resp: 101458
Ion Ratio Lower Upper
41 100
69 87.5 73.2 109.8
39 57.4 46.2 69.4





#49

1,4-Dioxane

Concen: 1345.517 ug/l

RT: 9.694 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN085242.D

Acq: 17 Dec 2024 22:24

Instrument :

MSVOA_N

ClientSampleId :

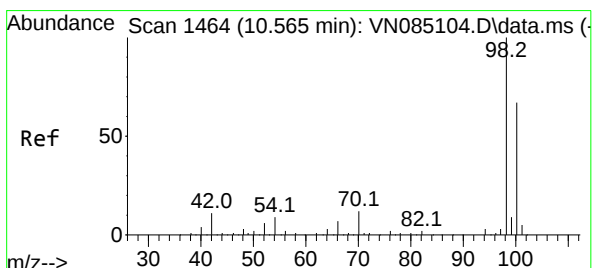
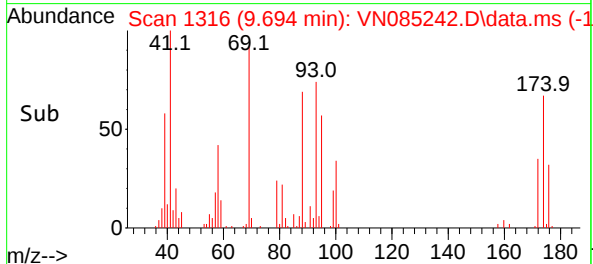
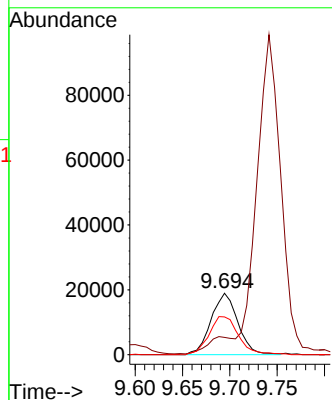
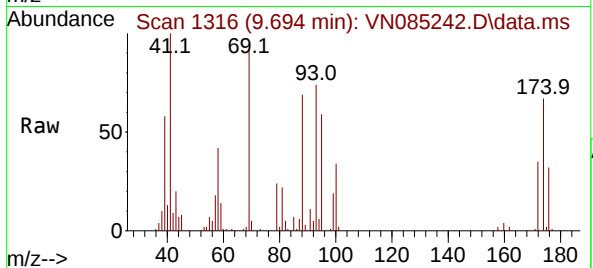
Tgt Ion: 88 Resp: 37253

Ion Ratio Lower Upper

88 100

43 29.3 16.7 25.1#

58 68.1 56.5 84.7



#50

Toluene-d8

Concen: 48.503 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN085242.D

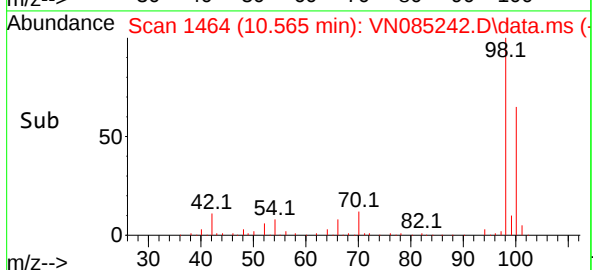
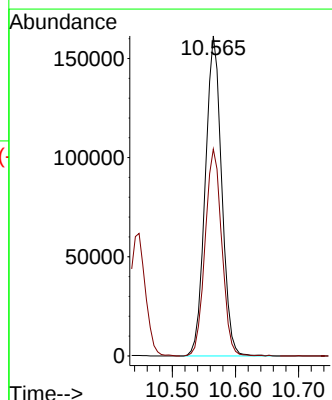
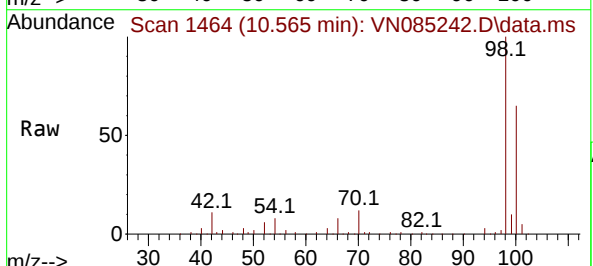
Acq: 17 Dec 2024 22:24

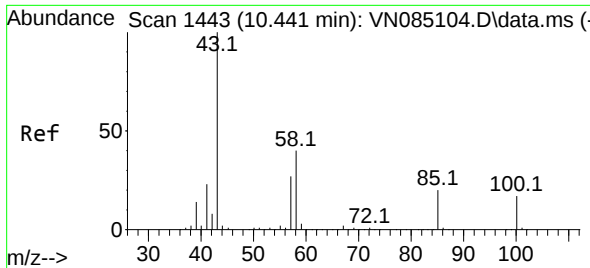
Tgt Ion: 98 Resp: 291564

Ion Ratio Lower Upper

98 100

100 65.4 52.5 78.7

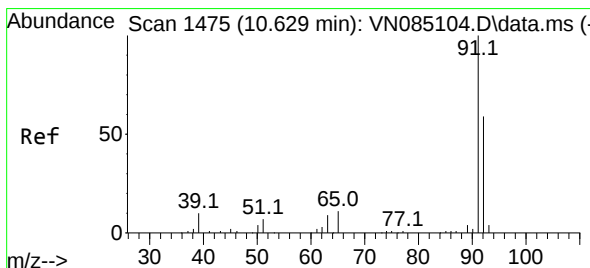
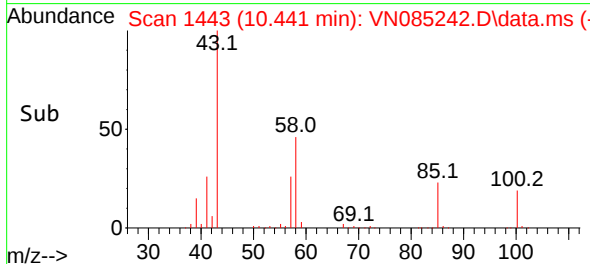
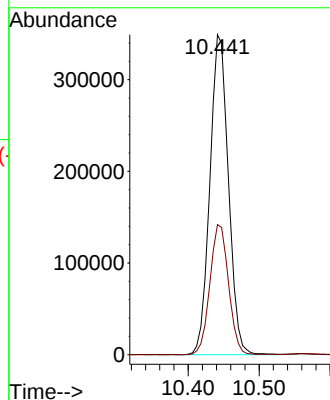
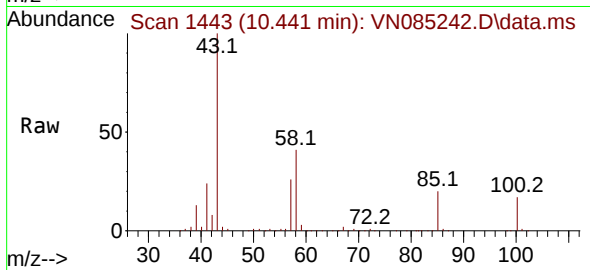




#51
4-Methyl-2-Pentanone
Concen: 322.845 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN085242.D
Acq: 17 Dec 2024 22:24

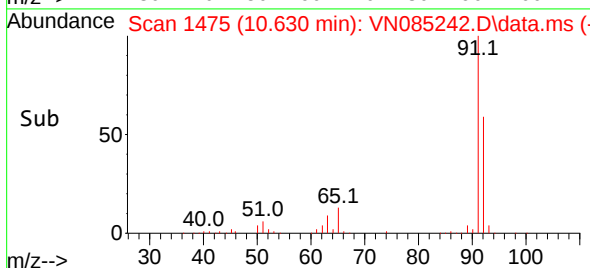
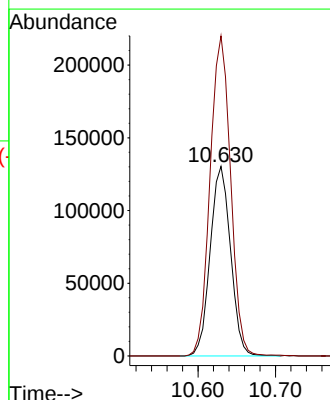
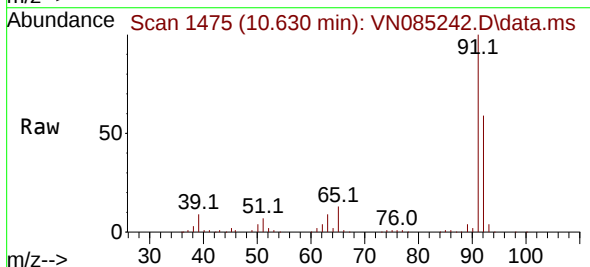
Instrument :
MSVOA_N
ClientSampleId :

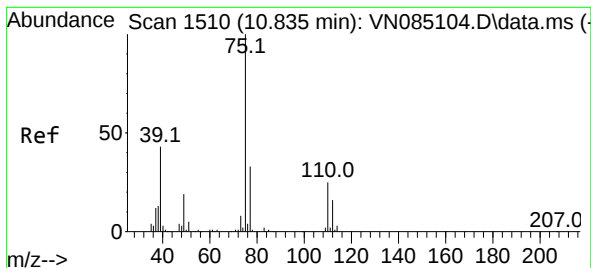
Tgt Ion: 43 Resp: 632657
Ion Ratio Lower Upper
43 100
58 40.9 32.1 48.1



#52
Toluene
Concen: 55.970 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN085242.D
Acq: 17 Dec 2024 22:24

Tgt Ion: 92 Resp: 238098
Ion Ratio Lower Upper
92 100
91 170.4 136.7 205.1





#53

t-1,3-Dichloropropene

Concen: 53.944 ug/l

RT: 10.835 min Scan# 1510

Delta R.T. 0.000 min

Lab File: VN085242.D

Acq: 17 Dec 2024 22:24

Instrument :

MSVOA_N

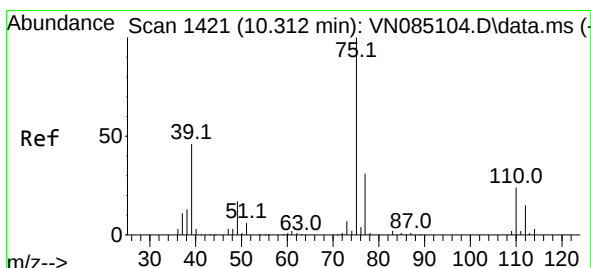
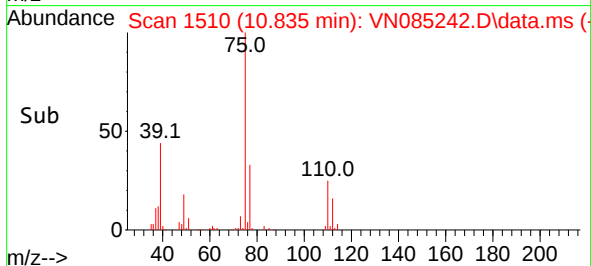
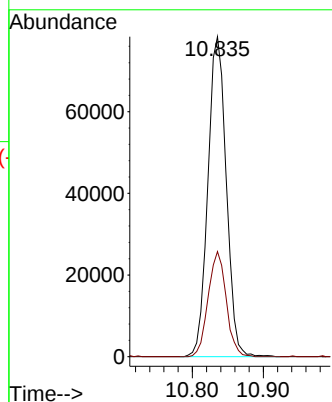
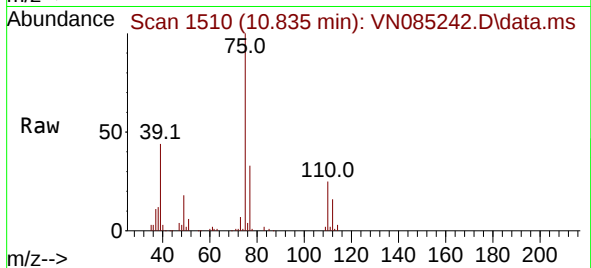
ClientSampleId :

Tgt Ion: 75 Resp: 140967

Ion Ratio Lower Upper

75 100

77 32.9 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 53.606 ug/l

RT: 10.312 min Scan# 1421

Delta R.T. 0.006 min

Lab File: VN085242.D

Acq: 17 Dec 2024 22:24

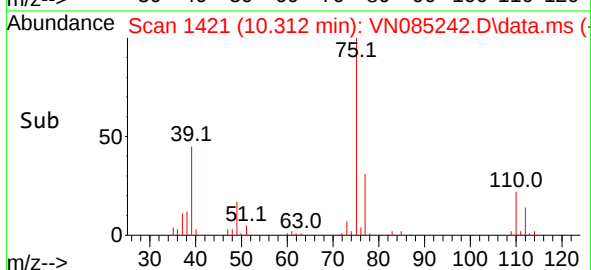
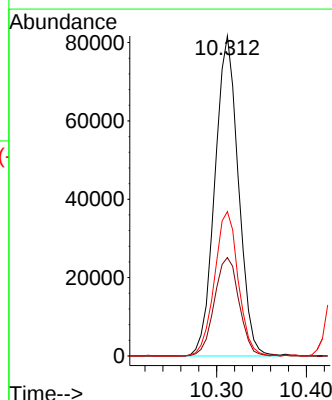
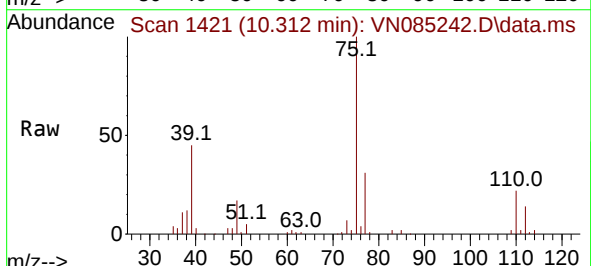
Tgt Ion: 75 Resp: 148612

