

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120924\
 Data File : VN085144.D
 Acq On : 09 Dec 2024 11:35
 Operator : JC\MD
 Sample : VN1209WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 10 04:57:50 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	163291	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	259546	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	222034	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	104600	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	106459	45.770	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.540%
35) Dibromofluoromethane	8.165	113	89046	50.875	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.740%
50) Toluene-d8	10.565	98	305121	48.643	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.280%
62) 4-Bromofluorobenzene	12.847	95	110888	47.272	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	94.540%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	26409	14.303	ug/l	94
3) Chloromethane	2.359	50	27604	12.890	ug/l	91
4) Vinyl Chloride	2.512	62	30286	15.737	ug/l	100
5) Bromomethane	2.954	94	21229	19.680	ug/l	95
6) Chloroethane	3.118	64	21103	16.268	ug/l	95
7) Trichlorofluoromethane	3.495	101	56705	17.321	ug/l	96
8) Diethyl Ether	3.959	74	18392	16.506	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.371	101	32533	17.521	ug/l	99
10) Methyl Iodide	4.589	142	35117	14.288	ug/l	96
11) Tert butyl alcohol	5.518	59	30573	98.362	ug/l #	94
12) 1,1-Dichloroethene	4.336	96	29194	16.844	ug/l	96
13) Acrolein	4.183	56	17012	82.024	ug/l	95
14) Allyl chloride	5.024	41	42953	14.701	ug/l	96
15) Acrylonitrile	5.718	53	83368	94.738	ug/l	99
16) Acetone	4.430	43	74219	109.563	ug/l	97
17) Carbon Disulfide	4.712	76	80210	15.679	ug/l	99
18) Methyl Acetate	5.024	43	41204	18.303	ug/l	99
19) Methyl tert-butyl Ether	5.795	73	97105	17.148	ug/l	98
20) Methylene Chloride	5.277	84	35121	16.990	ug/l	98
21) trans-1,2-Dichloroethene	5.783	96	31602	17.327	ug/l	95
22) Diisopropyl ether	6.671	45	103043	17.523	ug/l	99
23) Vinyl Acetate	6.606	43	351180	86.565	ug/l	98
24) 1,1-Dichloroethane	6.565	63	61913	17.594	ug/l	99
25) 2-Butanone	7.483	43	108793	98.232	ug/l	98
26) 2,2-Dichloropropane	7.489	77	57271	17.429	ug/l	100
27) cis-1,2-Dichloroethene	7.489	96	37413	17.016	ug/l	100
28) Bromochloromethane	7.812	49	24208	18.224	ug/l	91
29) Tetrahydrofuran	7.841	42	66904	97.142	ug/l	94
30) Chloroform	7.965	83	65806	17.580	ug/l	98
31) Cyclohexane	8.259	56	51467	16.611	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	61775	18.262	ug/l	96
36) 1,1-Dichloropropene	8.371	75	42851	18.075	ug/l	97
37) Ethyl Acetate	7.565	43	42554	19.744	ug/l	98
38) Carbon Tetrachloride	8.365	117	54048	19.750	ug/l	94
39) Methylcyclohexane	9.600	83	42735	17.347	ug/l	97
40) Benzene	8.606	78	139262	18.573	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	22251	18.646	ug/l	95
42) 1,2-Dichloroethane	8.671	62	48342	18.845	ug/l	100
43) Isopropyl Acetate	8.688	43	72727	16.245	ug/l	98
44) Trichloroethene	9.353	130	33126	19.010	ug/l	86
45) 1,2-Dichloropropane	9.618	63	34338	18.593	ug/l	96
46) Dibromomethane	9.712	93	25247	19.674	ug/l	99
47) Bromodichloromethane	9.888	83	51682	19.002	ug/l	99
48) Methyl methacrylate	9.677	41	33500	20.109	ug/l	97
49) 1,4-Dioxane	9.694	88	13321	461.086	ug/l #	94
51) 4-Methyl-2-Pentanone	10.441	43	228689	111.838	ug/l	99
52) Toluene	10.630	92	88892	20.025	ug/l	98
53) t-1,3-Dichloropropene	10.830	75	49777	18.255	ug/l	95
54) cis-1,3-Dichloropropene	10.312	75	55624	19.228	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	34271	20.727	ug/l	98
56) Ethyl methacrylate	10.877	69	49811	20.617	ug/l	99
57) 1,3-Dichloropropane	11.159	76	54891	18.863	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	107728	90.899	ug/l	100
59) 2-Hexanone	11.194	43	169991	111.153	ug/l	99
60) Dibromochloromethane	11.359	129	40779	20.181	ug/l	99
61) 1,2-Dibromoethane	11.471	107	33148	19.372	ug/l	98
64) Tetrachloroethene	11.106	164	31073	20.769	ug/l	93
65) Chlorobenzene	11.888	112	92261	18.322	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	35345	19.936	ug/l	98
67) Ethyl Benzene	11.965	91	156939	19.210	ug/l	99
68) m/p-Xylenes	12.071	106	121108	38.938	ug/l	99
69) o-Xylene	12.400	106	57985	19.599	ug/l	99
70) Styrene	12.412	104	98206	19.960	ug/l	99
71) Bromoform	12.576	173	28031	21.300	ug/l #	99
73) Isopropylbenzene	12.694	105	147544	19.995	ug/l	100
74) N-amyl acetate	12.494	43	62083	20.417	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	48508	19.251	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	61386	32.264	ug/l	48
77) Bromobenzene	12.982	156	38928	19.603	ug/l	99
78) n-propylbenzene	13.035	91	177101	20.808	ug/l	98
79) 2-Chlorotoluene	13.123	91	111085	19.552	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	125642	20.291	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	17583	20.401	ug/l	93
82) 4-Chlorotoluene	13.218	91	112899	19.088	ug/l	99
83) tert-Butylbenzene	13.435	119	107573	20.191	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	126653	19.871	ug/l	99
85) sec-Butylbenzene	13.618	105	147809	20.537	ug/l	99
86) p-Isopropyltoluene	13.729	119	120791	20.331	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	68527	17.496	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	69227	17.319	ug/l	98
89) n-Butylbenzene	14.053	91	96140	17.401	ug/l	98
90) Hexachloroethane	14.335	117	25206	19.464	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	65350	17.412	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	9910	20.338	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	32298	15.840	ug/l	100
94) Hexachlorobutadiene	15.500	225	16431	17.460	ug/l	96
95) Naphthalene	15.641	128	91989	15.840	ug/l	98
96) 1,2,3-Trichlorobenzene	15.835	180	31678	16.282	ug/l	97

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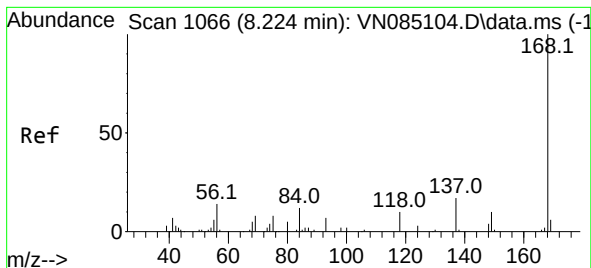
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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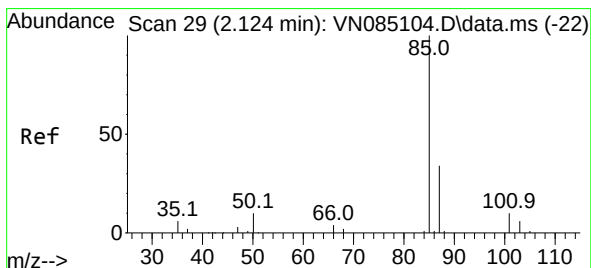
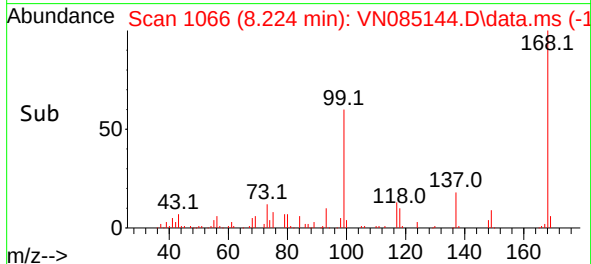
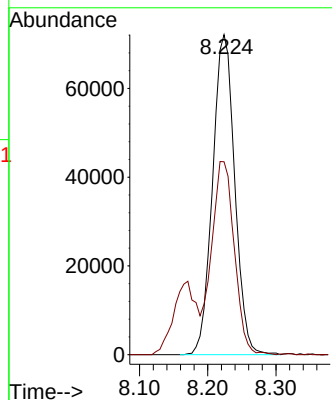
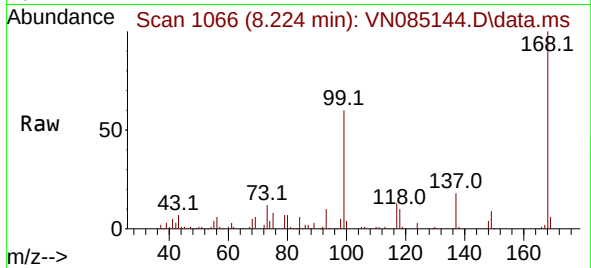




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

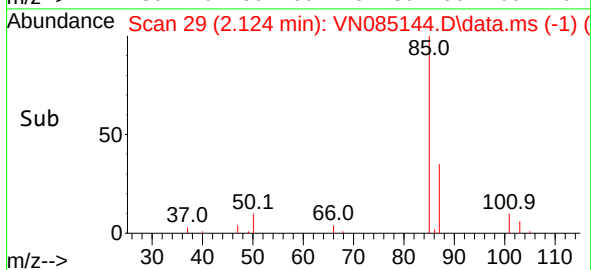
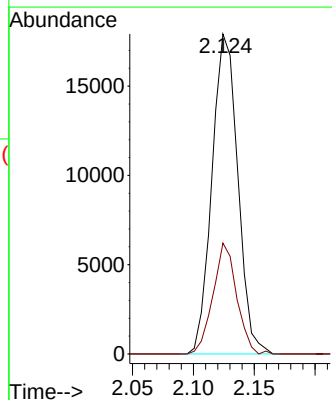
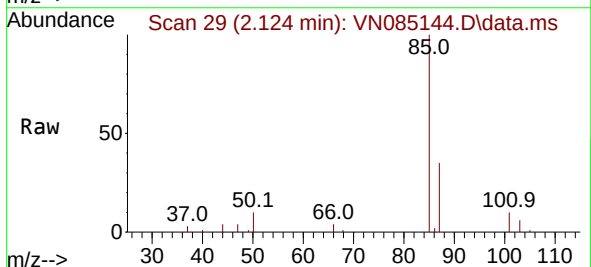
Instrument :
MSVOA_N
ClientSampleId :

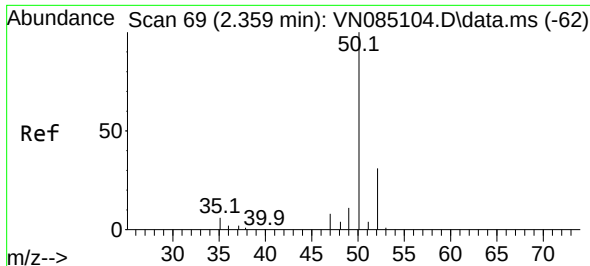
Tgt Ion:168 Resp: 163291
Ion Ratio Lower Upper
168 100
99 60.1 51.2 76.8



#2
Dichlorodifluoromethane
Concen: 14.303 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.006 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

Tgt Ion: 85 Resp: 26409
Ion Ratio Lower Upper
85 100
87 34.6 15.7 47.1

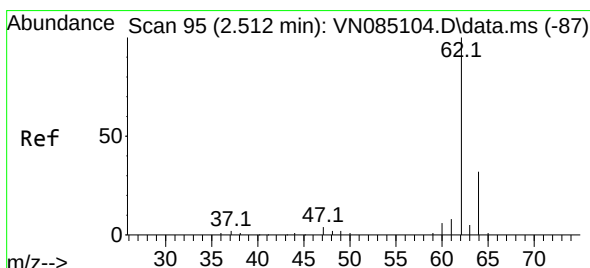
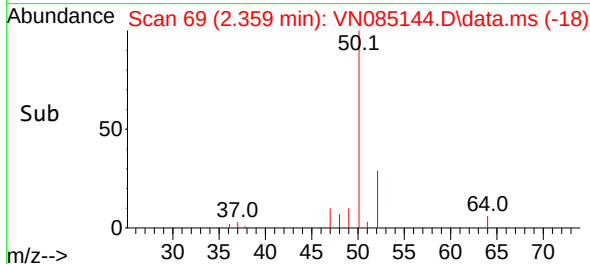
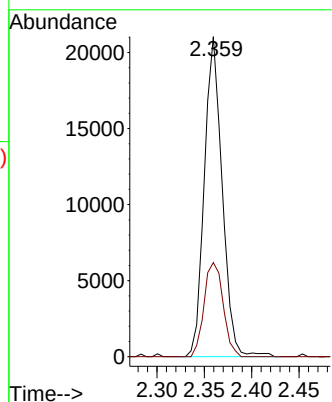
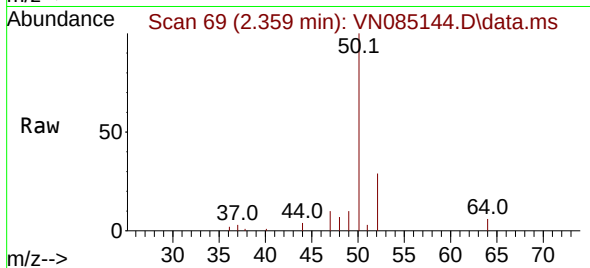




#3
Chloromethane
Concen: 12.890 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