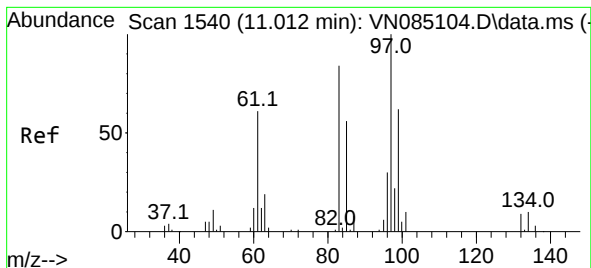
Ion Ratio Lower Upper

75 100

77 30.8 25.0 37.4

39 45.1 37.6 56.4





#55

1,1,2-Trichloroethane

Concen: 54.821 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.006 min

Lab File: VN085242.D

Acq: 17 Dec 2024 22:24

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 97 Resp: 86865

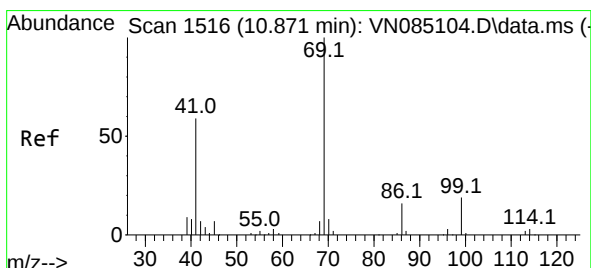
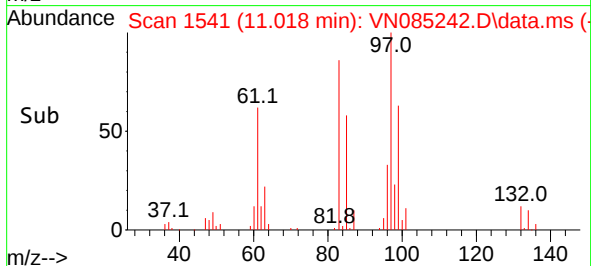
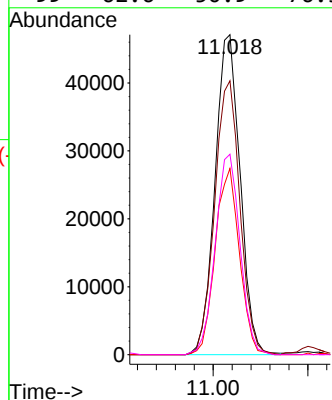
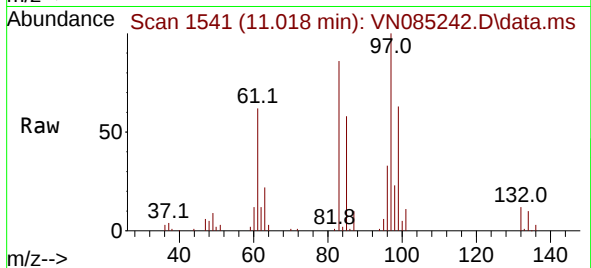
Ion Ratio Lower Upper

97 100

83 85.6 67.4 101.2

85 58.2 43.1 64.7

99 62.6 50.9 76.3



#56

Ethyl methacrylate

Concen: 64.895 ug/l

RT: 10.871 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VN085242.D

Acq: 17 Dec 2024 22:24

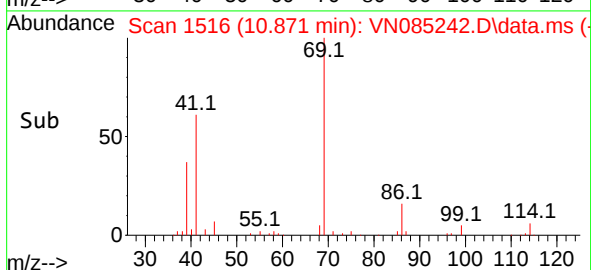
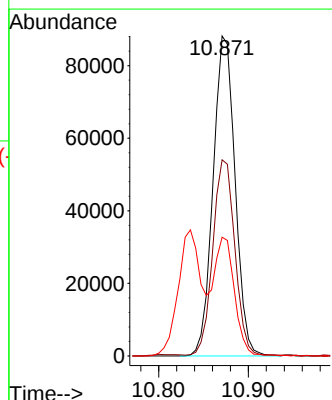
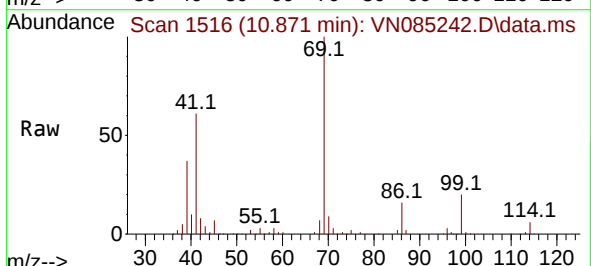
Tgt Ion: 69 Resp: 150257

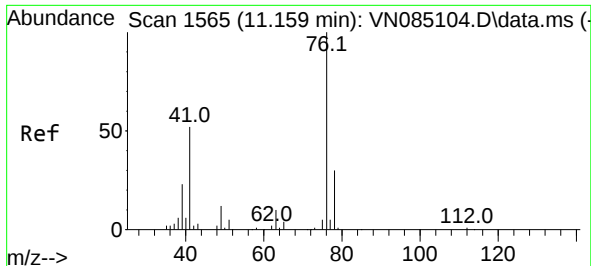
Ion Ratio Lower Upper

69 100

41 60.9 50.0 75.0

39 35.3 27.0 40.6





#57

1,3-Dichloropropane

Concen: 54.436 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.006 min

Lab File: VN085242.D

Acq: 17 Dec 2024 22:24

Instrument :

MSVOA_N

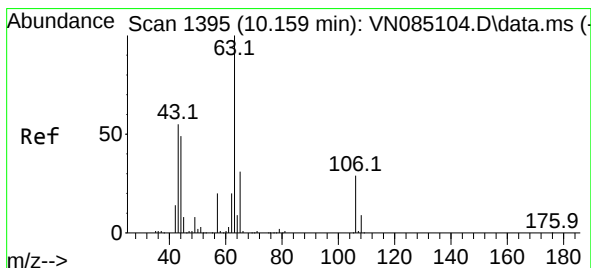
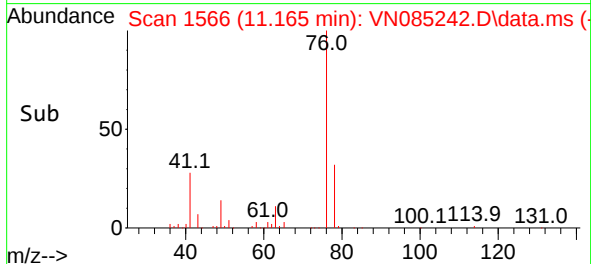
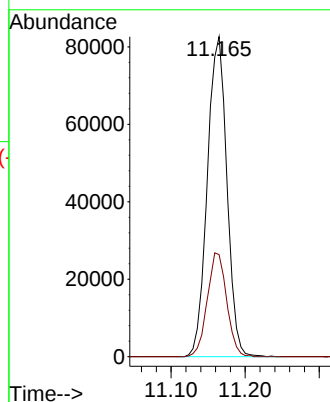
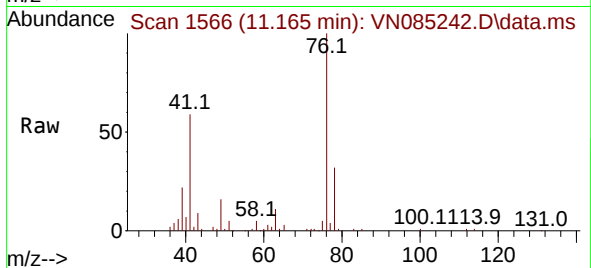
ClientSampleId :

Tgt Ion: 76 Resp: 151808

Ion Ratio Lower Upper

76 100

78 32.2 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 288.798 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN085242.D

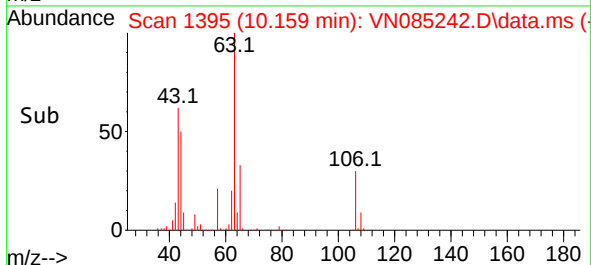
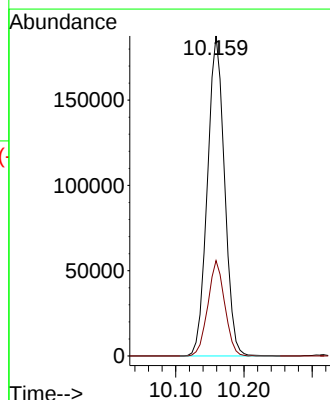
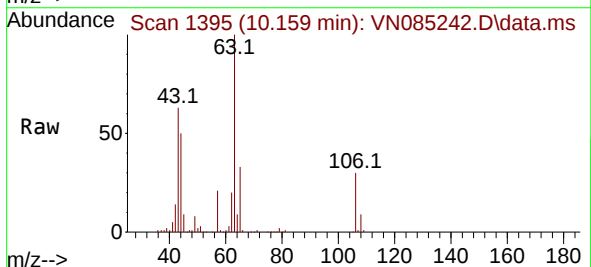
Acq: 17 Dec 2024 22:24

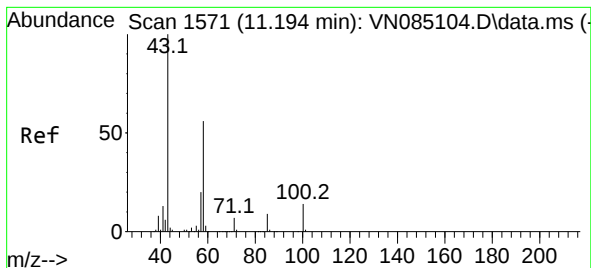
Tgt Ion: 63 Resp: 328005

Ion Ratio Lower Upper

63 100

106 29.3 23.0 34.6

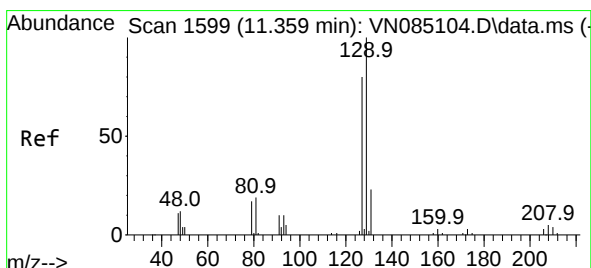
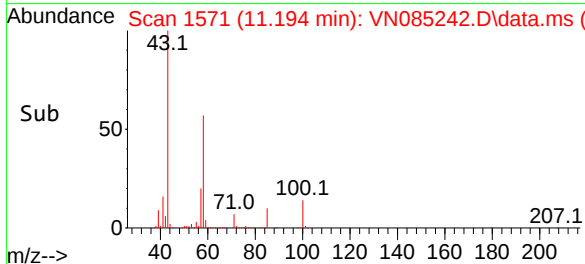
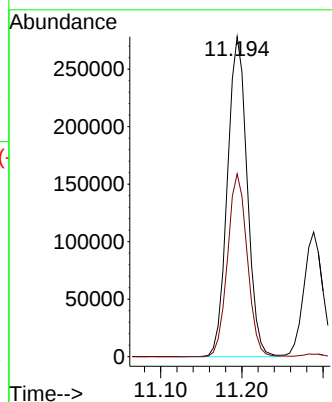
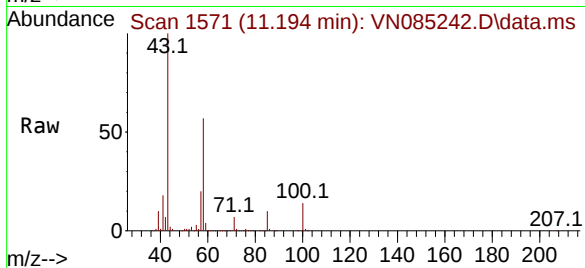




#59
2-Hexanone
Concen: 320.806 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN085242.D
Acq: 17 Dec 2024 22:24

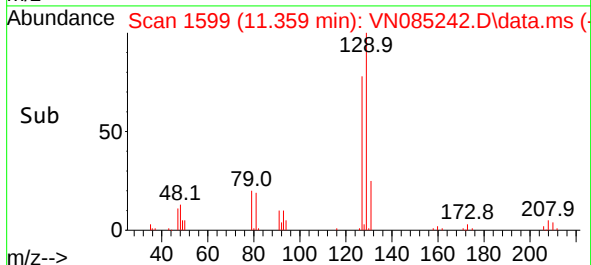
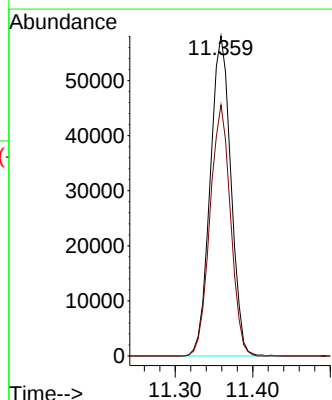
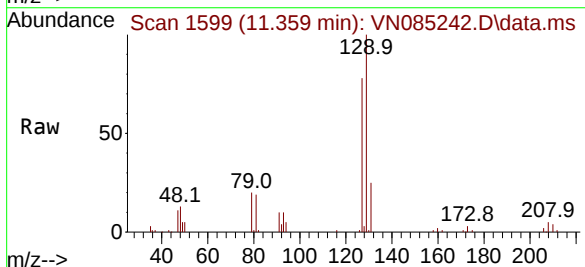
Instrument :
MSVOA_N
ClientSampleId :