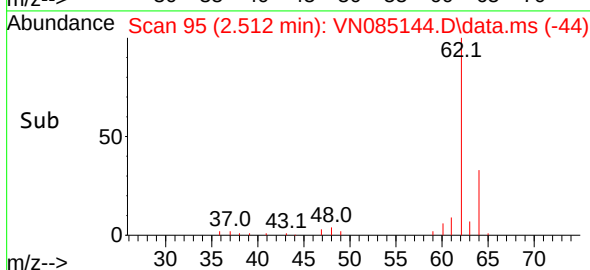
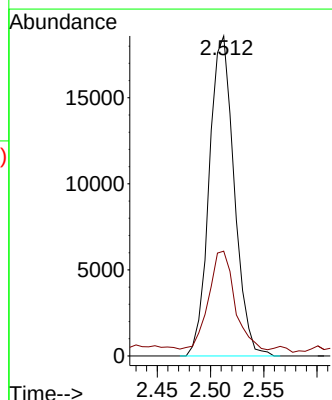
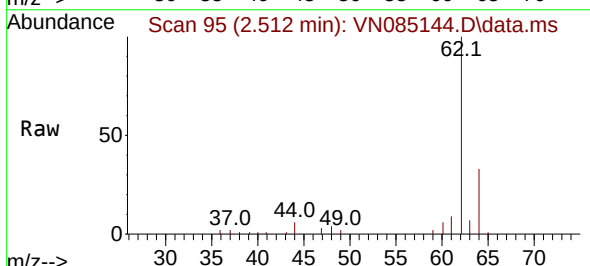
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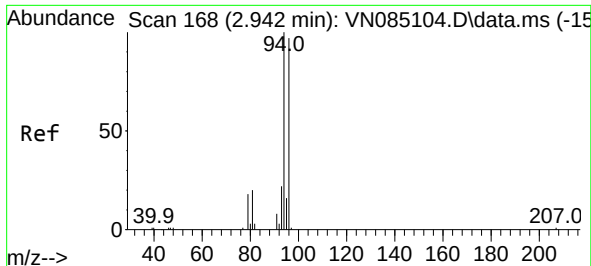
Tgt Ion: 50 Resp: 27604
Ion Ratio Lower Upper
50 100
52 29.4 27.8 41.8



#4
Vinyl Chloride
Concen: 15.737 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

Tgt Ion: 62 Resp: 30286
Ion Ratio Lower Upper
62 100
64 30.6 24.6 36.8

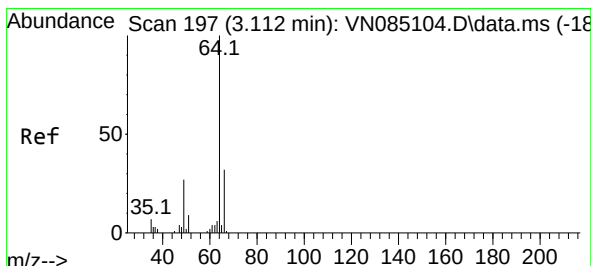
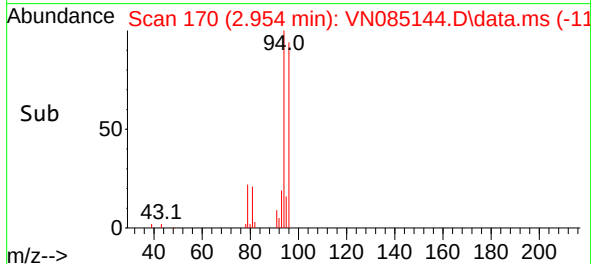
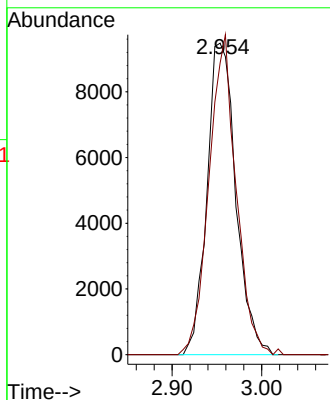
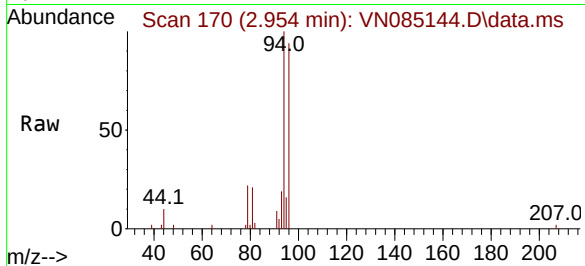




#5
Bromomethane
Concen: 19.680 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.053 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

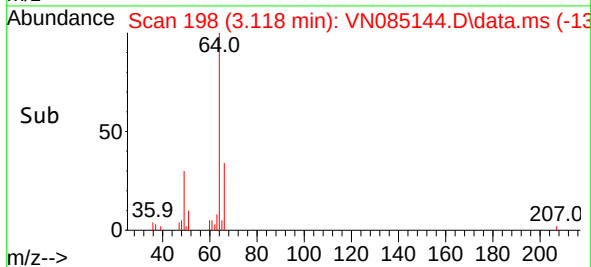
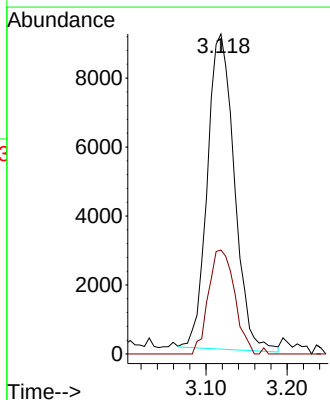
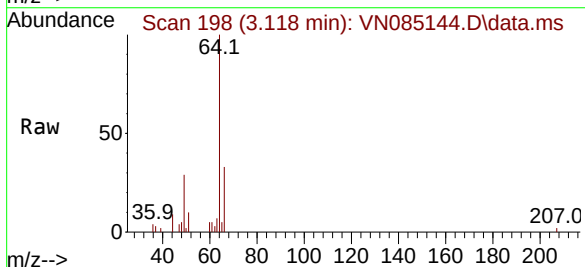
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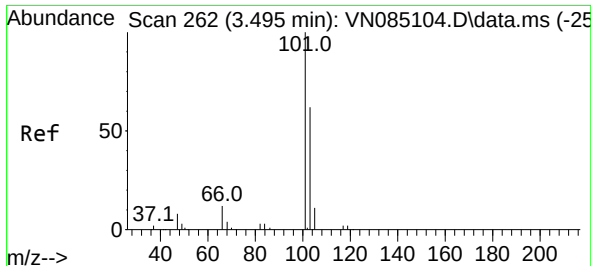
Tgt Ion: 94 Resp: 21229
Ion Ratio Lower Upper
94 100
96 93.7 78.7 118.1



#6
Chloroethane
Concen: 16.268 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.053 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

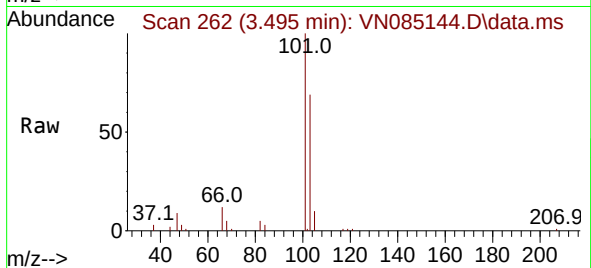
Tgt Ion: 64 Resp: 21103
Ion Ratio Lower Upper
64 100
66 33.3 24.4 36.6



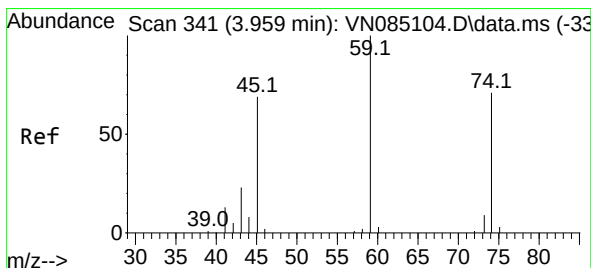
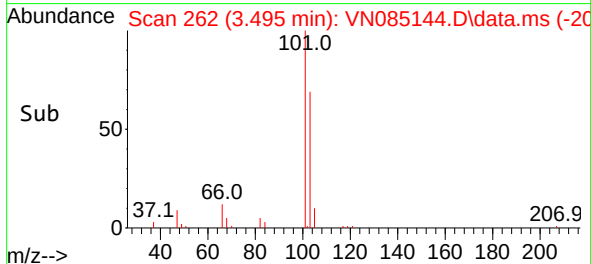
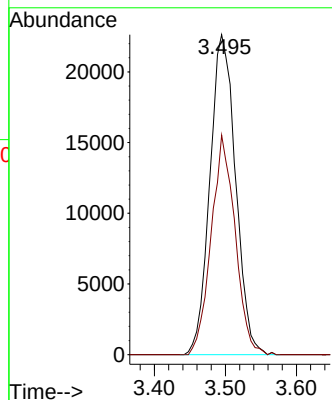


#7
Trichlorofluoromethane
Concen: 17.321 ug/l
RT: 3.495 min Scan# 20
Delta R.T. 0.035 min
Lab File: VN085144.D
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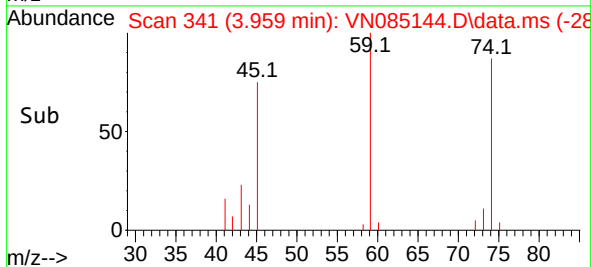
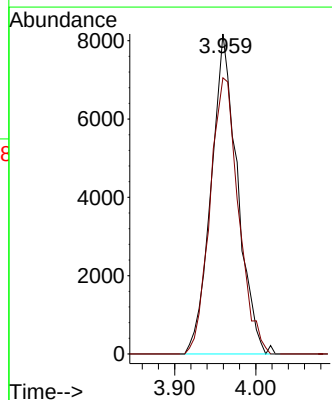
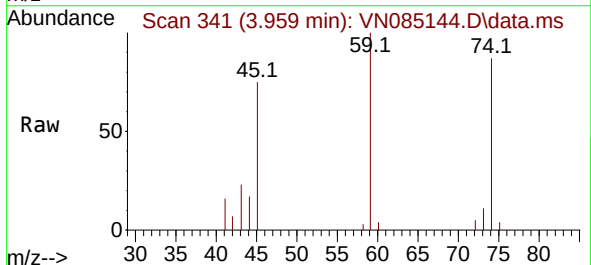


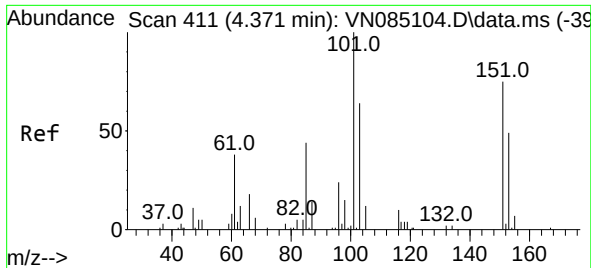
Tgt Ion:101 Resp: 56705
Ion Ratio Lower Upper
101 100
103 68.6 52.6 78.8



#8
Diethyl Ether
Concen: 16.506 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.012 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

Tgt Ion: 74 Resp: 18392
Ion Ratio Lower Upper
74 100
45 93.5 46.7 140.1

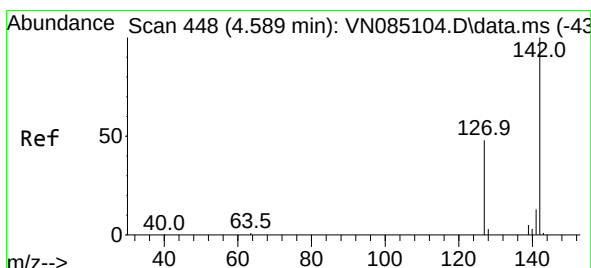
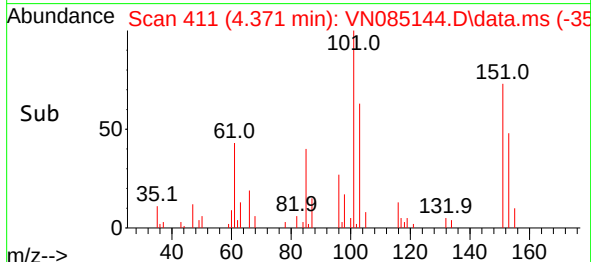
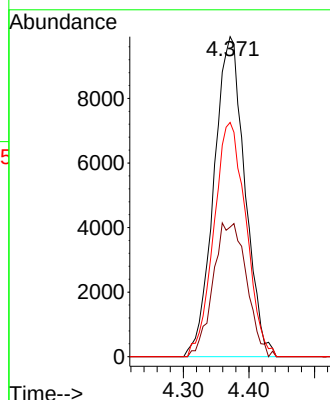
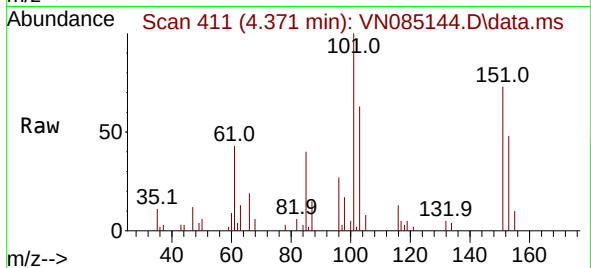




#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.521 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.018 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