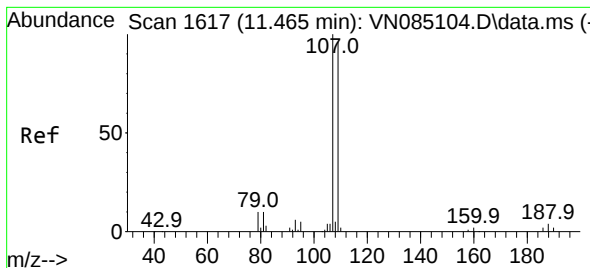
Tgt Ion: 43 Resp: 470178
Ion Ratio Lower Upper
43 100
58 57.1 28.3 85.0



#60
Dibromochloromethane
Concen: 55.603 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN085242.D
Acq: 17 Dec 2024 22:24

Tgt Ion:129 Resp: 107676
Ion Ratio Lower Upper
129 100
127 77.9 39.2 117.6





#61

1,2-Dibromoethane

Concen: 55.667 ug/l

RT: 11.471 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN085242.D

Acq: 17 Dec 2024 22:24

Instrument :

MSVOA_N

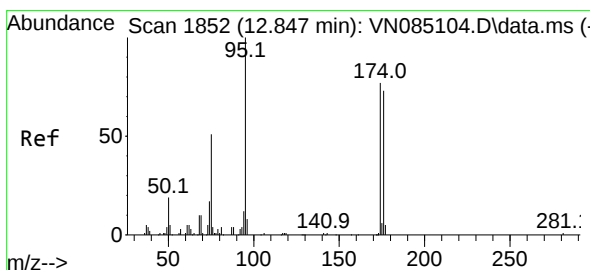
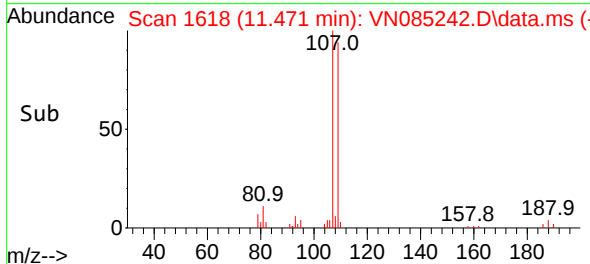
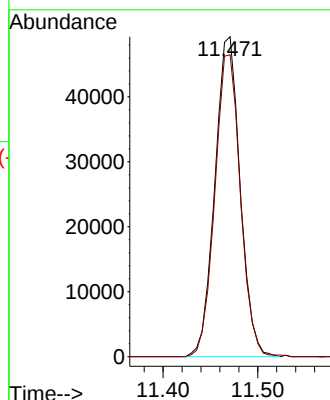
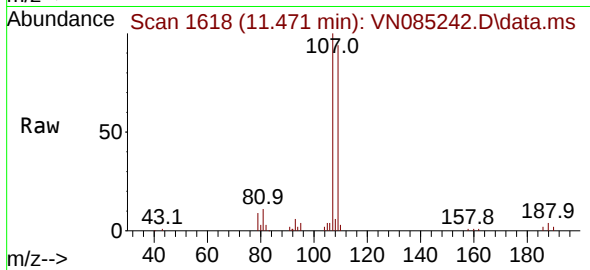
ClientSampleId :

Tgt Ion:107 Resp: 91286

Ion Ratio Lower Upper

107 100

109 95.2 76.1 114.1



#62

4-Bromofluorobenzene

Concen: 50.259 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN085242.D

Acq: 17 Dec 2024 22:24

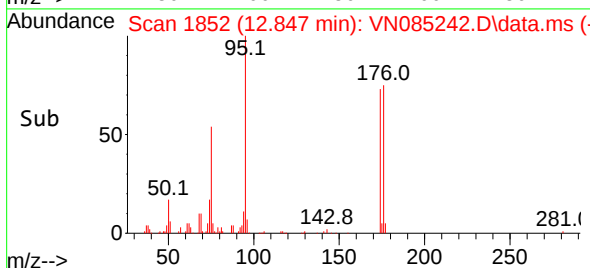
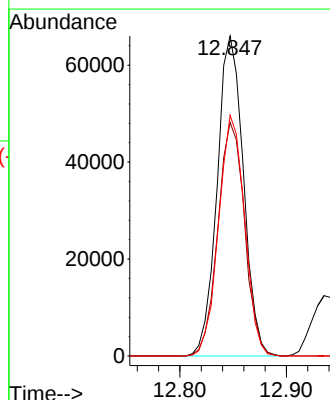
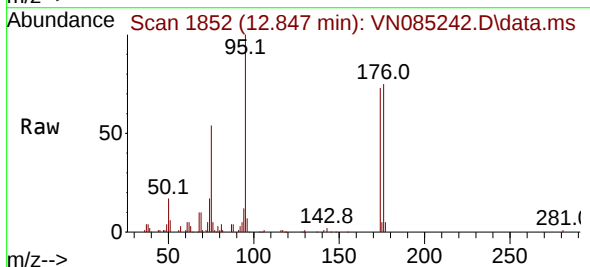
Tgt Ion: 95 Resp: 112984

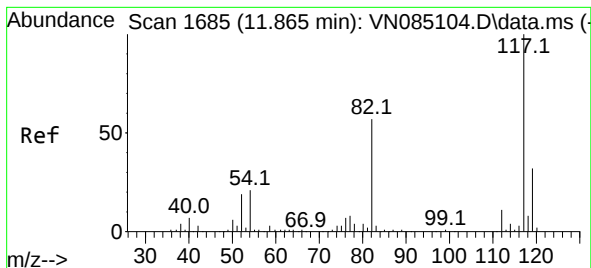
Ion Ratio Lower Upper

95 100

174 74.3 0.0 146.6

176 74.5 0.0 141.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN085242.D

Acq: 17 Dec 2024 22:24

Instrument :

MSVOA_N

ClientSampleId :

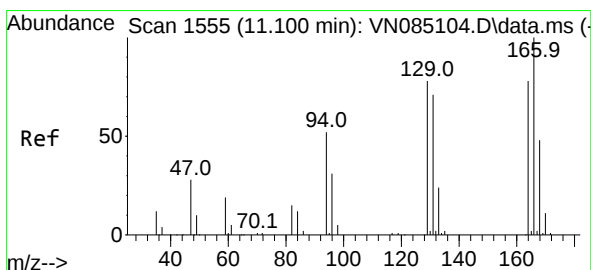
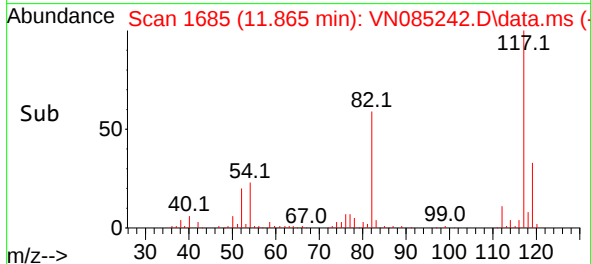
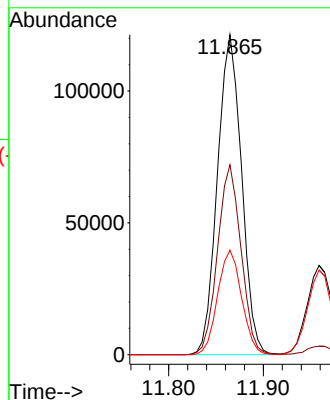
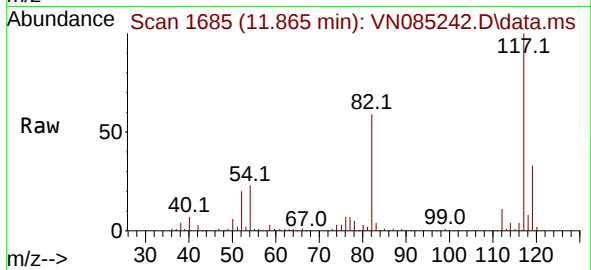
Tgt Ion:117 Resp: 215175

Ion Ratio Lower Upper

117 100

82 59.4 46.0 69.0

119 32.7 25.6 38.4



#64

Tetrachloroethene

Concen: 52.218 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.006 min

Lab File: VN085242.D

Acq: 17 Dec 2024 22:24

Tgt Ion:164 Resp: 75712

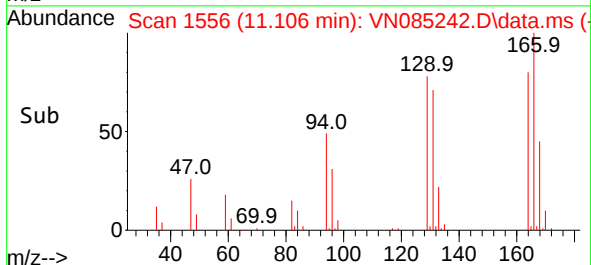
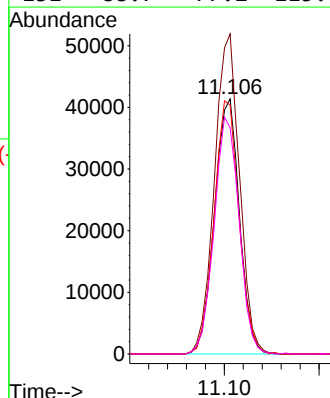
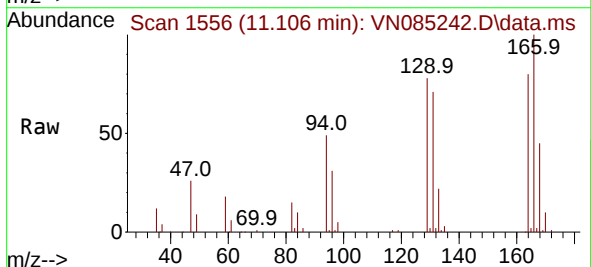
Ion Ratio Lower Upper

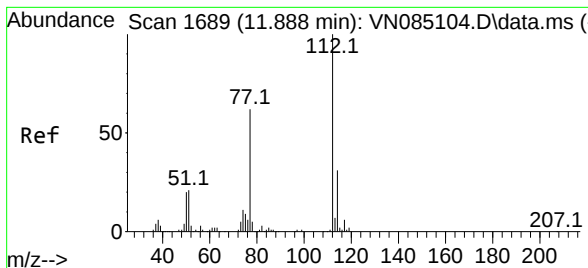
164 100

166 125.5 100.6 151.0

129 97.6 77.7 116.5

131 88.7 77.2 115.8





#65

Chlorobenzene

Concen: 51.431 ug/l

RT: 11.888 min Scan# 1689

Delta R.T. 0.000 min

Lab File: VN085242.D

Acq: 17 Dec 2024 22:24

Instrument :

MSVOA_N

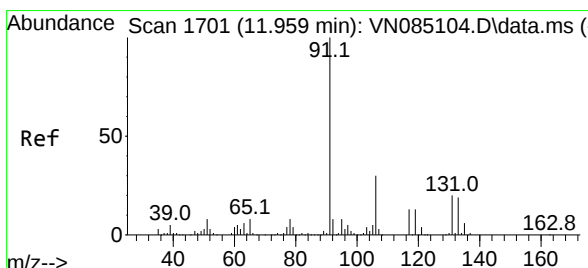
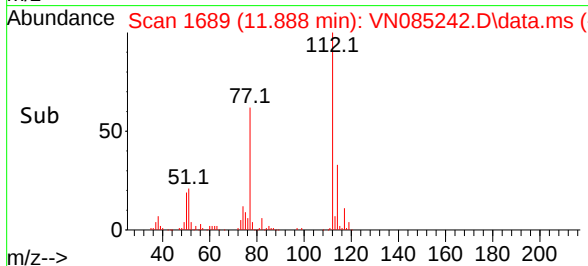
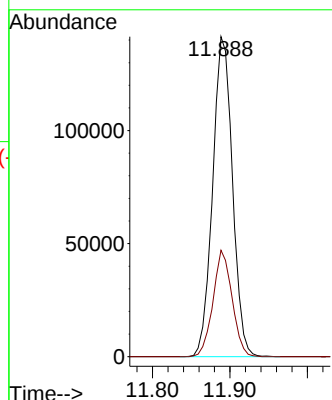
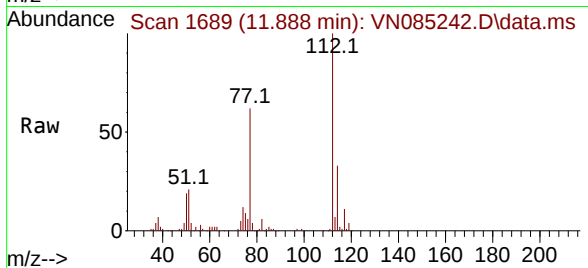
ClientSampleId :

Tgt Ion:112 Resp: 250980

Ion Ratio Lower Upper

112 100

114 33.3 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 54.401 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VN085242.D

Acq: 17 Dec 2024 22:24

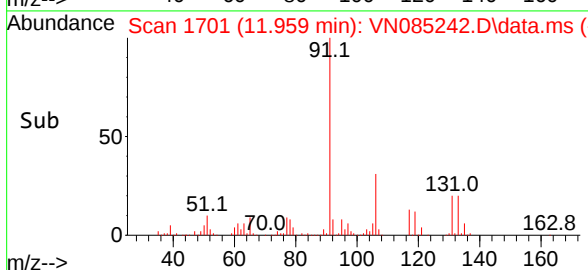
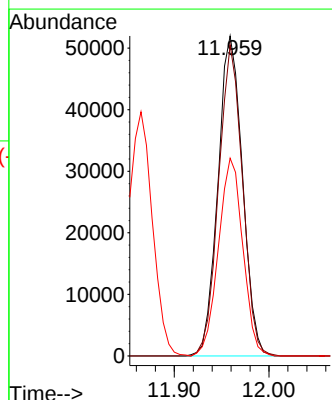
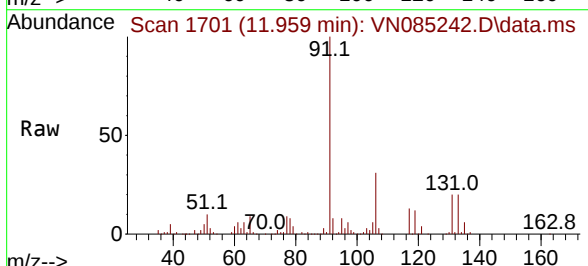
Tgt Ion:131 Resp: 93469