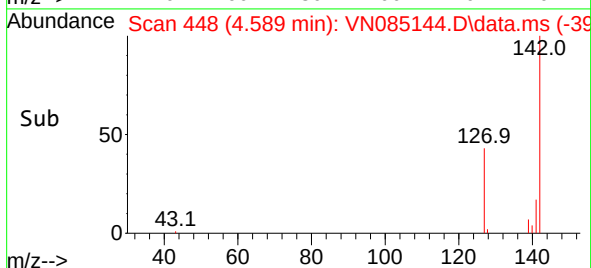
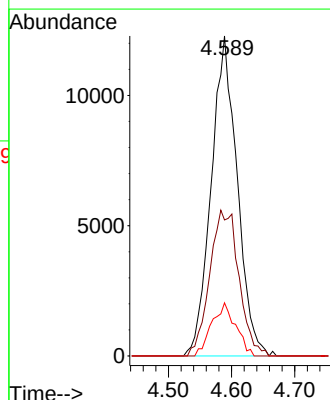
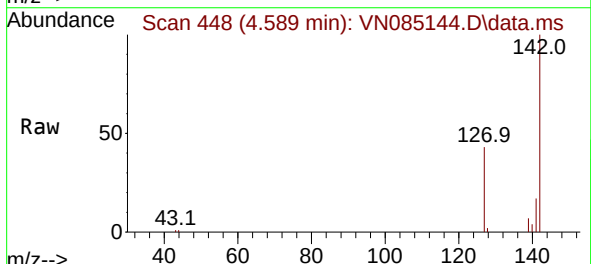
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MSVOA_N
ClientSampleId :

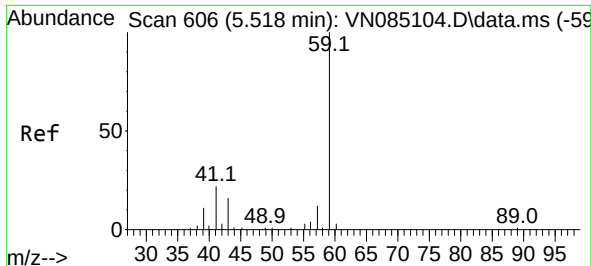
Tgt Ion:	101	Resp:	32533
Ion	Ratio	Lower	Upper
101	100		
85	45.2	36.9	55.3
151	75.7	60.8	91.2



#10
Methyl Iodide
Concen: 14.288 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.018 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

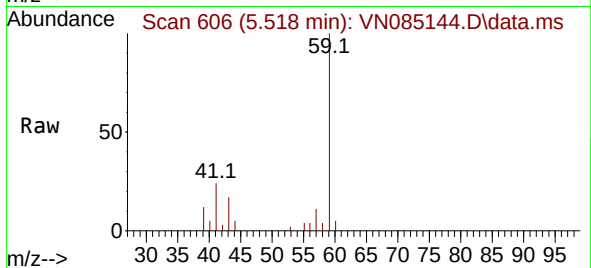
Tgt Ion:	142	Resp:	35117
Ion	Ratio	Lower	Upper
142	100		
127	42.5	36.6	54.8
141	16.6	12.2	18.4



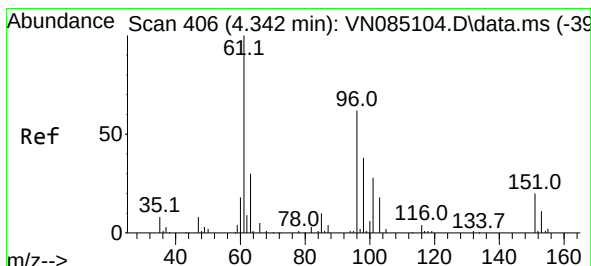
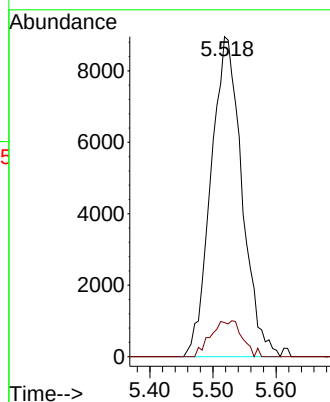
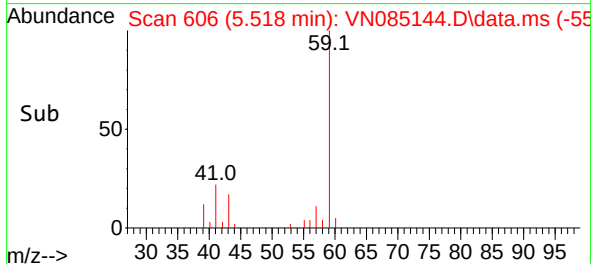


#11
Tert butyl alcohol
Concen: 98.362 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.024 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

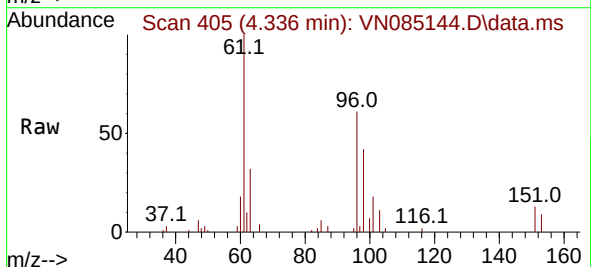
Instrument :
MSVOA_N
ClientSampleId :



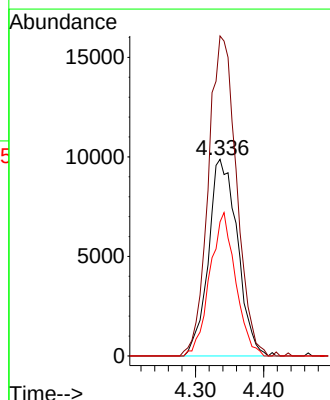
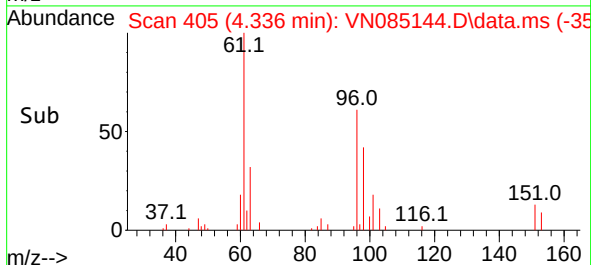
Tgt Ion: 59 Resp: 30573
Ion Ratio Lower Upper
59 100
57 11.4 7.4 11.0#

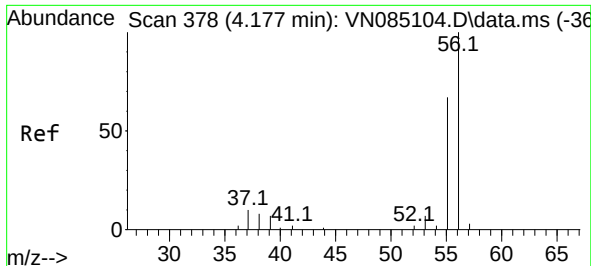


#12
1,1-Dichloroethene
Concen: 16.844 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.018 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35



Tgt Ion: 96 Resp: 29194
Ion Ratio Lower Upper
96 100
61 162.8 127.8 191.8
98 68.2 49.2 73.8

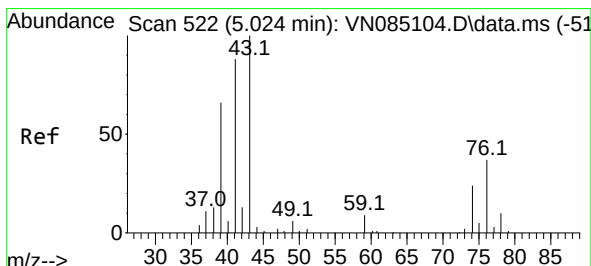
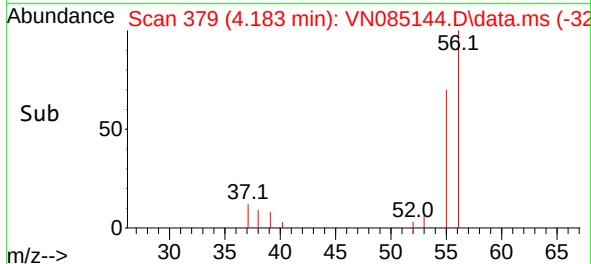
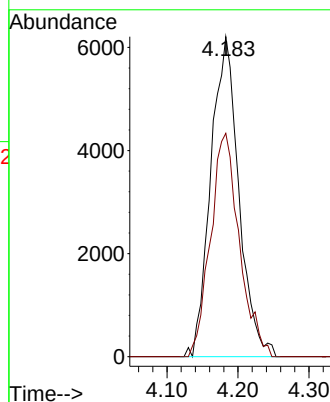
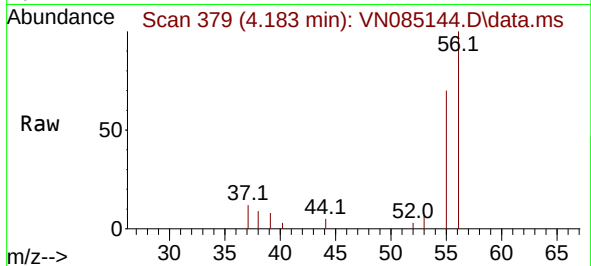




#13
Acrolein
Concen: 82.024 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.018 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

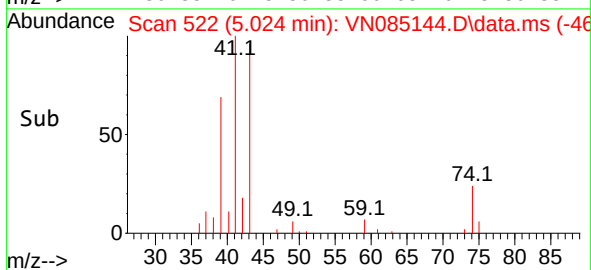
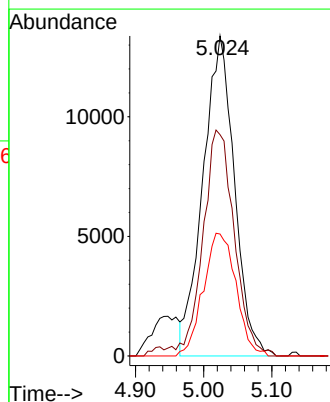
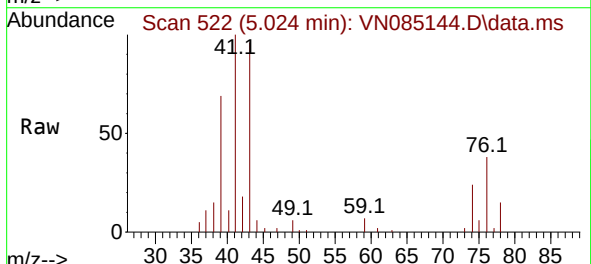
Instrument :
MSVOA_N
ClientSampleId :

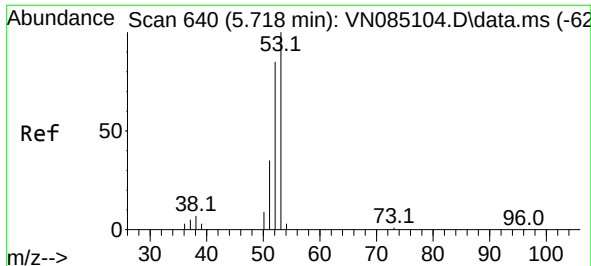
Tgt Ion: 56 Resp: 17012
Ion Ratio Lower Upper
56 100
55 71.8 54.5 81.7



#14
Allyl chloride
Concen: 14.701 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.018 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

Tgt Ion: 41 Resp: 42953
Ion Ratio Lower Upper
41 100
39 70.5 53.8 80.8
76 39.7 29.3 43.9

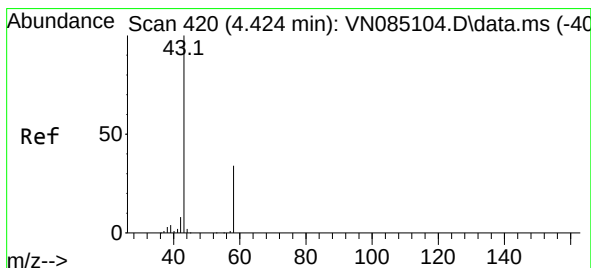
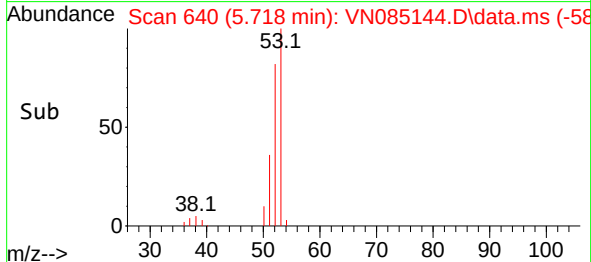
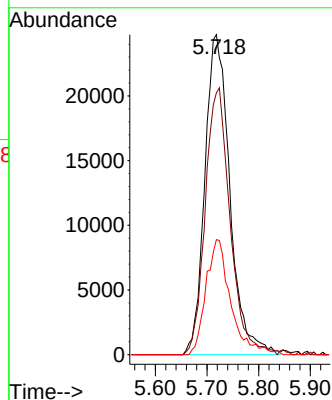
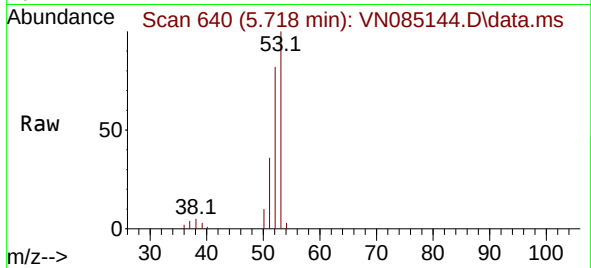




#15
Acrylonitrile
Concen: 94.738 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