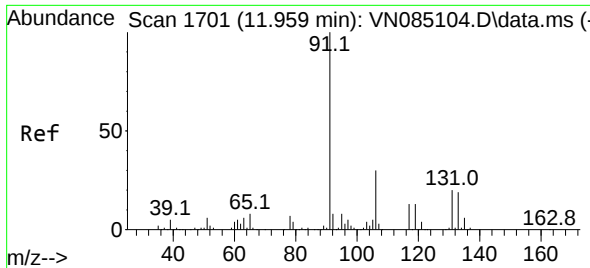
Ion Ratio Lower Upper

131 100

133 94.8 47.8 143.4

119 61.6 32.1 96.3





#67

Ethyl Benzene

Concen: 57.394 ug/l

RT: 11.965 min Scan# 1701

Delta R.T. 0.006 min

Lab File: VN085242.D

Acq: 17 Dec 2024 22:24

Instrument :

MSVOA_N

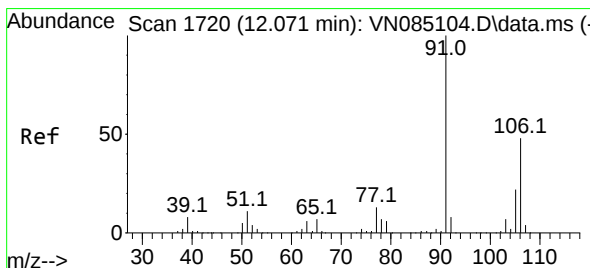
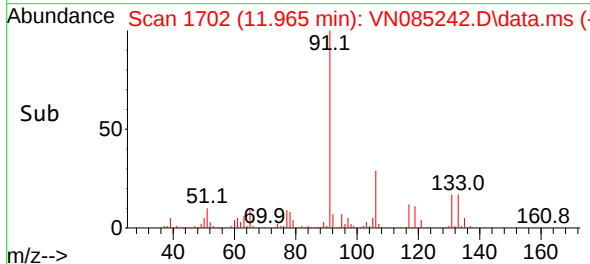
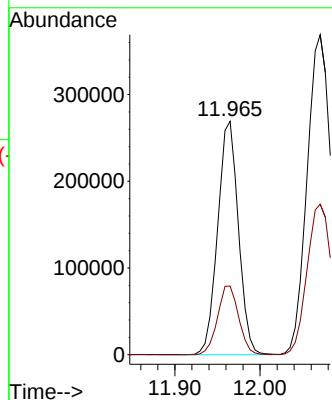
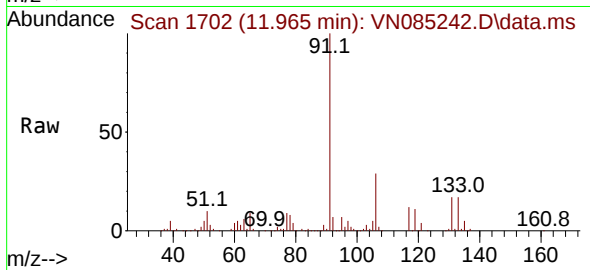
ClientSampleId :

Tgt Ion: 91 Resp: 454395

Ion Ratio Lower Upper

91 100

106 29.4 24.7 37.1



#68

m/p-Xylenes

Concen: 115.689 ug/l

RT: 12.071 min Scan# 1720

Delta R.T. 0.000 min

Lab File: VN085242.D

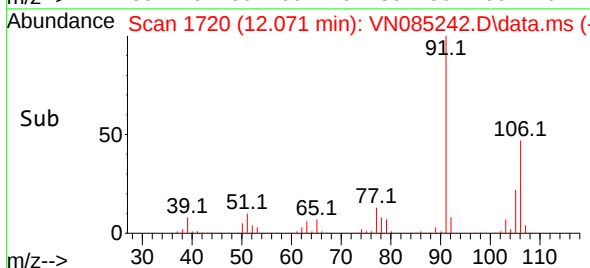
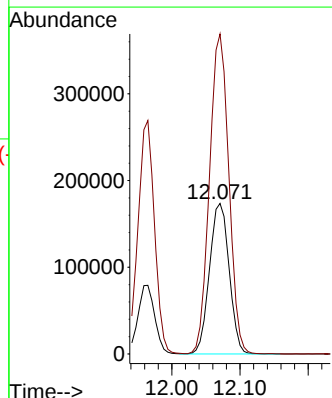
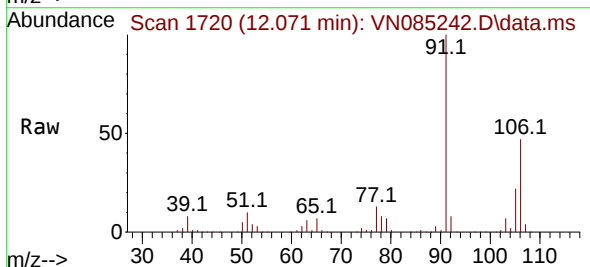
Acq: 17 Dec 2024 22:24

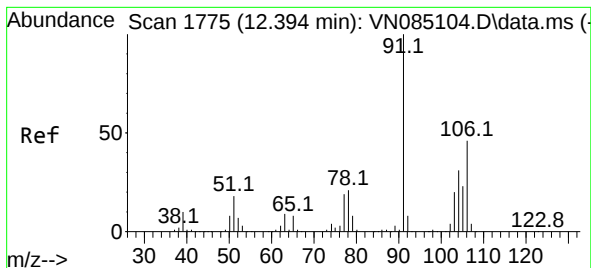
Tgt Ion:106 Resp: 348708

Ion Ratio Lower Upper

106 100

91 208.5 168.0 252.0





#69

o-Xylene

Concen: 58.249 ug/l

RT: 12.400 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN085242.D

Acq: 17 Dec 2024 22:24

Instrument :

MSVOA_N

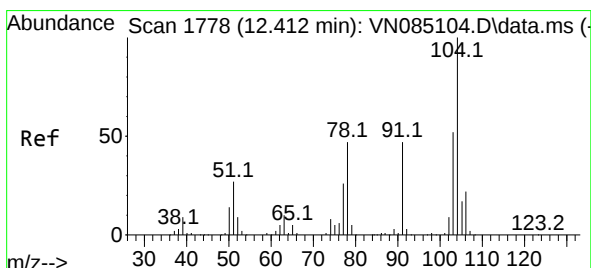
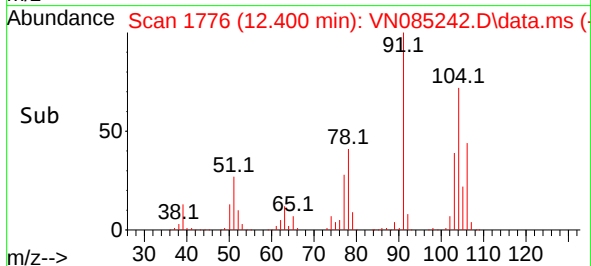
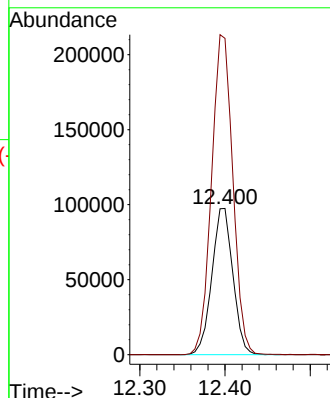
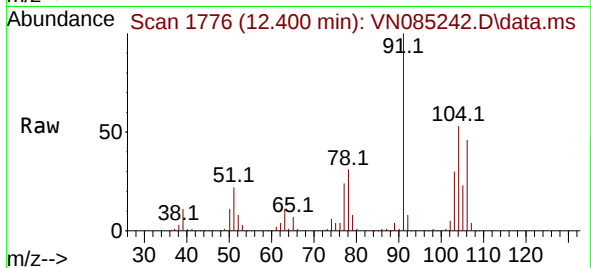
ClientSampleId :

Tgt Ion:106 Resp: 167013

Ion Ratio Lower Upper

106 100

91 221.6 110.7 331.9



#70

Styrene

Concen: 59.220 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.006 min

Lab File: VN085242.D

Acq: 17 Dec 2024 22:24

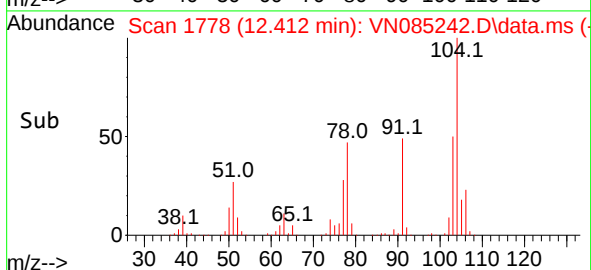
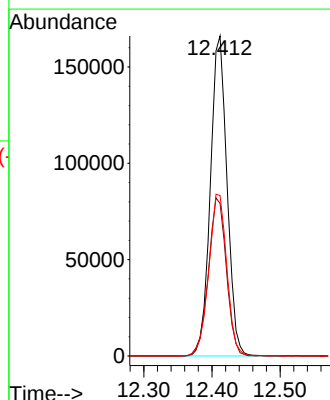
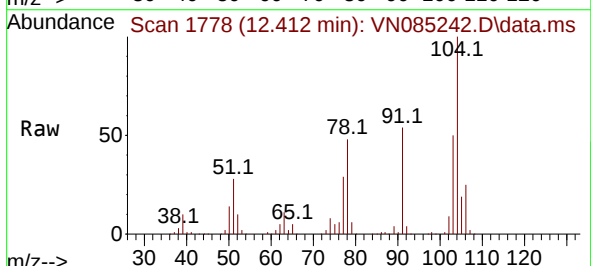
Tgt Ion:104 Resp: 282368

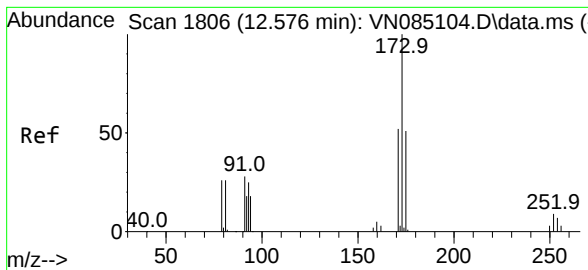
Ion Ratio Lower Upper

104 100

78 53.3 42.3 63.5

103 54.6 44.2 66.2

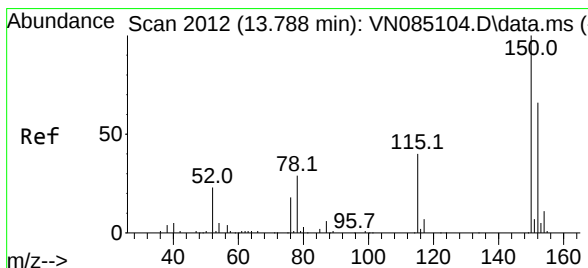
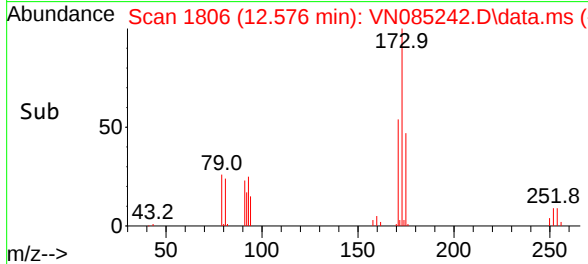
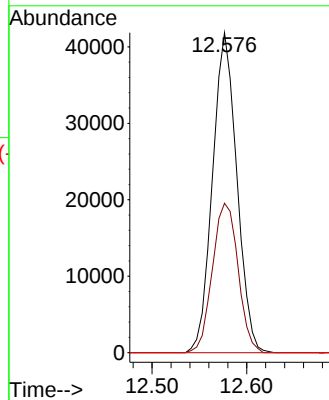
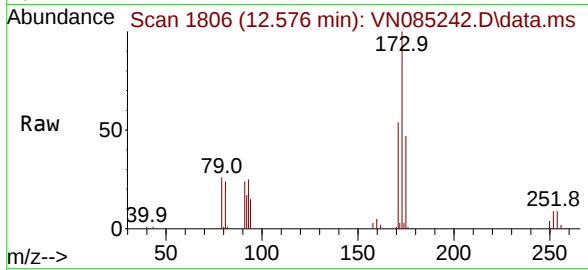




#71
Bromoform
Concen: 58.564 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN085242.D
Acq: 17 Dec 2024 22:24

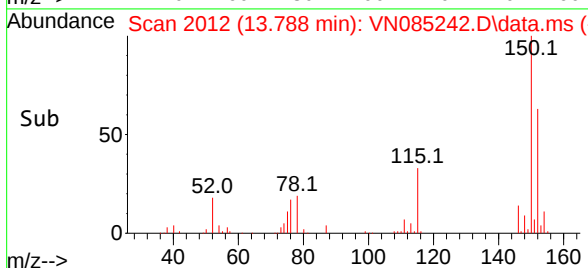
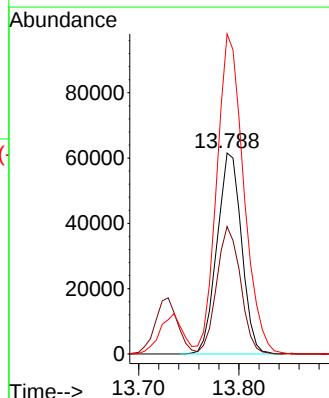
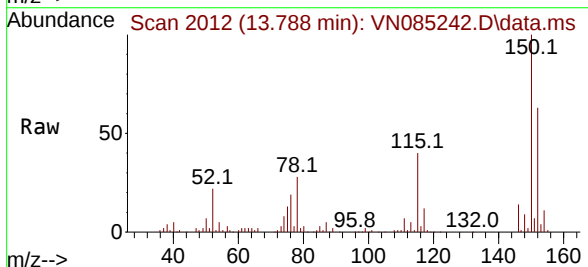
Instrument :
MSVOA_N
ClientSampleId :

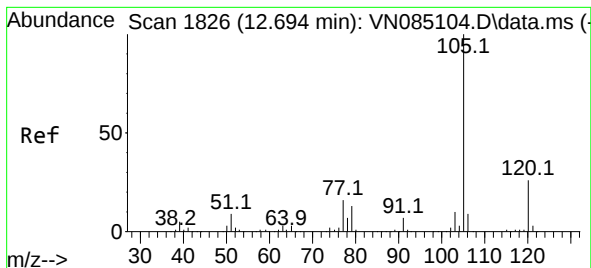
Tgt Ion:173 Resp: 74690
Ion Ratio Lower Upper
173 100
175 49.2 23.8 71.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN085242.D
Acq: 17 Dec 2024 22:24

Tgt Ion:152 Resp: 104518
Ion Ratio Lower Upper
152 100
115 61.6 31.7 95.1
150 174.9 0.0 351.4





#73

Isopropylbenzene

Concen: 58.245 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN085242.D

Acq: 17 Dec 2024 22:24

Instrument :

MSVOA_N

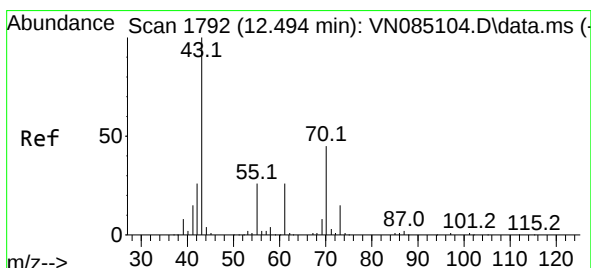
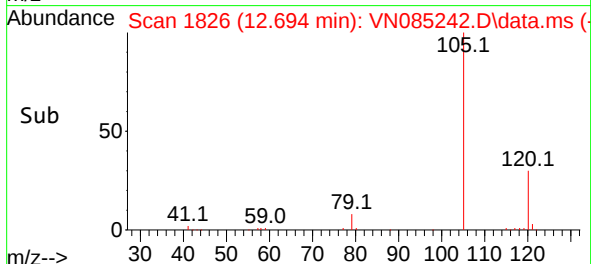
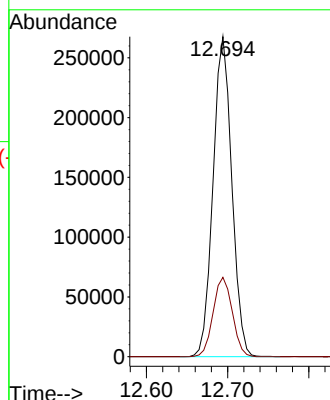
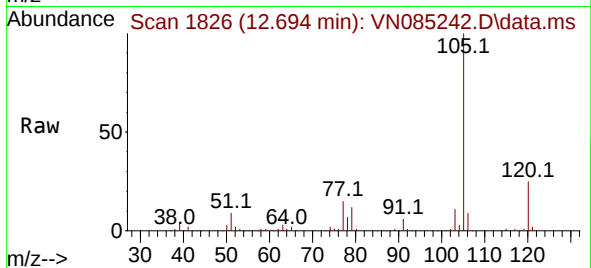
ClientSampleId :

Tgt Ion:105 Resp: 429465

Ion Ratio Lower Upper

105 100

120 25.3 13.0 39.0



#74

N-ethyl acetate

Concen: 60.945 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN085242.D

Acq: 17 Dec 2024 22:24

Tgt Ion: 43 Resp: 185175

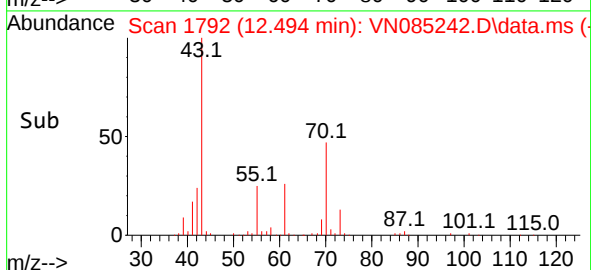
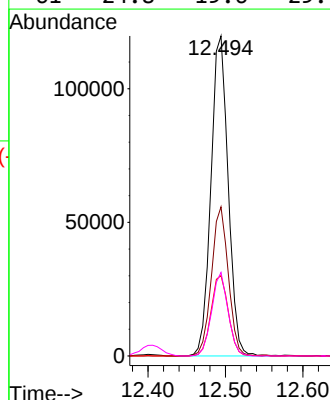
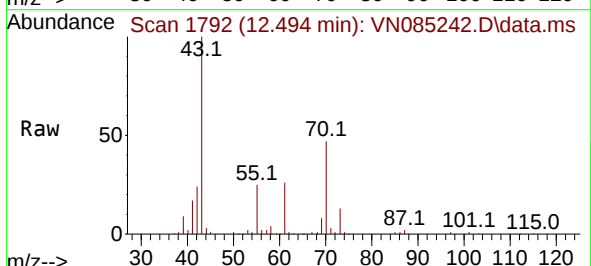
Ion Ratio Lower Upper

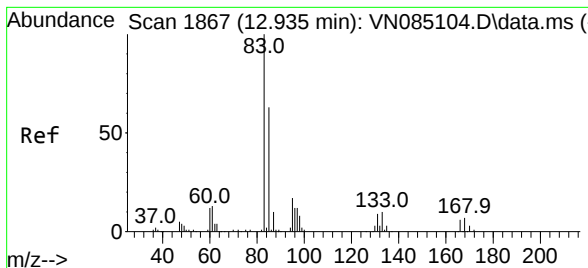
43 100

70 45.6 34.6 51.8

55 25.3 20.5 30.7

61 24.8 19.6 29.4

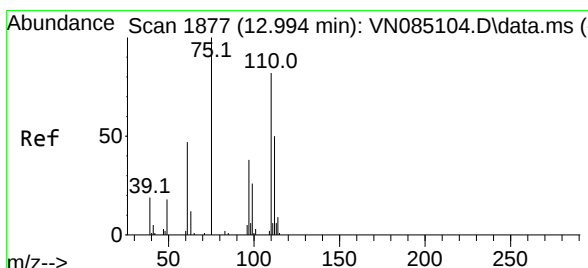
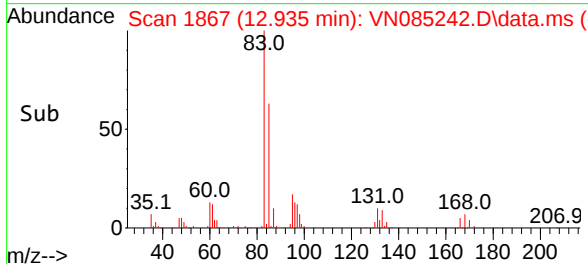
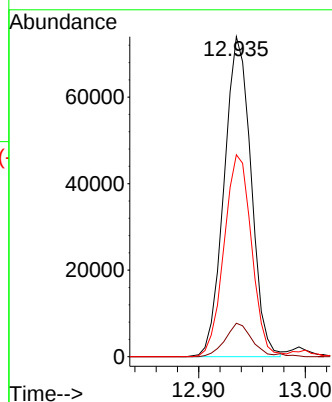
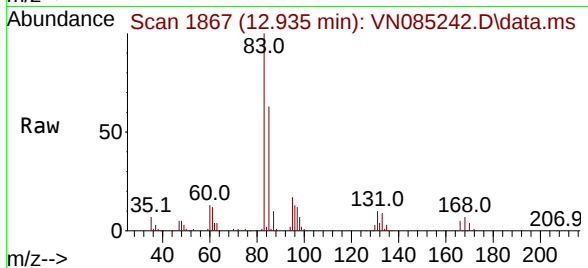




#75
 1,1,2,2-Tetrachloroethane
 Concen: 51.652 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. 0.000 min
 Lab File: VN085242.D
 Acq: 17 Dec 2024 22:24

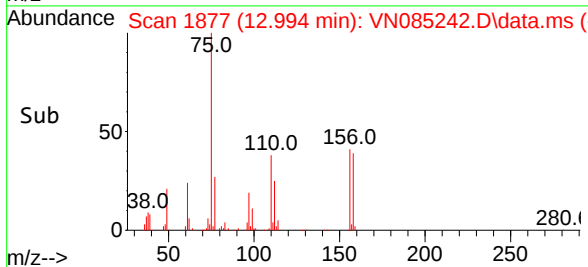
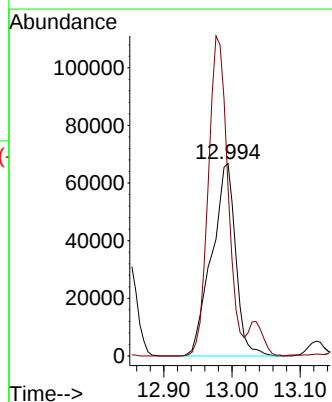
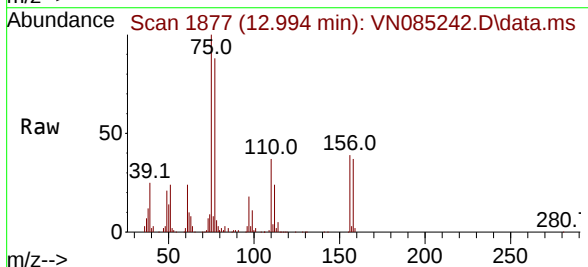
Instrument :
 MSVOA_N
 ClientSampleId :

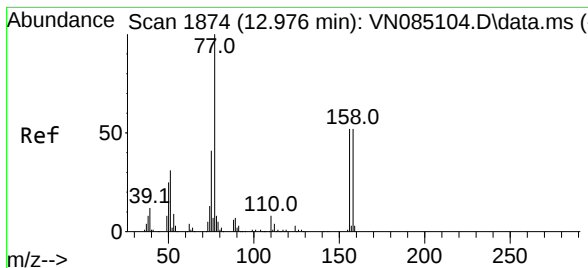
Tgt Ion: 83 Resp: 130051
 Ion Ratio Lower Upper
 83 100
 131 10.7 5.1 15.4
 85 64.4 32.1 96.3



#76
 1,2,3-Trichloropropane
 Concen: 85.839 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. 0.000 min
 Lab File: VN085242.D
 Acq: 17 Dec 2024 22:24

Tgt Ion: 75 Resp: 163189
 Ion Ratio Lower Upper
 75 100
 77 135.9 109.1 327.4





#77

Bromobenzene

Concen: 51.789 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. 0.000 min

Lab File: VN085242.D

Acq: 17 Dec 2024 22:24

Instrument :

MSVOA_N

ClientSampleId :

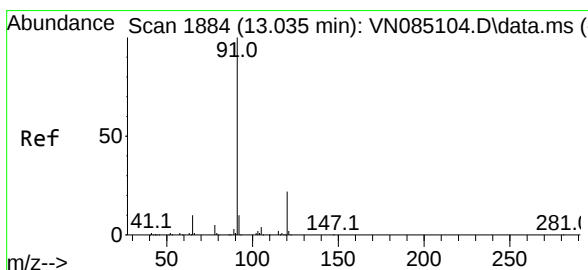
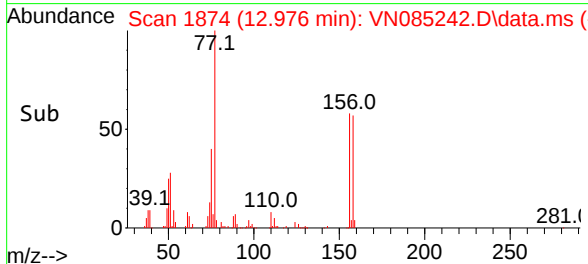
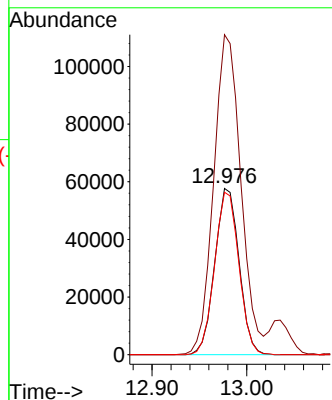
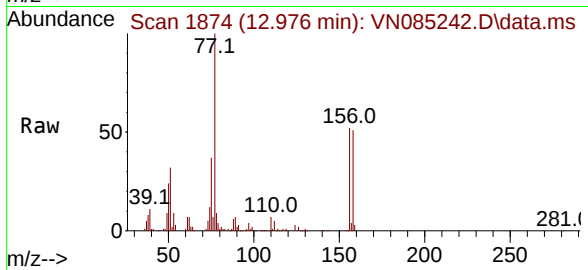
Tgt Ion:156 Resp: 102762

Ion Ratio Lower Upper

156 100

77 215.8 107.2 321.6

158 97.7 48.5 145.6



#78

n-propylbenzene

Concen: 56.952 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN085242.D

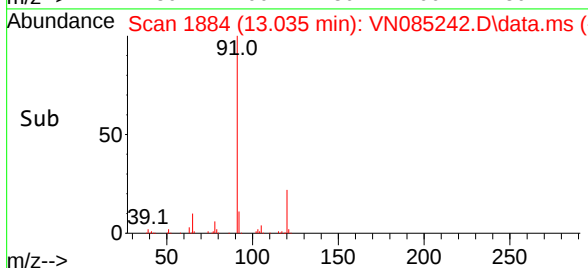
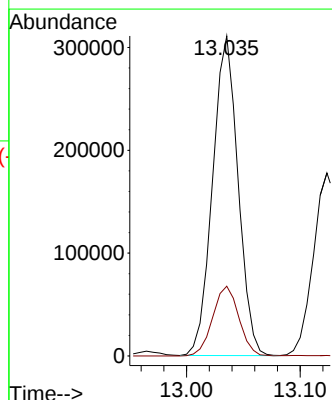
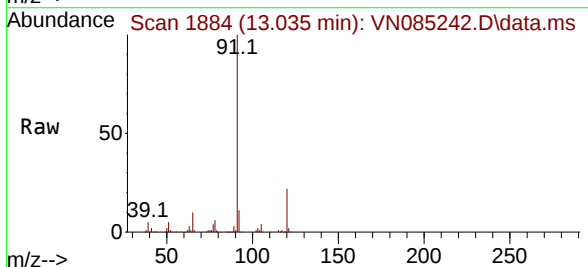
Acq: 17 Dec 2024 22:24