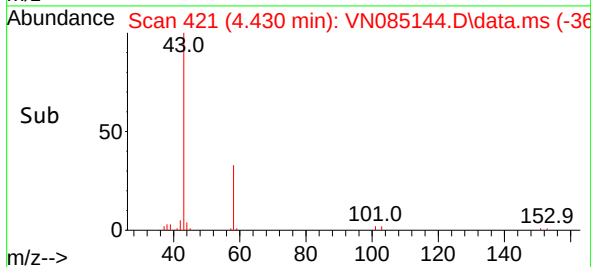
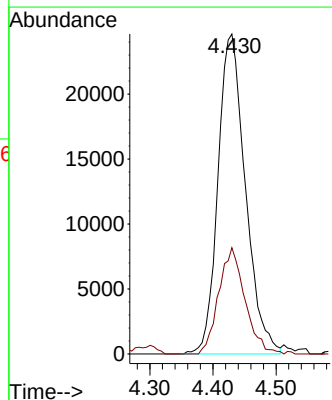
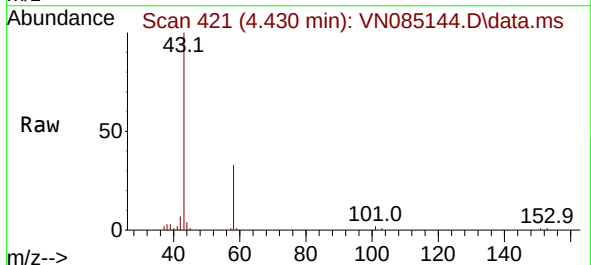
Instrument :
MSVOA_N
ClientSampleId :

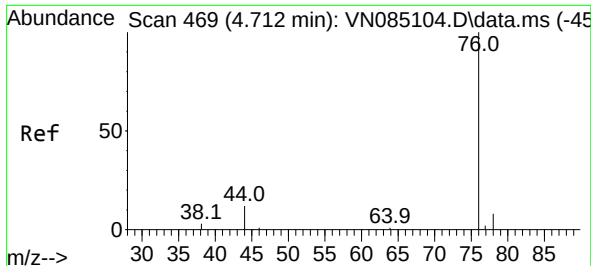
Tgt Ion: 53 Resp: 83368
Ion Ratio Lower Upper
53 100
52 82.6 65.5 98.3
51 35.7 28.4 42.6



#16
Acetone
Concen: 109.563 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

Tgt Ion: 43 Resp: 74219
Ion Ratio Lower Upper
43 100
58 33.2 25.4 38.2

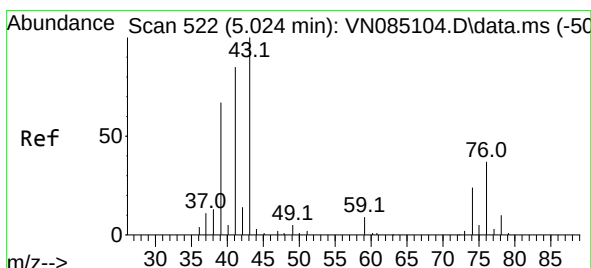
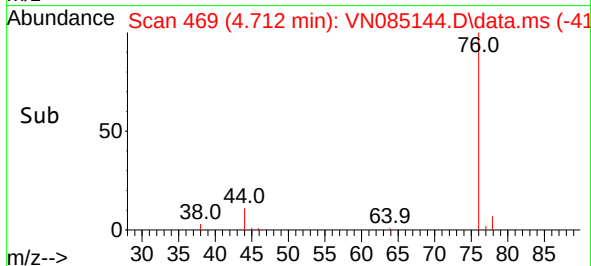
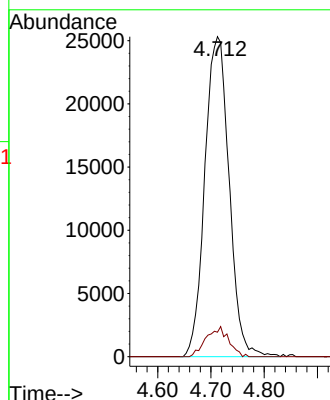
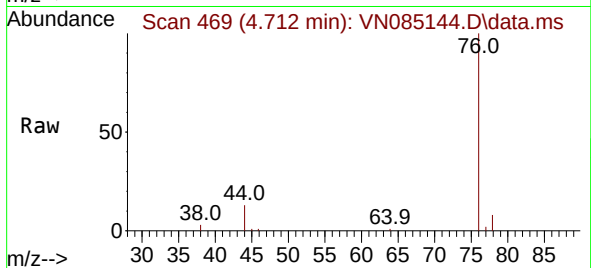




#17
Carbon Disulfide
Concen: 15.679 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.018 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

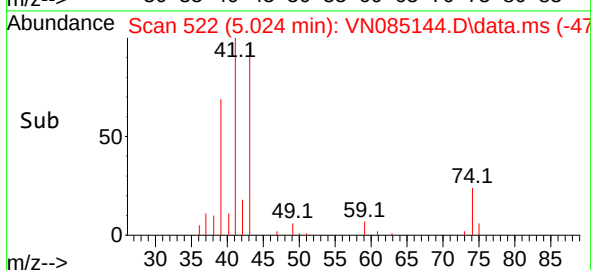
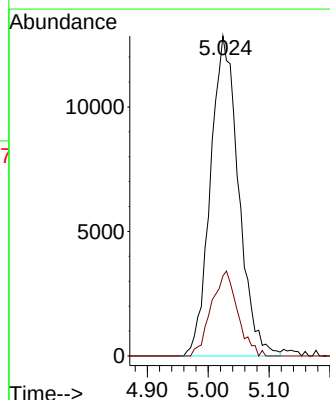
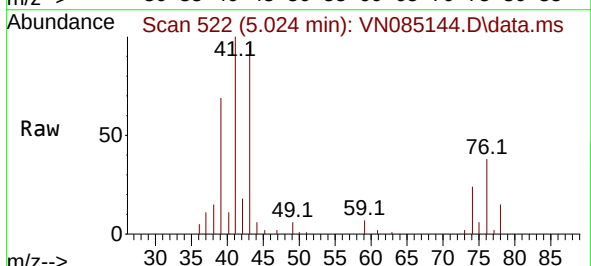
Instrument :
MSVOA_N
ClientSampleId :

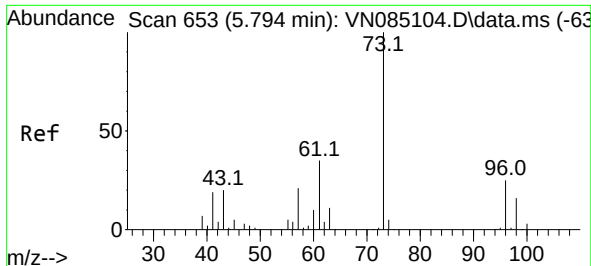
Tgt Ion: 76 Resp: 80210
Ion Ratio Lower Upper
76 100
78 7.7 6.5 9.7



#18
Methyl Acetate
Concen: 18.303 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

Tgt Ion: 43 Resp: 41204
Ion Ratio Lower Upper
43 100
74 24.8 20.1 30.1





#19

Methyl tert-butyl Ether

Concen: 17.148 ug/l

RT: 5.795 min Scan# 61

Delta R.T. 0.006 min

Lab File: VN085144.D

Acq: 09 Dec 2024 11:35

Instrument :

MSVOA_N

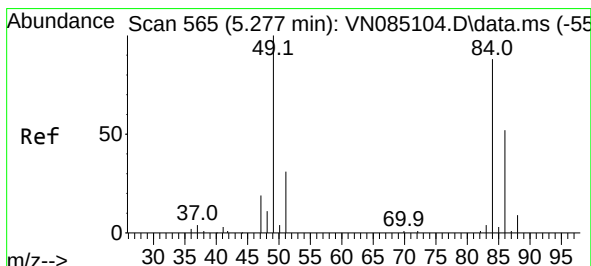
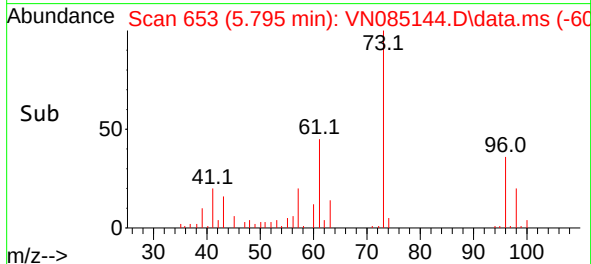
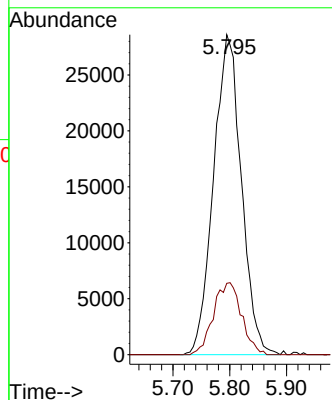
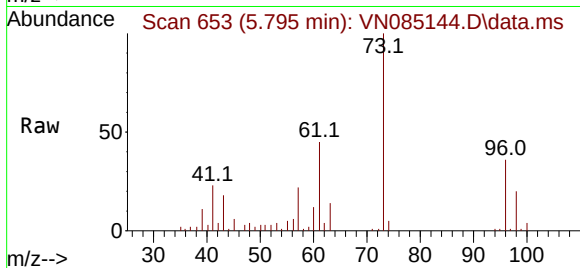
ClientSampleId :

Tgt Ion: 73 Resp: 97105

Ion Ratio Lower Upper

73 100

57 22.3 17.0 25.4



#20

Methylene Chloride

Concen: 16.990 ug/l

RT: 5.277 min Scan# 565

Delta R.T. 0.012 min

Lab File: VN085144.D

Acq: 09 Dec 2024 11:35

Tgt Ion: 84 Resp: 35121

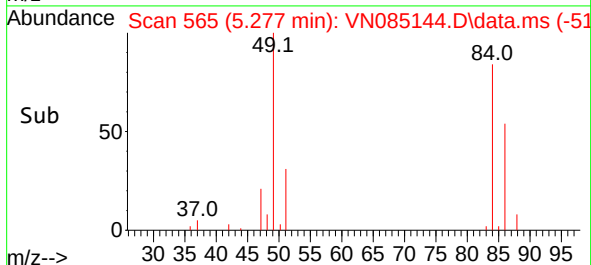
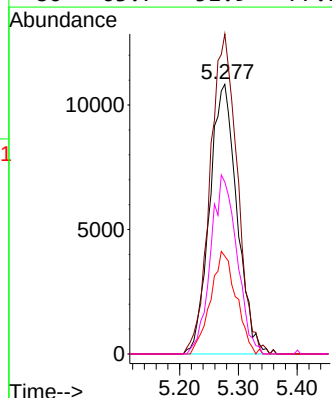
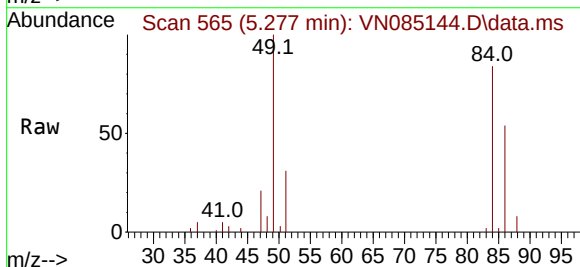
Ion Ratio Lower Upper

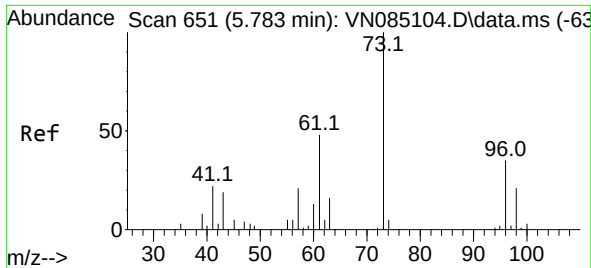
84 100

49 118.7 92.7 139.1

51 36.3 29.4 44.2

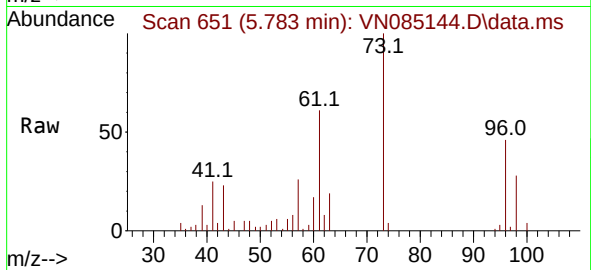
86 63.7 51.9 77.9



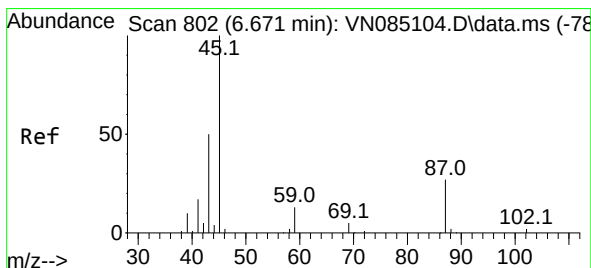
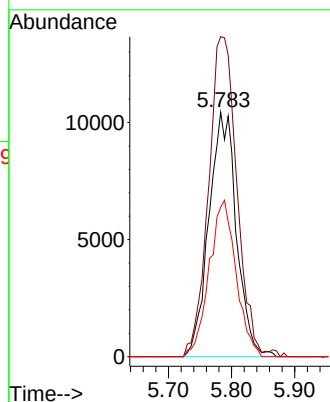
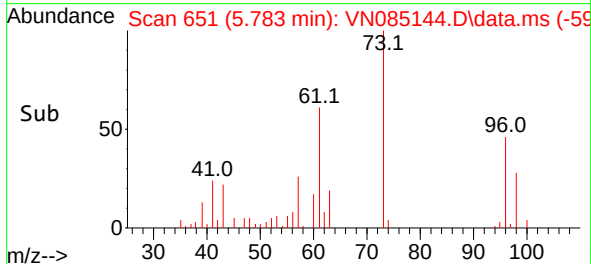


#21
trans-1,2-Dichloroethene
Concen: 17.327 ug/l
RT: 5.783 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

Instrument :
MSVOA_N
ClientSampleId :