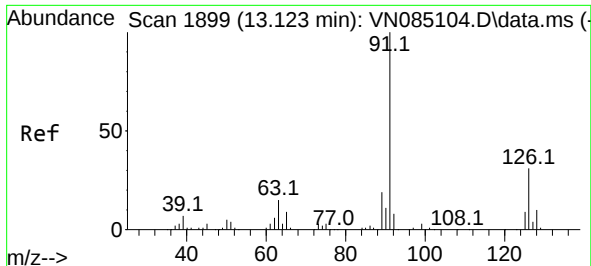
Tgt Ion: 91 Resp: 484348

Ion Ratio Lower Upper

91 100

120 22.4 11.3 33.9

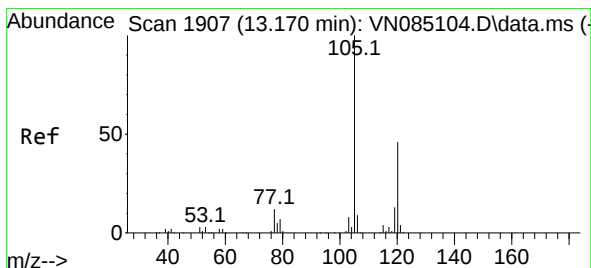
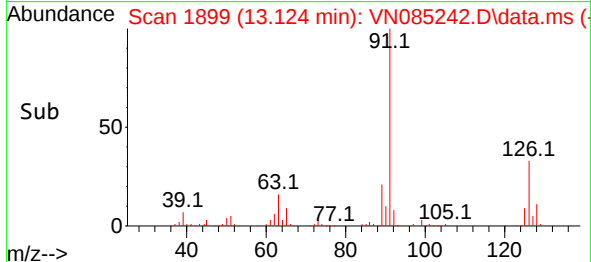
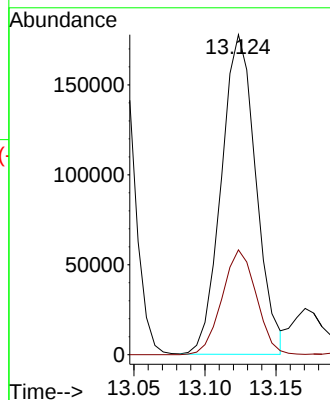
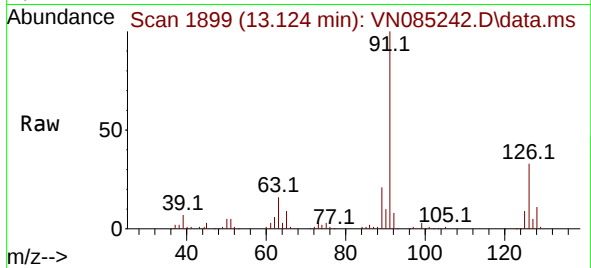




#79
2-Chlorotoluene
Concen: 53.150 ug/l
RT: 13.124 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN085242.D
Acq: 17 Dec 2024 22:24

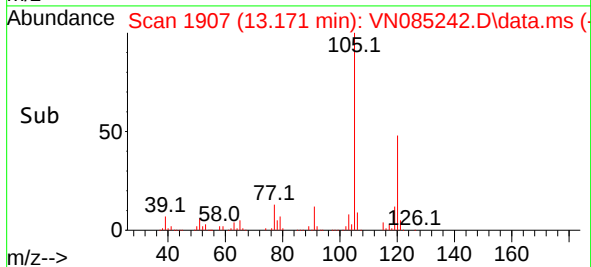
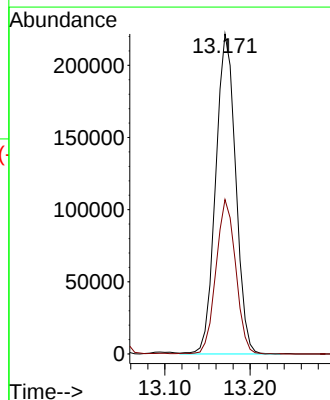
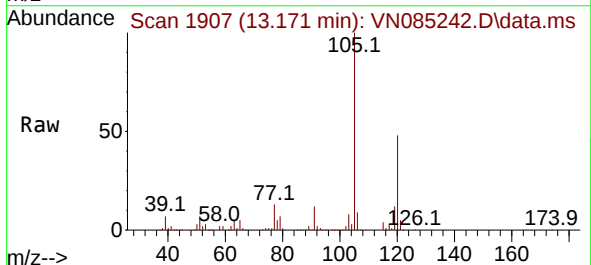
Instrument :
MSVOA_N
ClientSampleId :

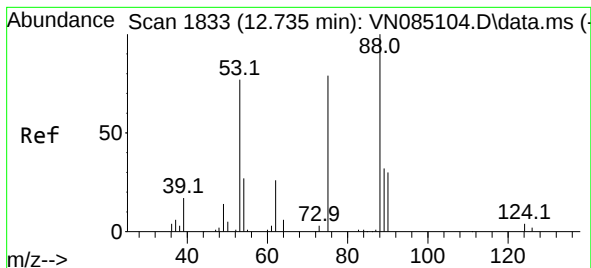
Tgt Ion: 91 Resp: 301742
Ion Ratio Lower Upper
91 100
126 32.3 16.1 48.3



#80
1,3,5-Trimethylbenzene
Concen: 58.398 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN085242.D
Acq: 17 Dec 2024 22:24

Tgt Ion:105 Resp: 361323
Ion Ratio Lower Upper
105 100
120 47.5 23.6 71.0

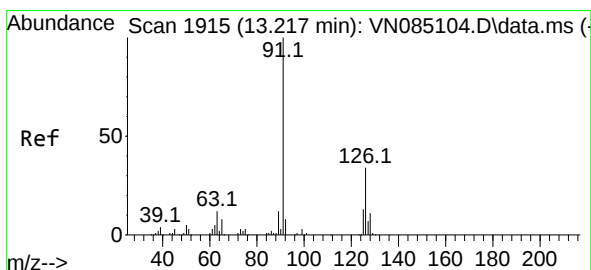
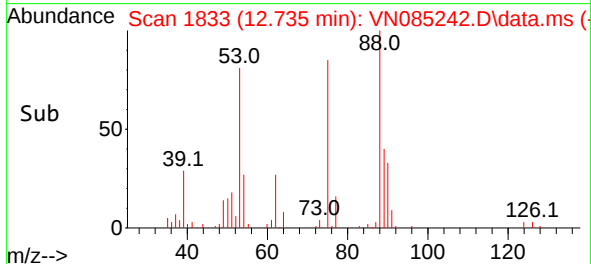
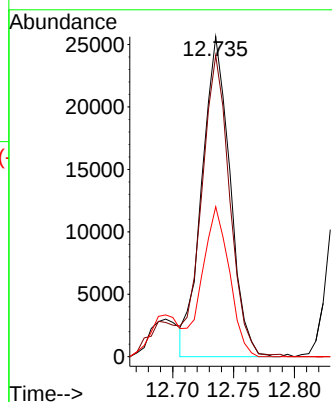
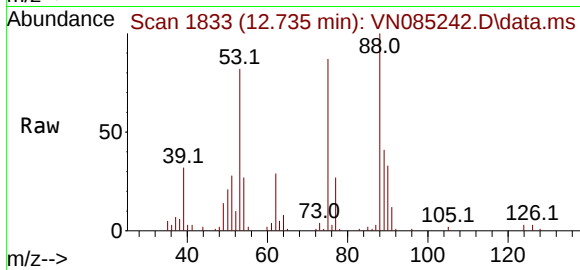




#81
trans-1,4-Dichloro-2-butene
Concen: 47.739 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN085242.D
Acq: 17 Dec 2024 22:24

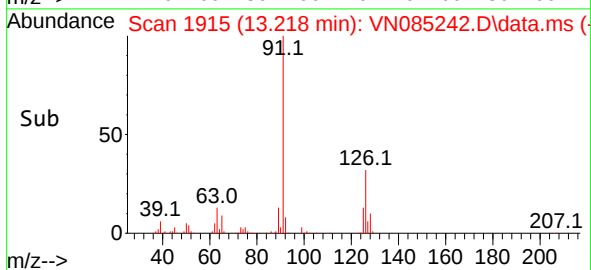
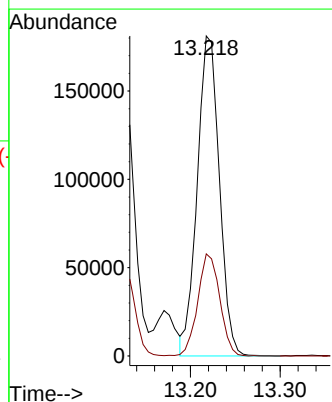
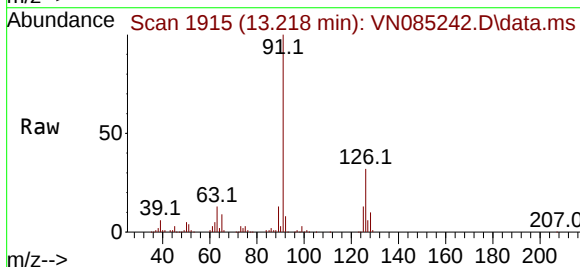
Instrument :
MSVOA_N
ClientSampleId :

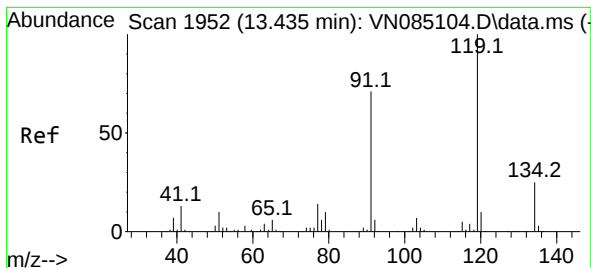
Tgt Ion: 75 Resp: 41112
Ion Ratio Lower Upper
75 100
53 94.3 78.2 117.4
89 46.2 37.9 56.9



#82
4-Chlorotoluene
Concen: 52.489 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085242.D
Acq: 17 Dec 2024 22:24

Tgt Ion: 91 Resp: 310209
Ion Ratio Lower Upper
91 100
126 31.8 16.1 48.3





#83

tert-Butylbenzene

Concen: 58.162 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VN085242.D

Acq: 17 Dec 2024 22:24

Instrument :

MSVOA_N

ClientSampleId :

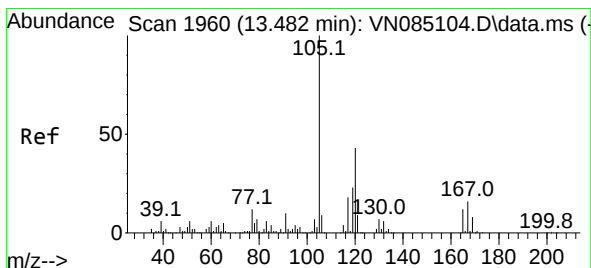
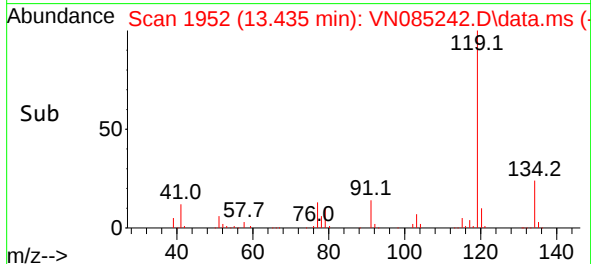
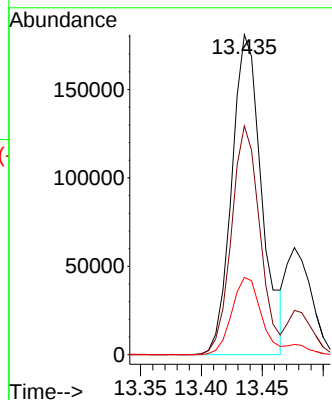
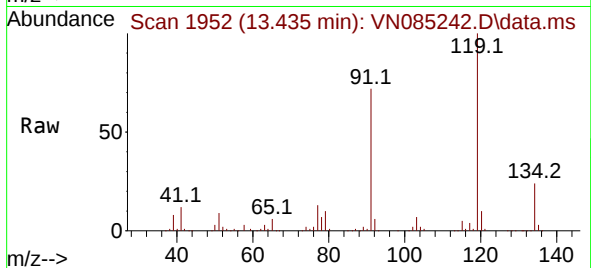
Tgt Ion:119 Resp: 309630

Ion Ratio Lower Upper

119 100

91 68.0 35.1 105.5

134 24.1 12.1 36.3



#84

1,2,4-Trimethylbenzene

Concen: 56.981 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.006 min

Lab File: VN085242.D

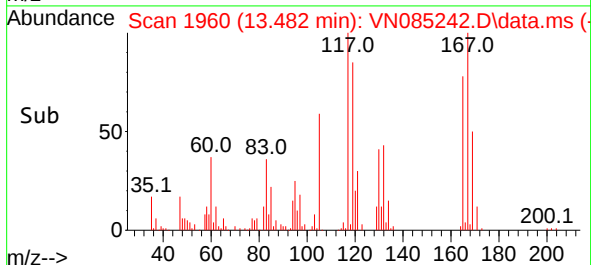
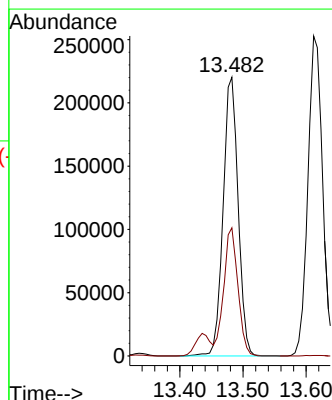
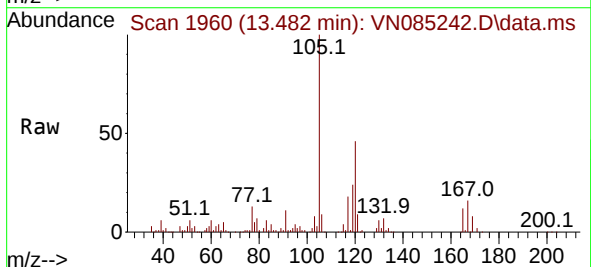
Acq: 17 Dec 2024 22:24

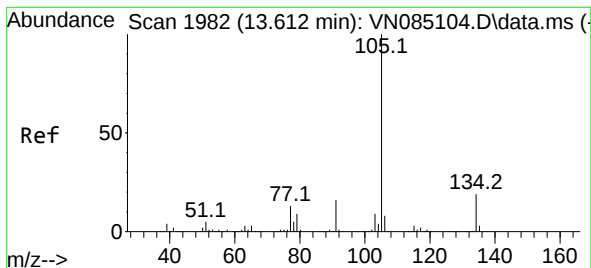
Tgt Ion:105 Resp: 362903

Ion Ratio Lower Upper

105 100

120 43.7 21.8 65.4





#85

sec-Butylbenzene

Concen: 56.344 ug/l

RT: 13.612 min Scan# 1982

Delta R.T. 0.000 min

Lab File: VN085242.D

Acq: 17 Dec 2024 22:24

Instrument :

MSVOA_N

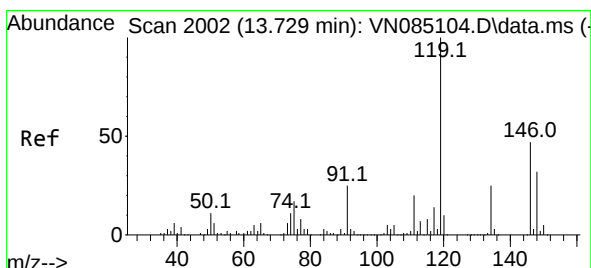
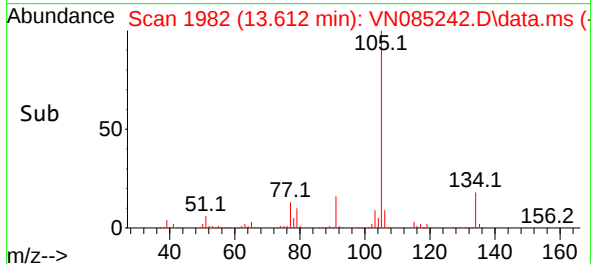
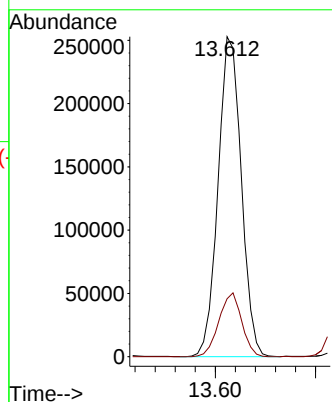
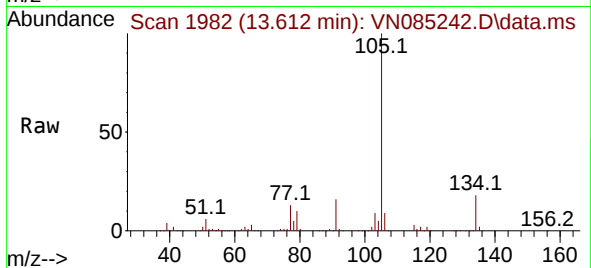
ClientSampleId :

Tgt Ion:105 Resp: 405194

Ion Ratio Lower Upper

105 100

134 19.6 9.8 29.3



#86

p-Isopropyltoluene

Concen: 57.965 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.006 min

Lab File: VN085242.D

Acq: 17 Dec 2024 22:24

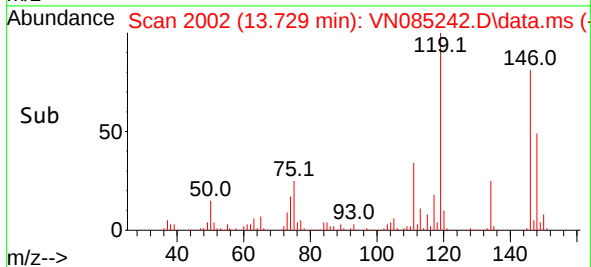
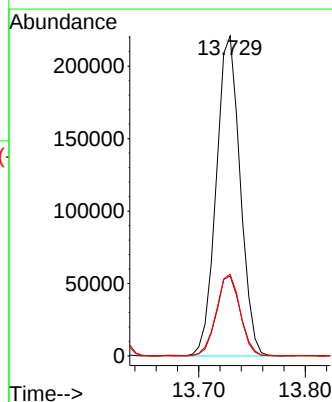
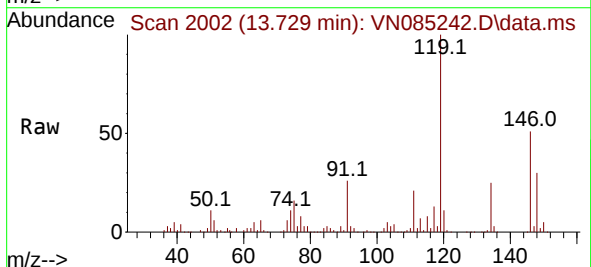
Tgt Ion:119 Resp: 344109

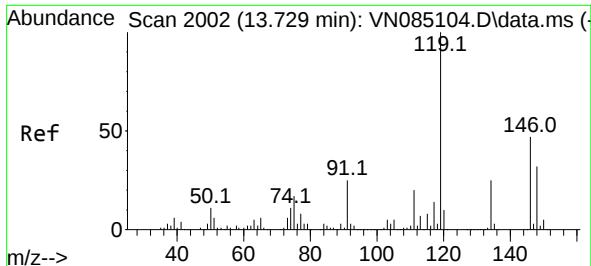
Ion Ratio Lower Upper

119 100

134 24.9 13.0 39.0

91 25.3 12.8 38.4

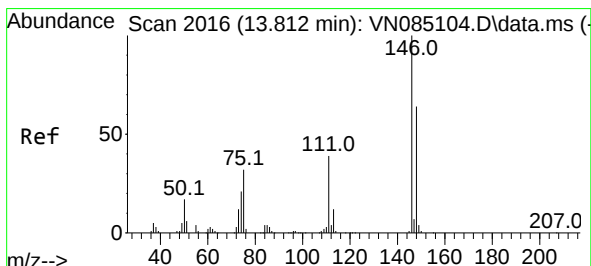
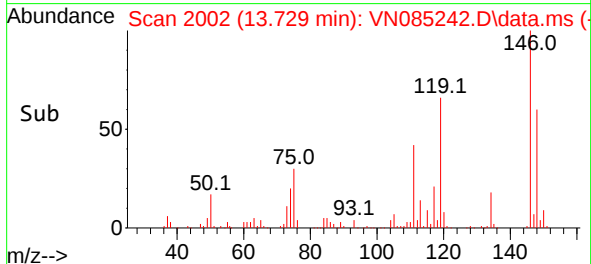
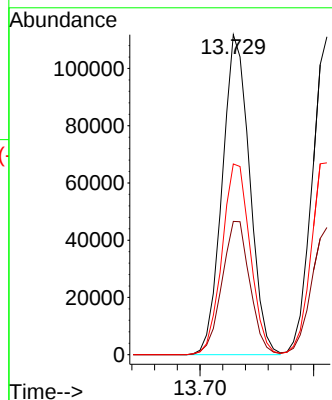
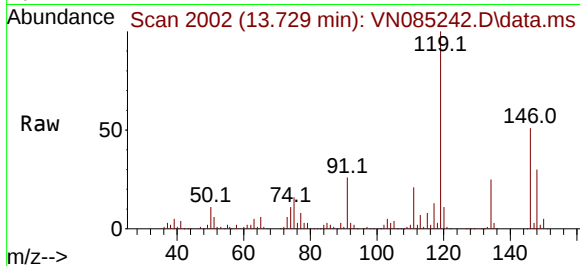




#87
 1,3-Dichlorobenzene
 Concen: 47.791 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN085242.D
 Acq: 17 Dec 2024 22:24

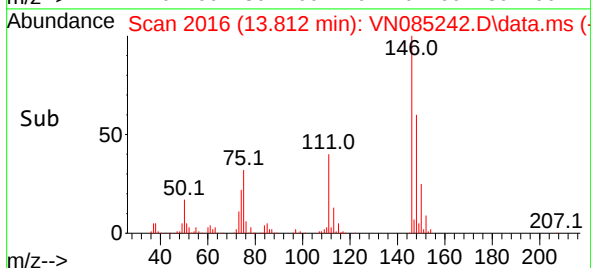
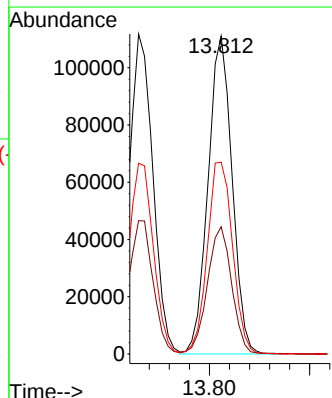
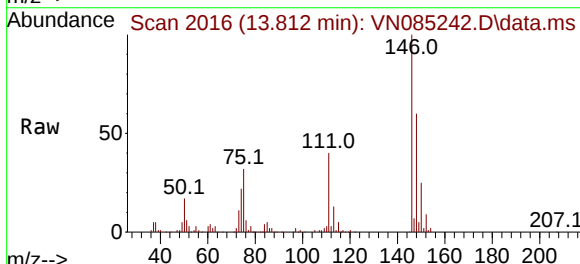
Instrument :
 MSVOA_N
 ClientSampleId :

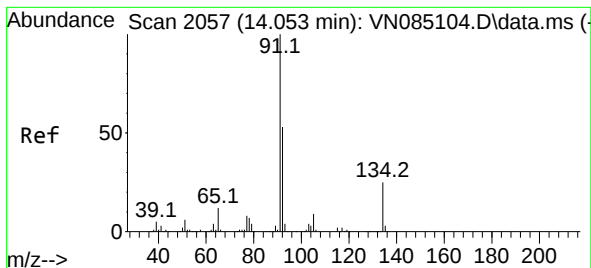
Tgt Ion:146 Resp: 187043
 Ion Ratio Lower Upper
 146 100
 111 42.4 21.6 65.0
 148 61.2 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 46.366 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN085242.D
 Acq: 17 Dec 2024 22:24

Tgt Ion:146 Resp: 185185
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.9 62.8
 148 63.6 31.3 93.9





#89

n-Butylbenzene

Concen: 50.118 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VN085242.D

Acq: 17 Dec 2024 22:24

Instrument :

MSVOA_N

ClientSampleId :

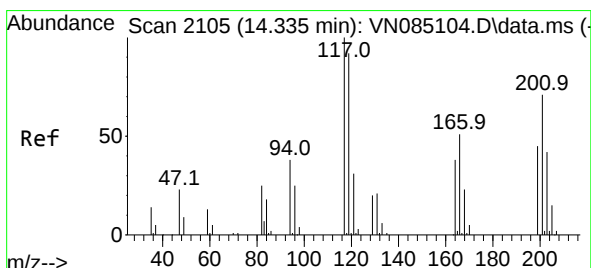
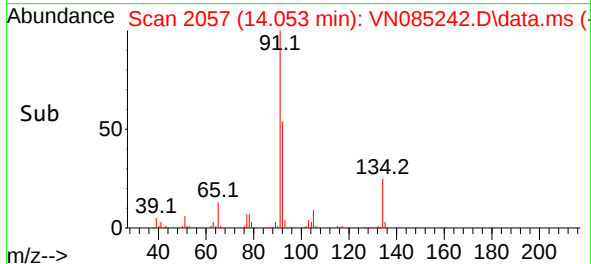
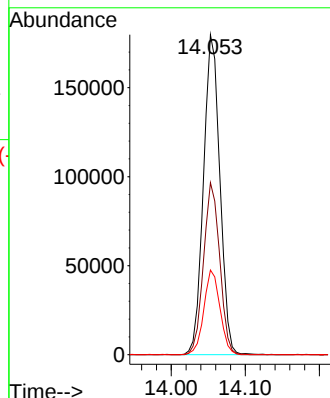
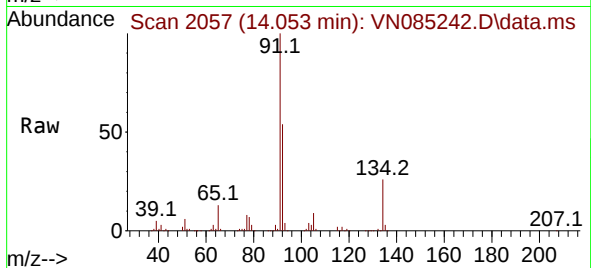
Tgt Ion: 91 Resp: 276686