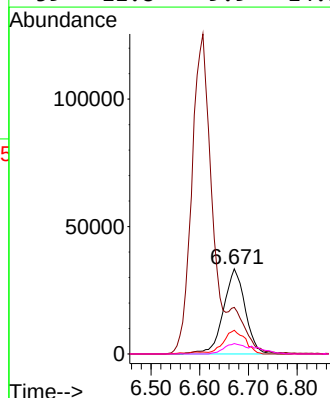
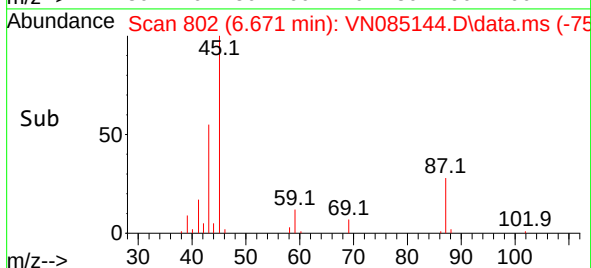
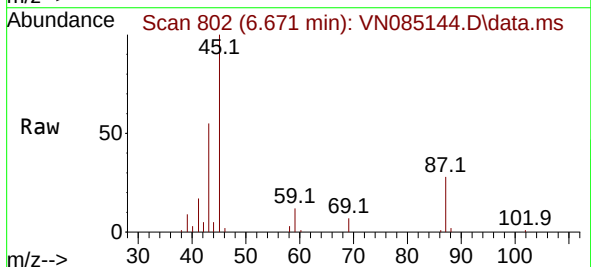


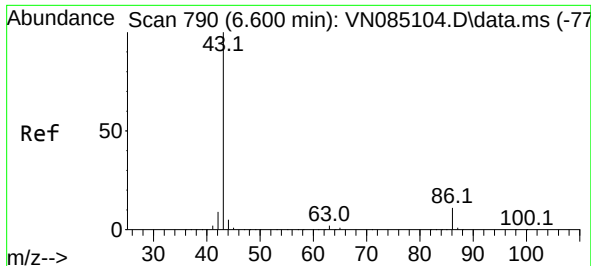
Tgt Ion: 96 Resp: 31602
Ion Ratio Lower Upper
96 100
61 130.9 100.7 151.1
98 61.1 45.8 68.6



#22
Diisopropyl ether
Concen: 17.523 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

Tgt Ion: 45 Resp: 103043
Ion Ratio Lower Upper
45 100
43 53.1 42.7 64.1
87 27.8 22.6 34.0
59 11.8 9.9 14.9

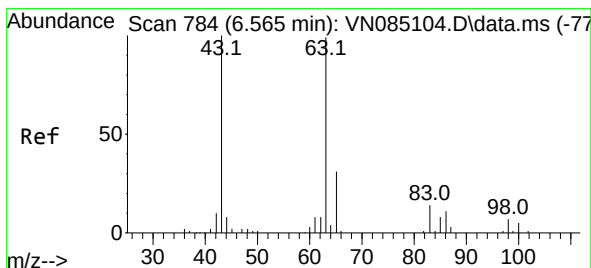
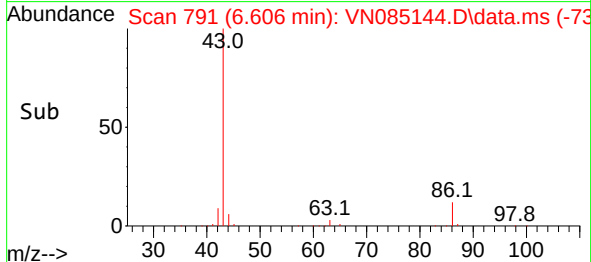
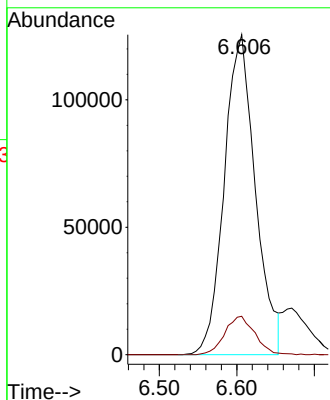
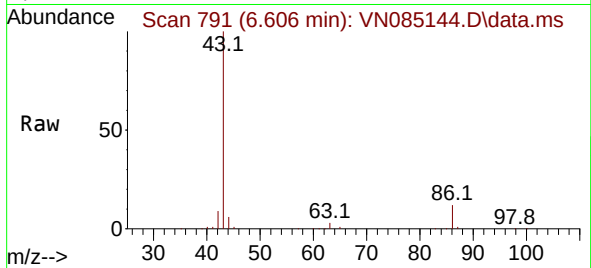




#23
 Vinyl Acetate
 Concen: 86.565 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.012 min
 Lab File: VN085144.D
 Acq: 09 Dec 2024 11:35

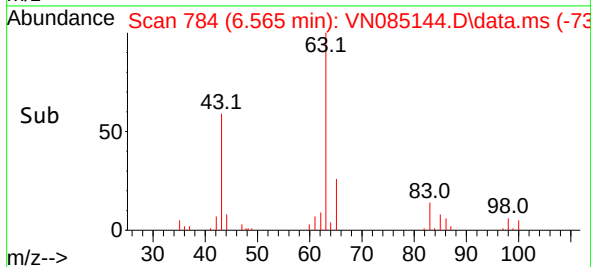
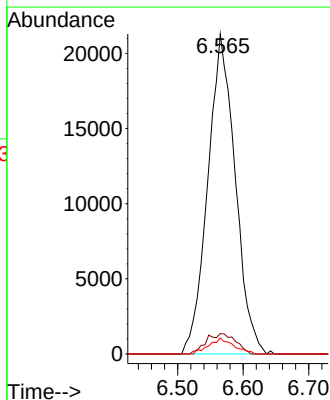
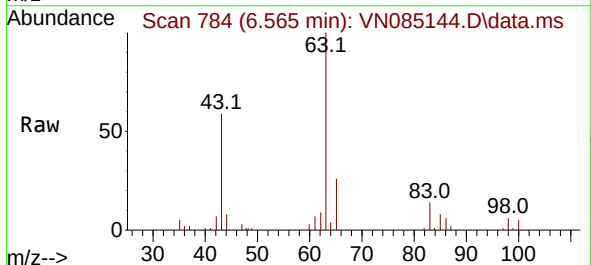
Instrument :
 MSVOA_N
 ClientSampleId :

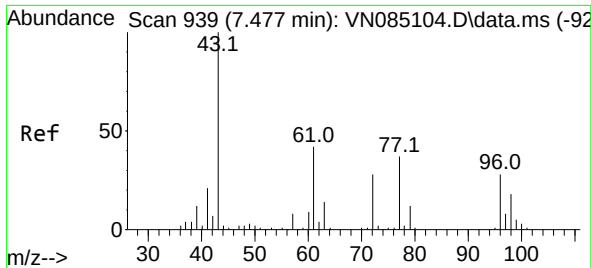
Tgt Ion: 43 Resp: 351180
 Ion Ratio Lower Upper
 43 100
 86 12.0 8.9 13.3



#24
 1,1-Dichloroethane
 Concen: 17.594 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.012 min
 Lab File: VN085144.D
 Acq: 09 Dec 2024 11:35

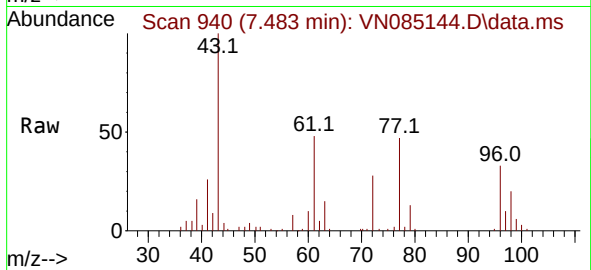
Tgt Ion: 63 Resp: 61913
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.3 9.8
 100 5.0 2.2 6.6



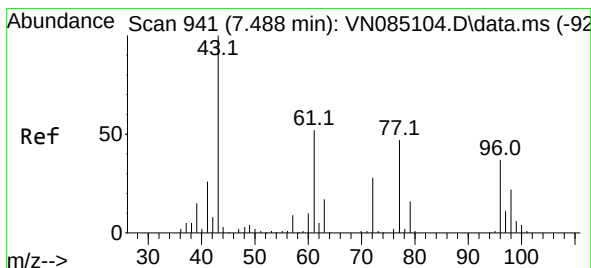
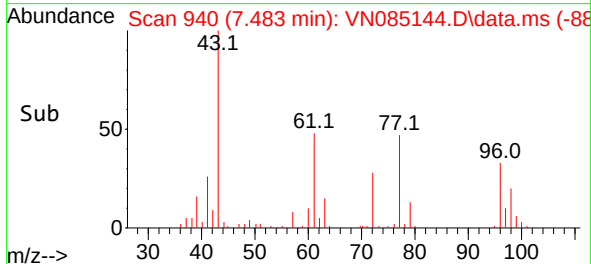
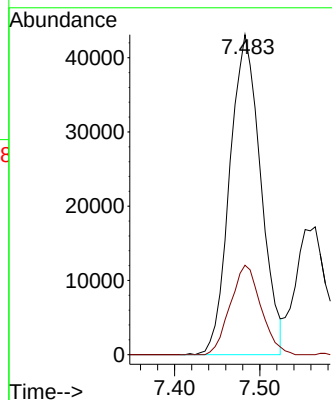


#25
2-Butanone
Concen: 98.232 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

Instrument :
MSVOA_N
ClientSampleId :

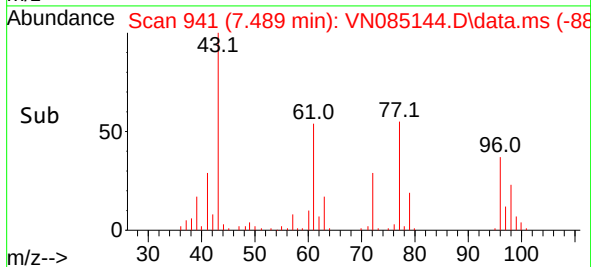
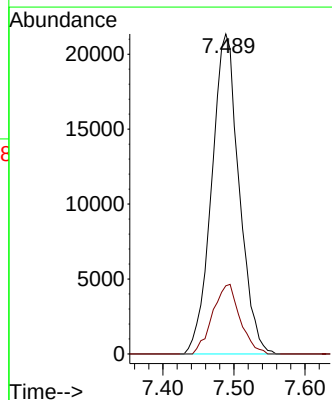
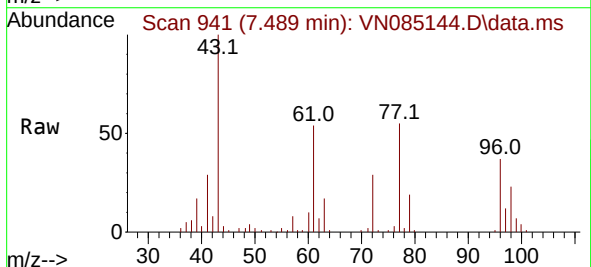


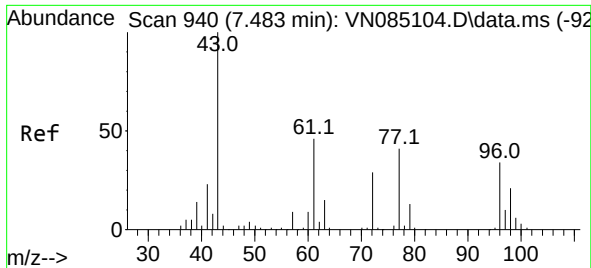
Tgt Ion: 43 Resp: 108793
Ion Ratio Lower Upper
43 100
72 27.9 21.4 32.0



#26
2,2-Dichloropropane
Concen: 17.429 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

Tgt Ion: 77 Resp: 57271
Ion Ratio Lower Upper
77 100
97 21.7 10.9 32.7



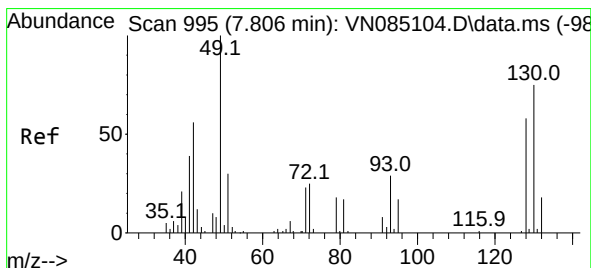
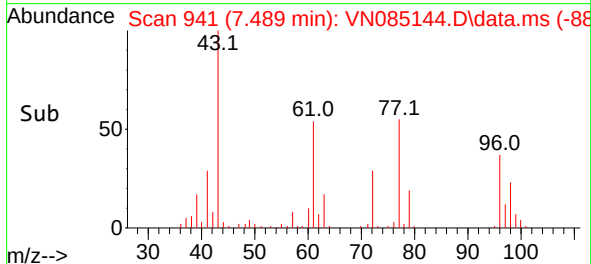
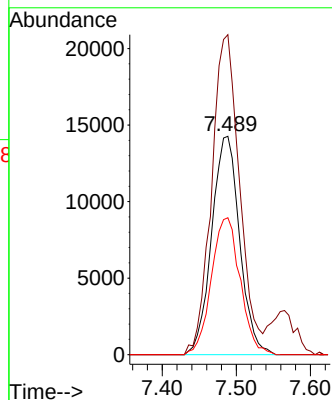
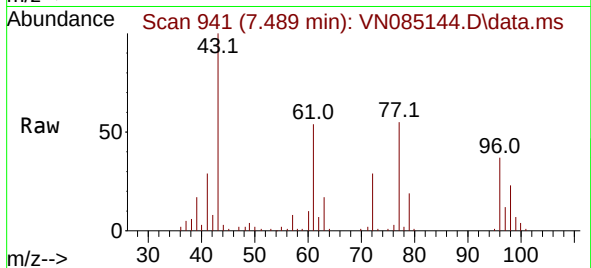


#27
 cis-1,2-Dichloroethene
 Concen: 17.016 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.012 min
 Lab File: VN085144.D
 Acq: 09 Dec 2024 11:35

Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion: 96 Resp: 37413

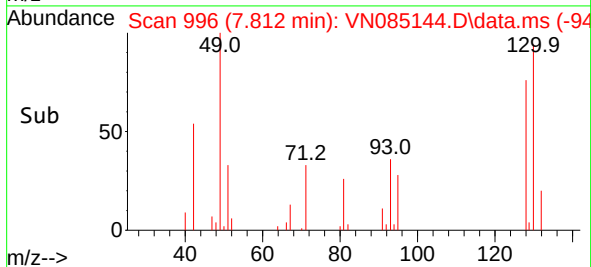
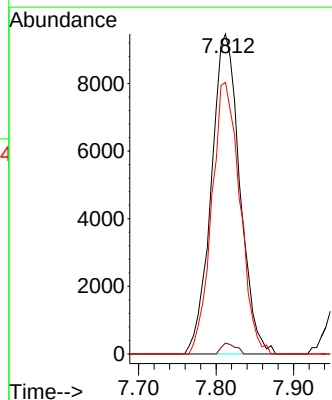
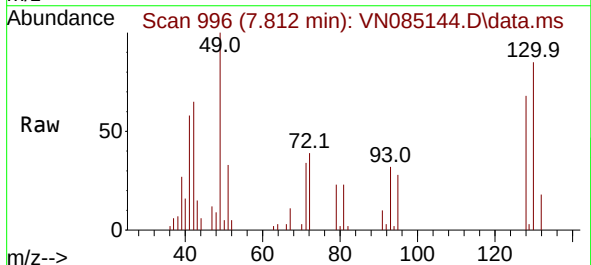
Ion	Ratio	Lower	Upper
96	100		
61	146.4	0.0	291.6
98	64.7	0.0	129.8

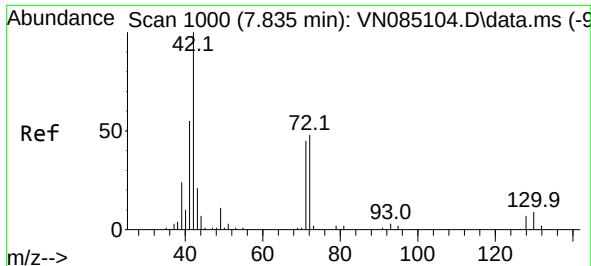


#28
 Bromochloromethane
 Concen: 18.224 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN085144.D
 Acq: 09 Dec 2024 11:35

Tgt Ion: 49 Resp: 24208

Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	4.0
130	83.8	60.6	90.8





#29

Tetrahydrofuran

Concen: 97.142 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN085144.D

Acq: 09 Dec 2024 11:35

Instrument :

MSVOA_N

ClientSampleId :

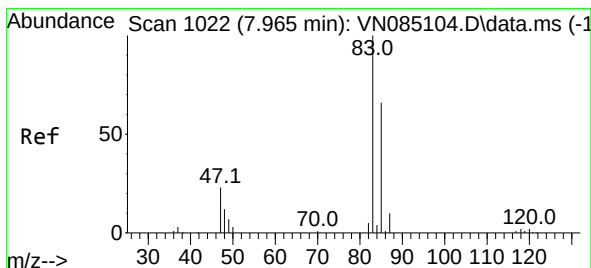
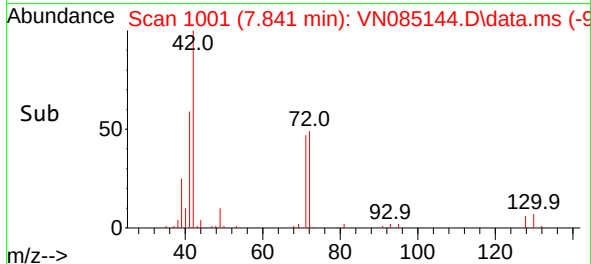
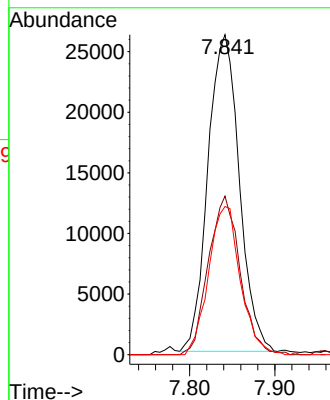
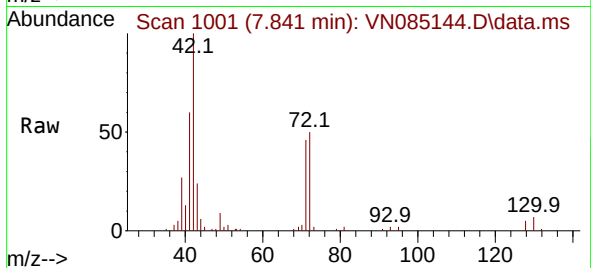
Tgt Ion: 42 Resp: 66904

Ion Ratio Lower Upper

42 100

72 50.7 37.0 55.4

71 47.4 35.0 52.4



#30

Chloroform

Concen: 17.580 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VN085144.D

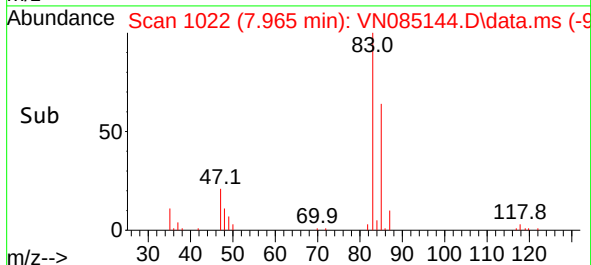
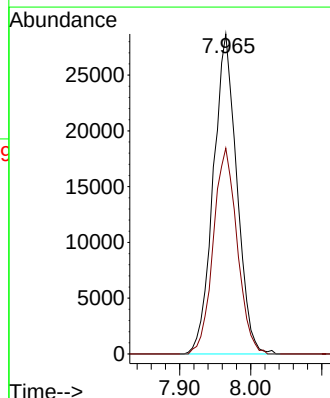
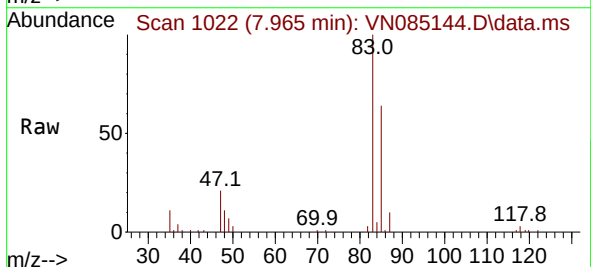
Acq: 09 Dec 2024 11:35

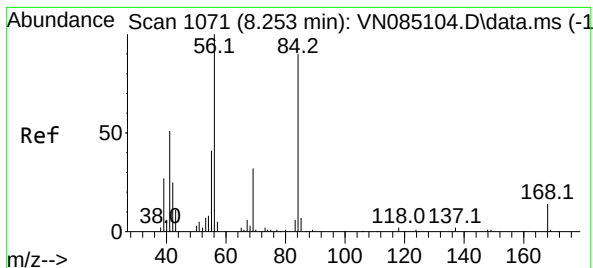
Tgt Ion: 83 Resp: 65806

Ion Ratio Lower Upper

83 100

85 64.3 52.6 78.8





#31

Cyclohexane

Concen: 16.611 ug/l

RT: 8.259 min Scan# 1071

Delta R.T. 0.006 min

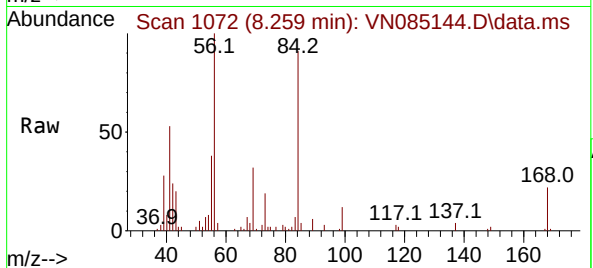
Lab File: VN085144.D

Acq: 09 Dec 2024 11:35

Instrument :

MSVOA_N

ClientSampleId :



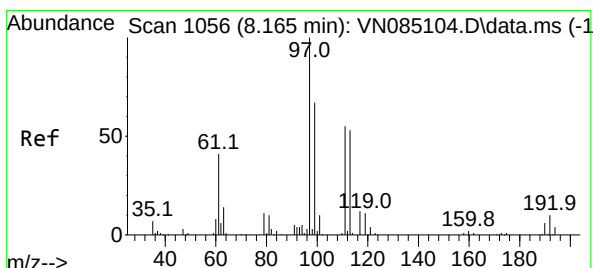
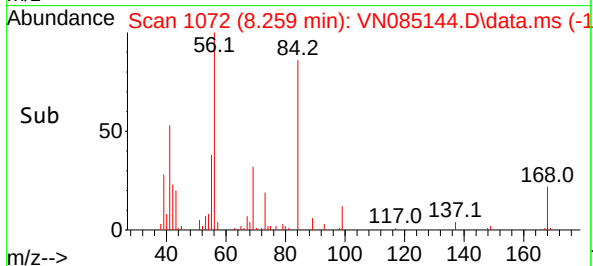
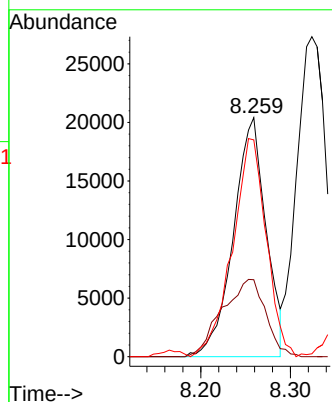
Tgt Ion: 56 Resp: 51467

Ion Ratio Lower Upper

56 100

69 32.2 24.6 36.8

84 88.5 71.4 107.2



#32

1,1,1-Trichloroethane

Concen: 18.262 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085144.D

Acq: 09 Dec 2024 11:35

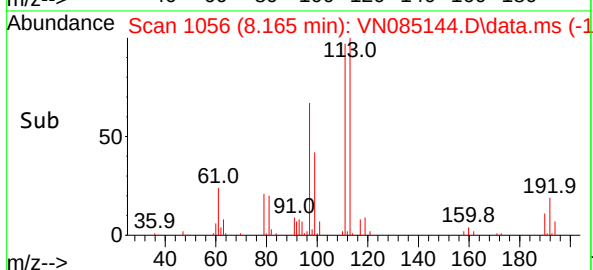
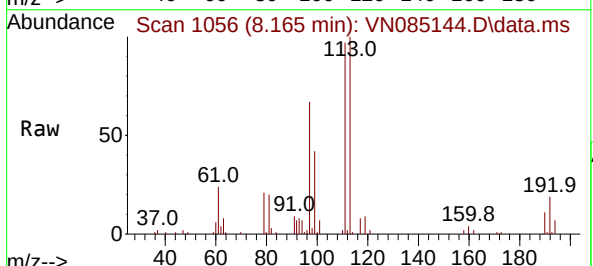
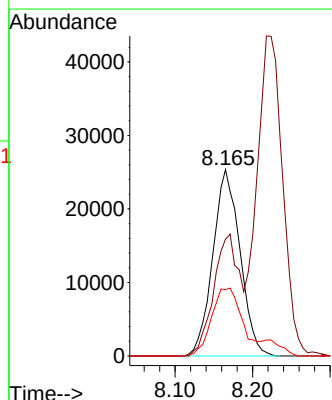
Tgt Ion: 97 Resp: 61775

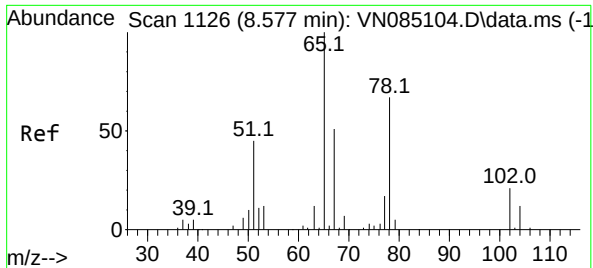
Ion Ratio Lower Upper

97 100

99 61.8 51.0 76.4

61 40.7 36.2 54.2

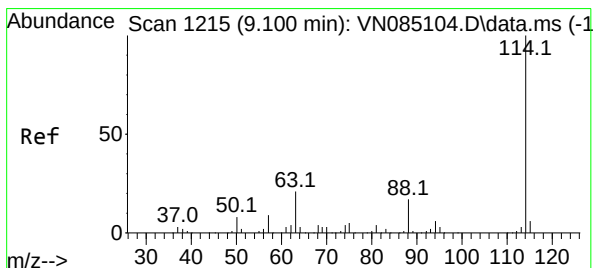
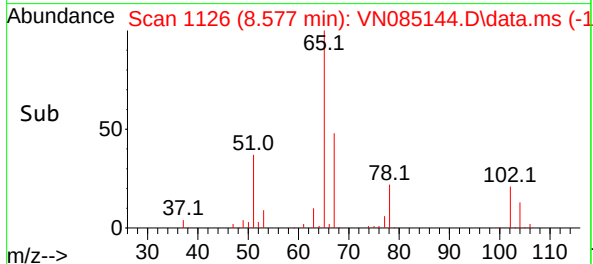
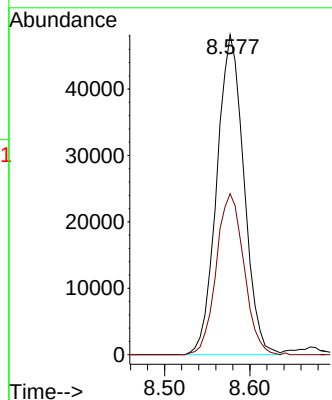
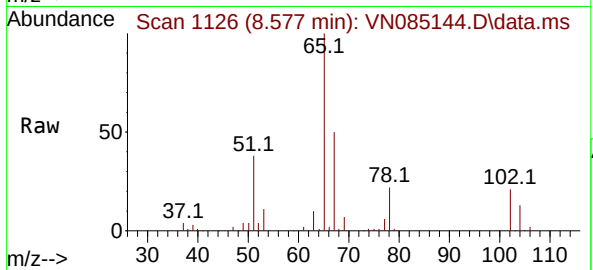