Ion Ratio Lower Upper

91 100

92 52.9 26.8 80.3

134 26.0 12.8 38.4



#90

Hexachloroethane

Concen: 51.910 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.006 min

Lab File: VN085242.D

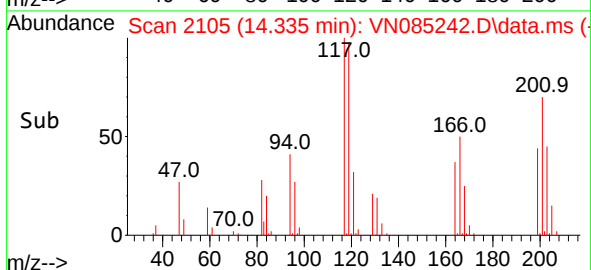
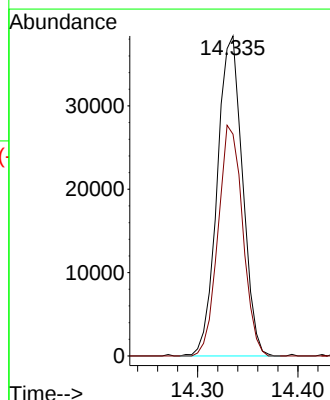
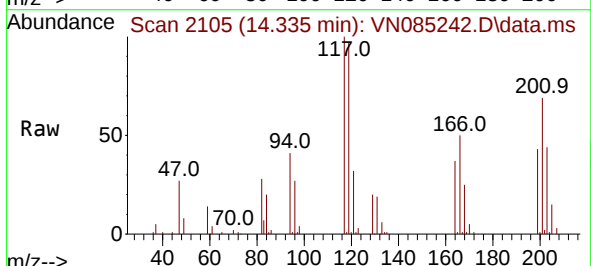
Acq: 17 Dec 2024 22:24

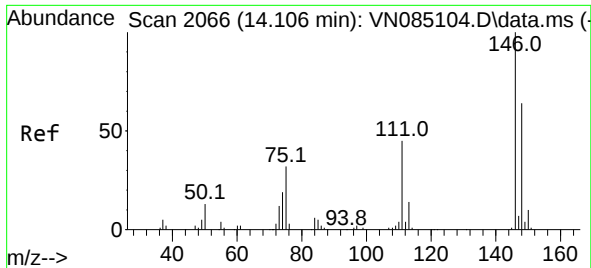
Tgt Ion: 117 Resp: 67172

Ion Ratio Lower Upper

117 100

201 70.2 35.2 105.6

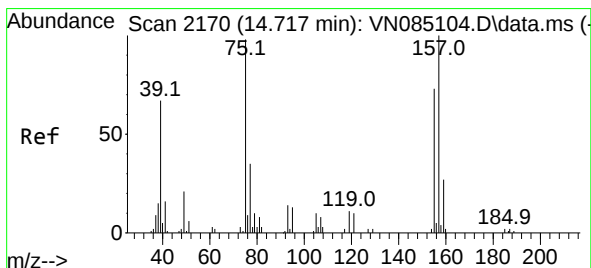
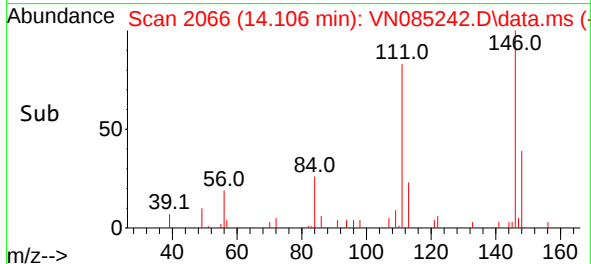
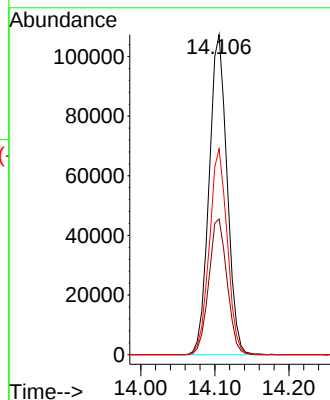
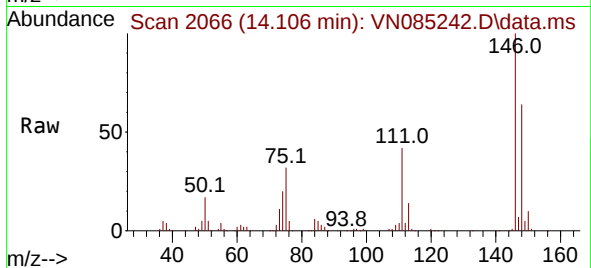




#91
1,2-Dichlorobenzene
Concen: 48.208 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN085242.D
Acq: 17 Dec 2024 22:24

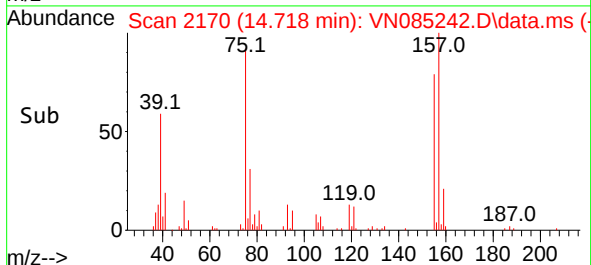
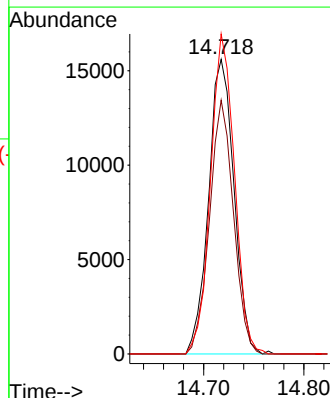
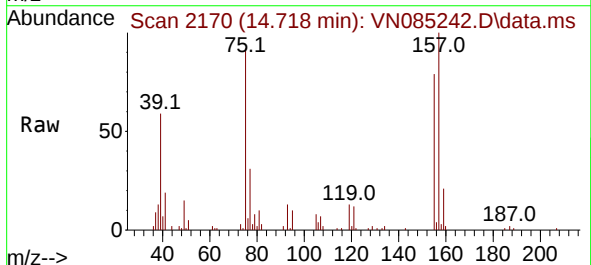
Instrument :
MSVOA_N
ClientSampleId :

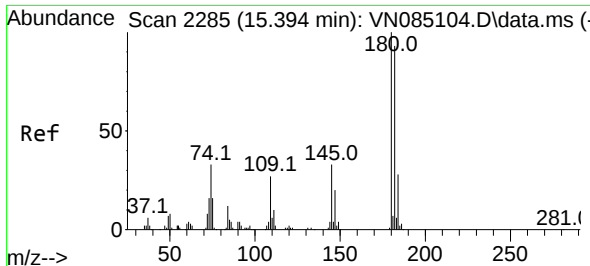
Tgt Ion:146 Resp: 180795
Ion Ratio Lower Upper
146 100
111 43.1 21.9 65.8
148 64.0 31.1 93.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 56.612 ug/l
RT: 14.718 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN085242.D
Acq: 17 Dec 2024 22:24

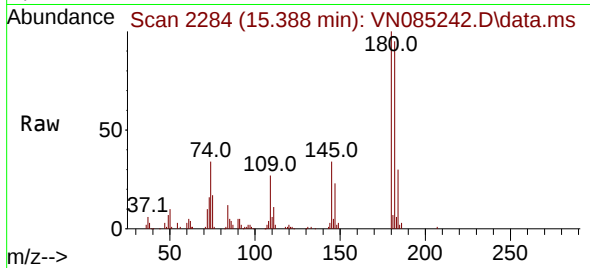
Tgt Ion: 75 Resp: 27563
Ion Ratio Lower Upper
75 100
155 81.1 38.9 116.7
157 102.0 48.3 144.9



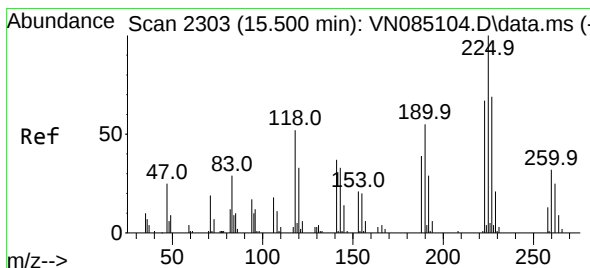
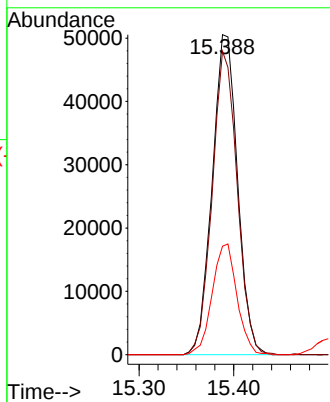
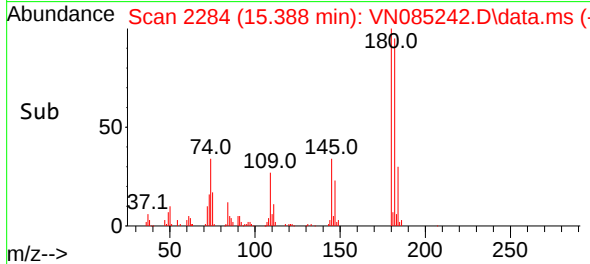


#93
 1,2,4-Trichlorobenzene
 Concen: 46.205 ug/l
 RT: 15.388 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN085242.D
 Acq: 17 Dec 2024 22:24

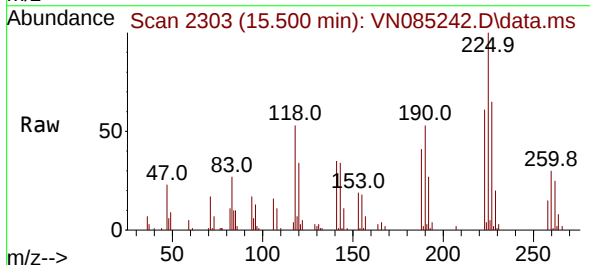
Instrument :
 MSVOA_N
 ClientSampleId :



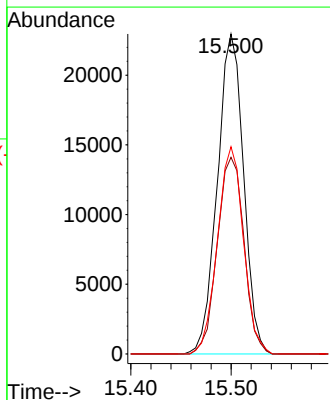
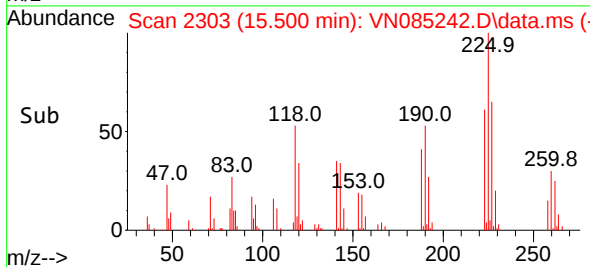
Tgt Ion:180 Resp: 94140
 Ion Ratio Lower Upper
 180 100
 182 93.5 46.9 140.8
 145 33.8 16.3 48.8

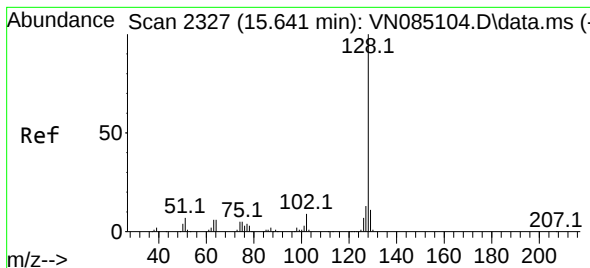


#94
 Hexachlorobutadiene
 Concen: 44.277 ug/l
 RT: 15.500 min Scan# 2303
 Delta R.T. 0.000 min
 Lab File: VN085242.D
 Acq: 17 Dec 2024 22:24



Tgt Ion:225 Resp: 41634
 Ion Ratio Lower Upper
 225 100
 223 62.5 30.9 92.8
 227 64.1 31.5 94.5





#95

Naphthalene

Concen: 57.220 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN085242.D

Acq: 17 Dec 2024 22:24

Instrument :

MSVOA_N

ClientSampleId :

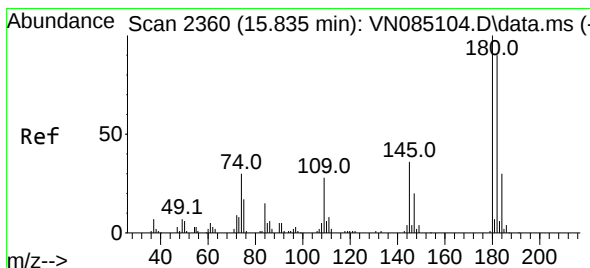
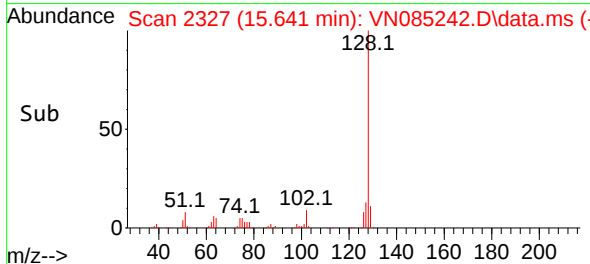
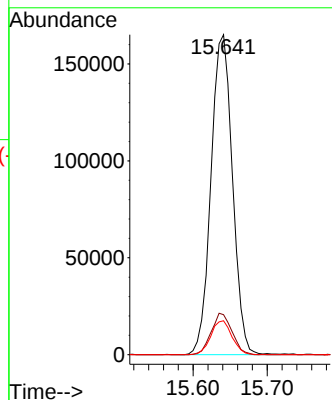
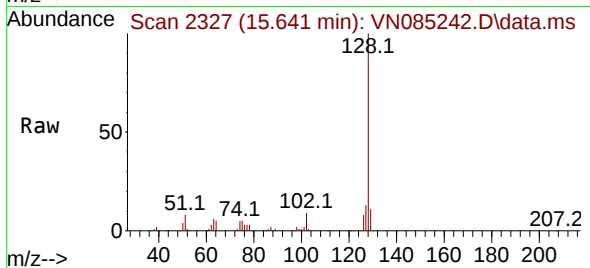
Tgt Ion:128 Resp: 332045

Ion Ratio Lower Upper

128 100

127 12.5 10.6 16.0

129 10.4 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 47.451 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN085242.D

Acq: 17 Dec 2024 22:24

Tgt Ion:180 Resp: 92248

Ion Ratio Lower Upper

180 100

182 96.2 46.4 139.2

145 35.3 17.3 52.0