#33
 1,2-Dichloroethane-d4
 Concen: 45.770 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.006 min
 Lab File: VN085144.D
 Acq: 09 Dec 2024 11:35

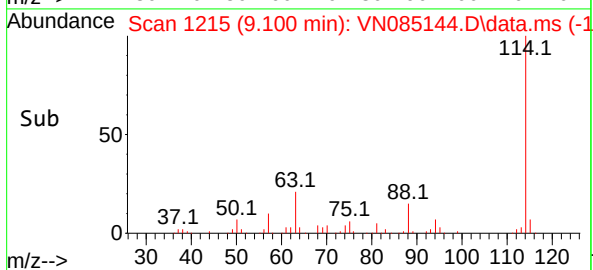
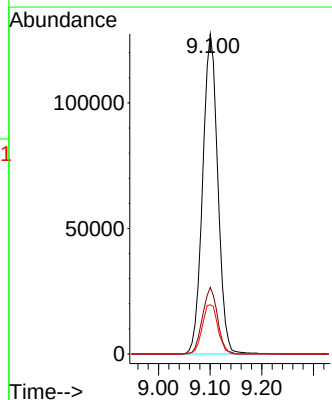
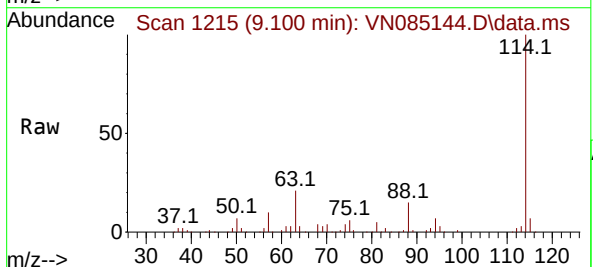
Instrument :
 MSVOA_N
 ClientSampleId :

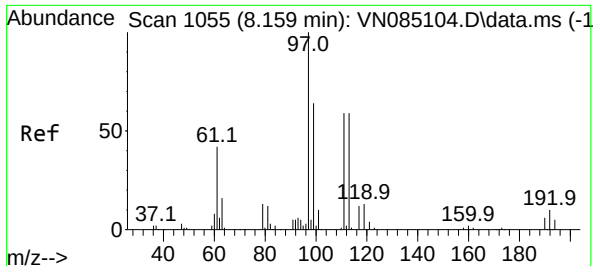
Tgt Ion: 65 Resp: 106459
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.006 min
 Lab File: VN085144.D
 Acq: 09 Dec 2024 11:35

Tgt Ion: 114 Resp: 259546
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 41.0
 88 15.3 0.0 34.8





#35

Dibromofluoromethane

Concen: 50.875 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085144.D

Acq: 09 Dec 2024 11:35

Instrument :

MSVOA_N

ClientSampleId :

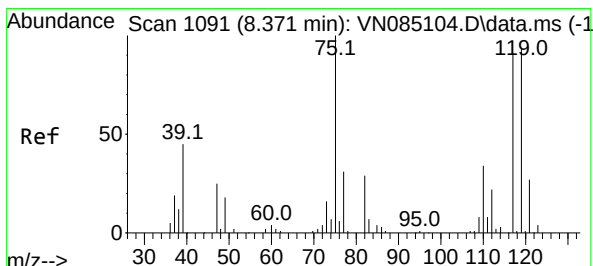
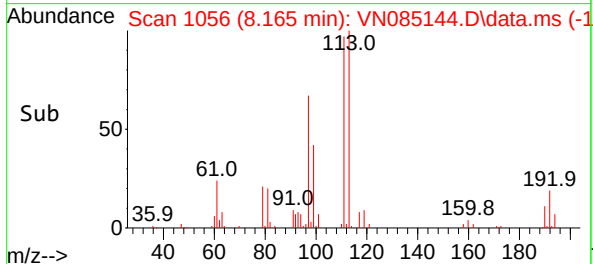
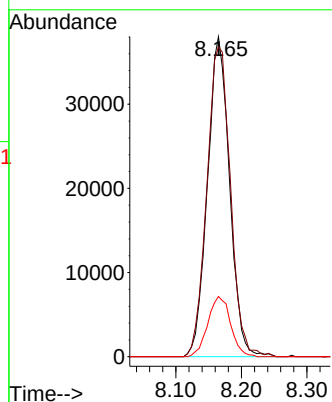
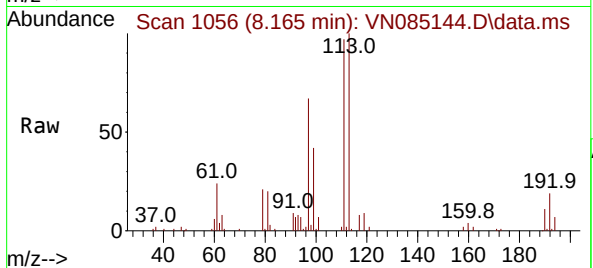
Tgt Ion:113 Resp: 89046

Ion Ratio Lower Upper

113 100

111 103.4 82.0 123.0

192 19.4 14.8 22.2



#36

1,1-Dichloropropene

Concen: 18.075 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.006 min

Lab File: VN085144.D

Acq: 09 Dec 2024 11:35

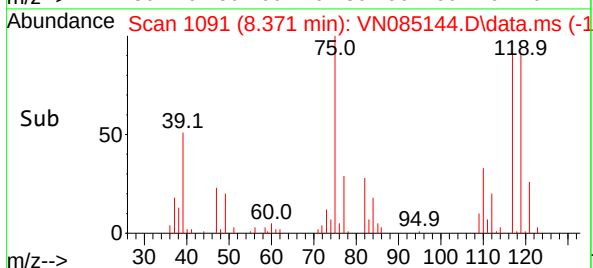
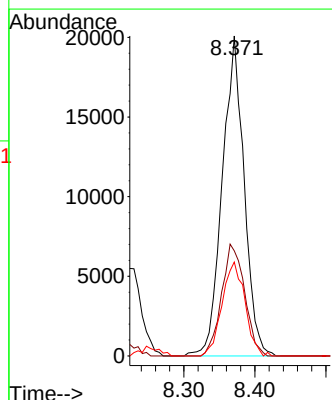
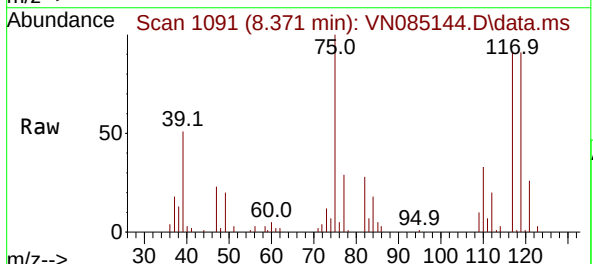
Tgt Ion: 75 Resp: 42851

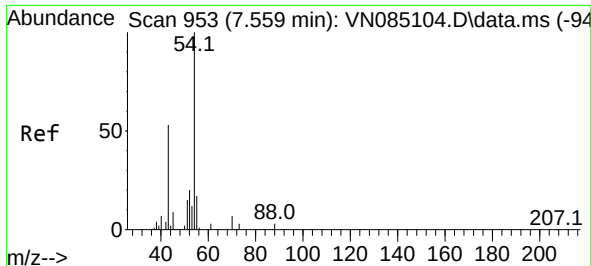
Ion Ratio Lower Upper

75 100

110 36.9 17.2 51.6

77 30.8 24.2 36.4





#37

Ethyl Acetate

Concen: 19.744 ug/l

RT: 7.565 min Scan# 91

Delta R.T. 0.012 min

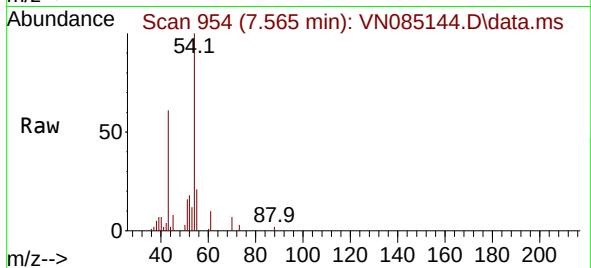
Lab File: VN085144.D

Acq: 09 Dec 2024 11:35

Instrument :

MSVOA_N

ClientSampleId :



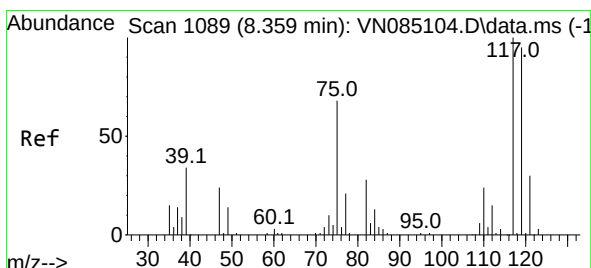
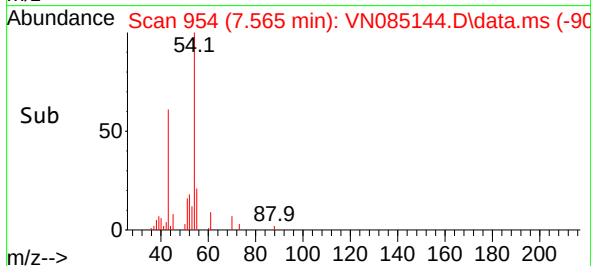
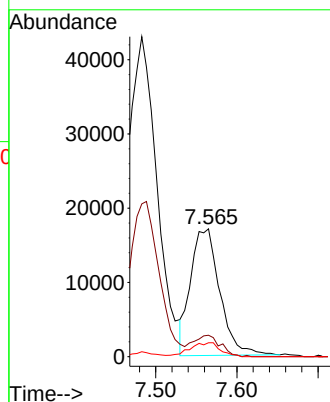
Tgt Ion: 43 Resp: 42554

Ion Ratio Lower Upper

43 100

61 16.0 11.7 17.5

70 11.6 9.3 13.9



#38

Carbon Tetrachloride

Concen: 19.750 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. 0.012 min

Lab File: VN085144.D

Acq: 09 Dec 2024 11:35

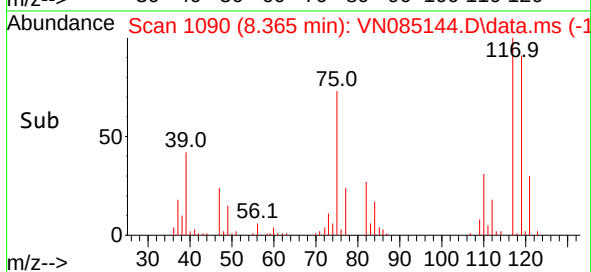
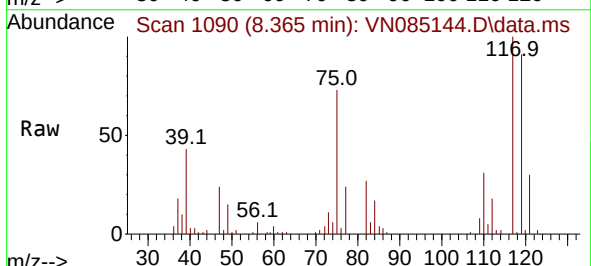
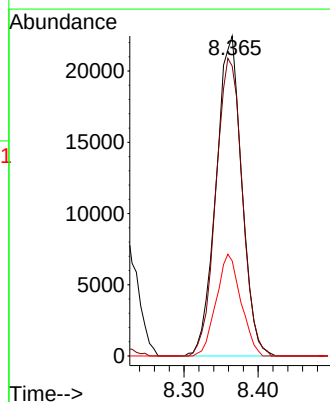
Tgt Ion: 117 Resp: 54048

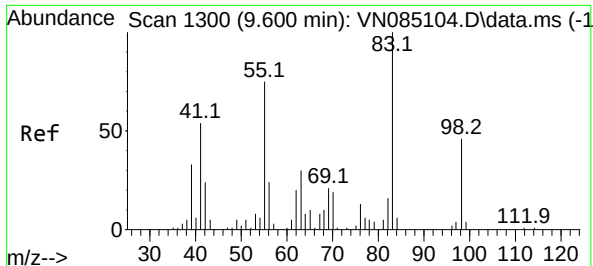
Ion Ratio Lower Upper

117 100

119 90.5 78.6 117.8

121 29.7 24.2 36.2





#39

Methylcyclohexane

Concen: 17.347 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.006 min

Lab File: VN085144.D

Acq: 09 Dec 2024 11:35

Instrument :

MSVOA_N

ClientSampleId :

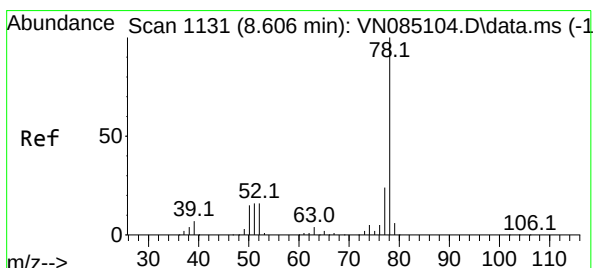
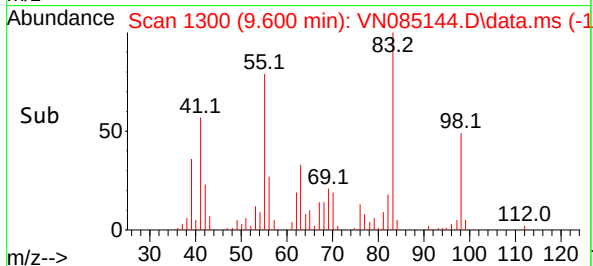
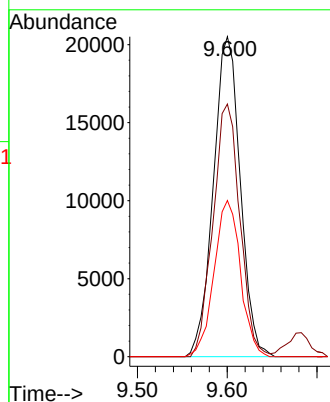
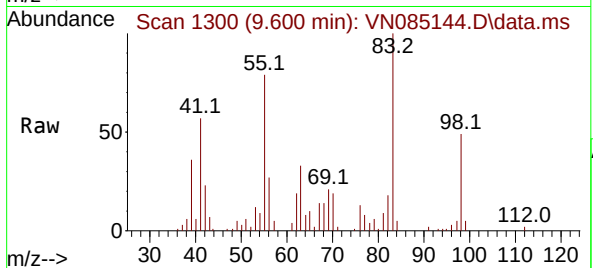
Tgt Ion: 83 Resp: 42735

Ion Ratio Lower Upper

83 100

55 79.0 61.8 92.6

98 48.8 37.0 55.6



#40

Benzene

Concen: 18.573 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VN085144.D

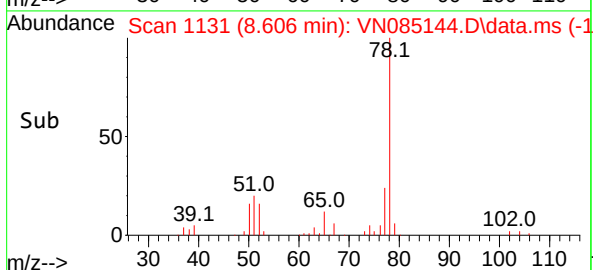
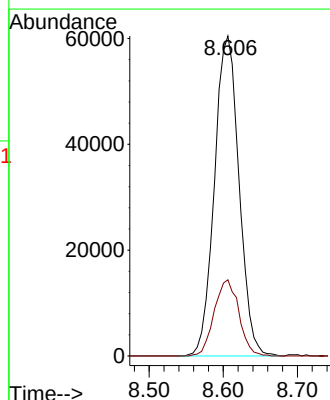
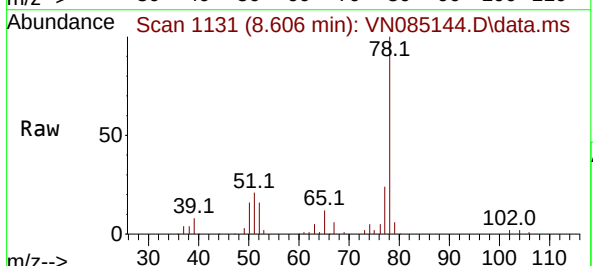
Acq: 09 Dec 2024 11:35

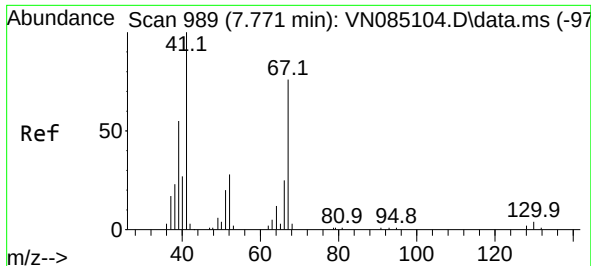
Tgt Ion: 78 Resp: 139262

Ion Ratio Lower Upper

78 100

77 23.8 18.5 27.7



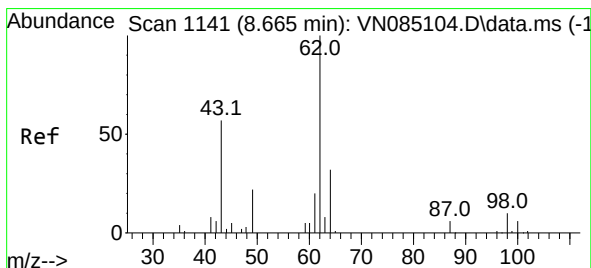
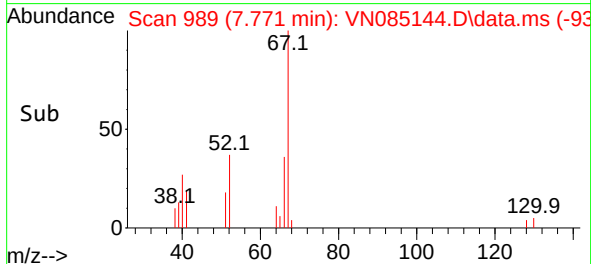
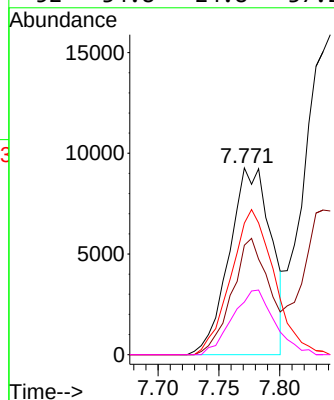
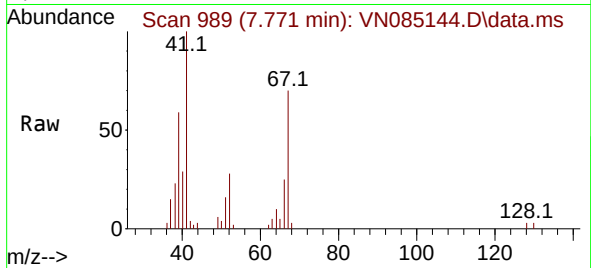


#41
Methacrylonitrile
Concen: 18.646 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 22251

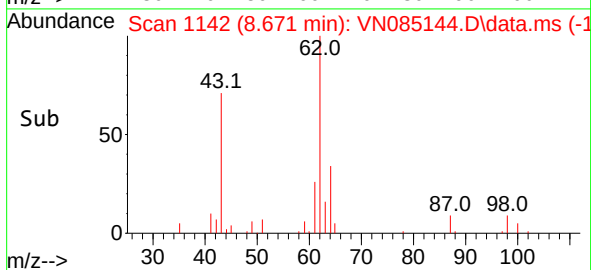
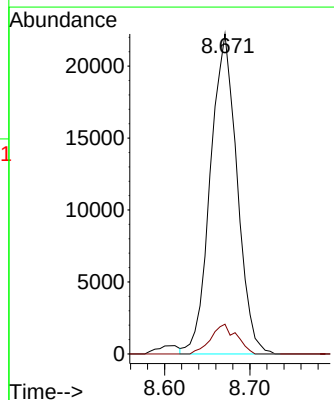
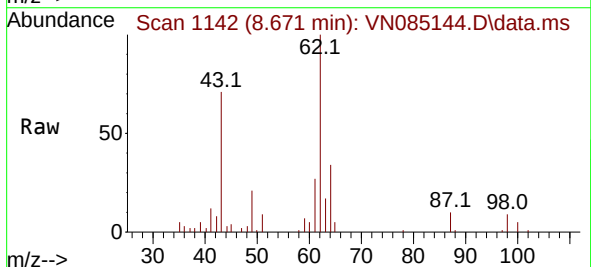
Ion	Ratio	Lower	Upper
41	100		
39	55.1	42.6	63.8
67	80.1	59.9	89.9
52	34.8	24.8	37.2

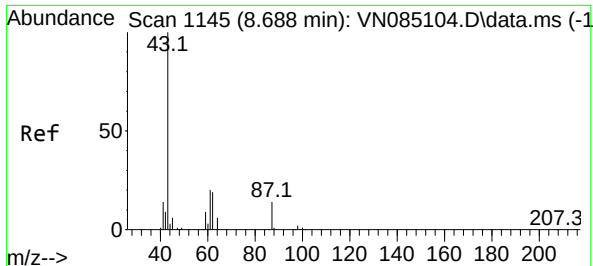


#42
1,2-Dichloroethane
Concen: 18.845 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

Tgt Ion: 62 Resp: 48342

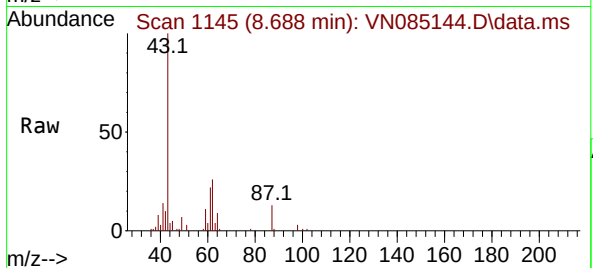
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	18.2



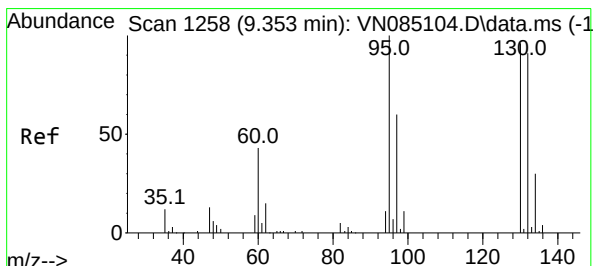
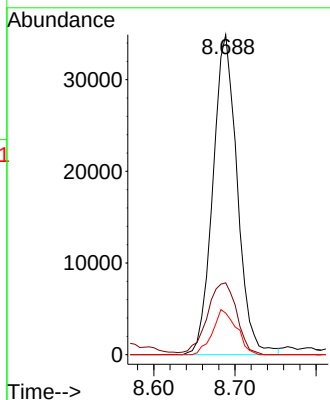
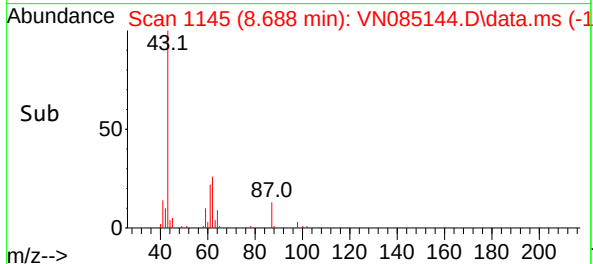


#43
Isopropyl Acetate
Concen: 16.245 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

Instrument :
MSVOA_N
ClientSampleId :

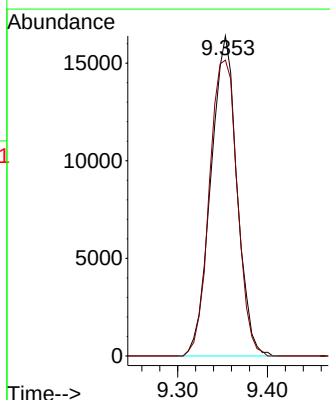
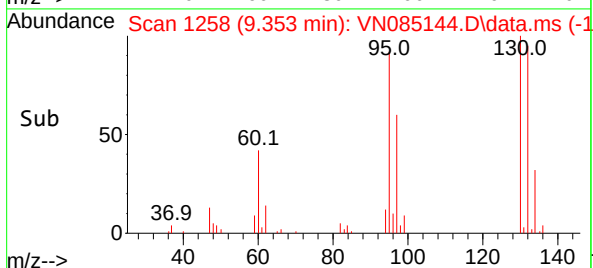
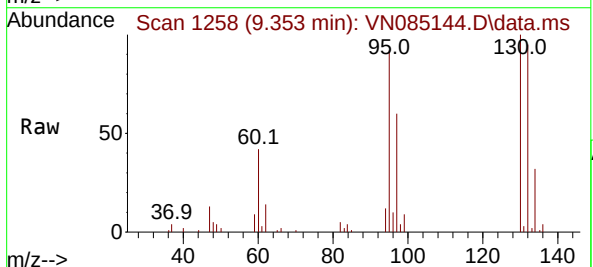


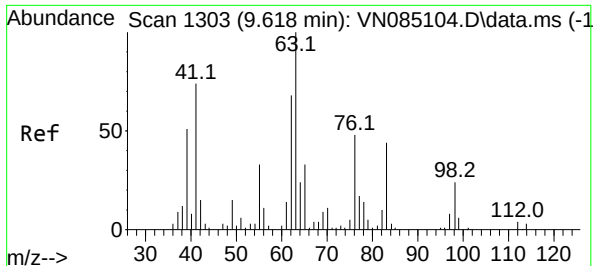
Tgt Ion: 43	Resp: 72727
Ion Ratio	Lower Upper
43	100
61	27.3 20.6 30.8
87	13.9 11.0 16.4



#44
Trichloroethene
Concen: 19.010 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

Tgt Ion: 130	Resp: 33126
Ion Ratio	Lower Upper
130	100
95	92.5 0.0 213.4





#45

1,2-Dichloropropane

Concen: 18.593 ug/l

RT: 9.618 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN085144.D

Acq: 09 Dec 2024 11:35

Instrument :

MSVOA_N

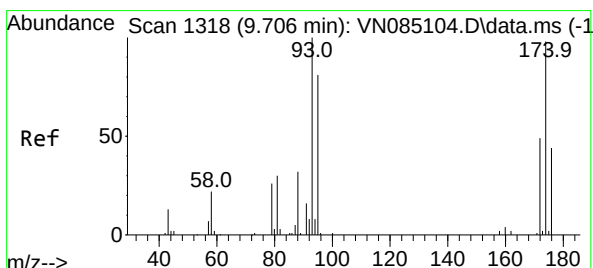
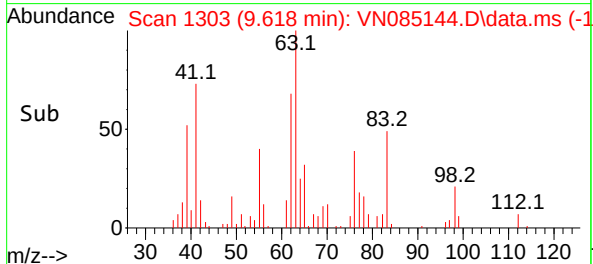
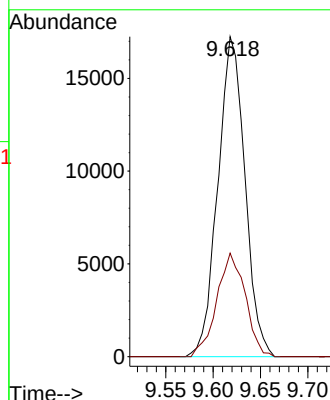
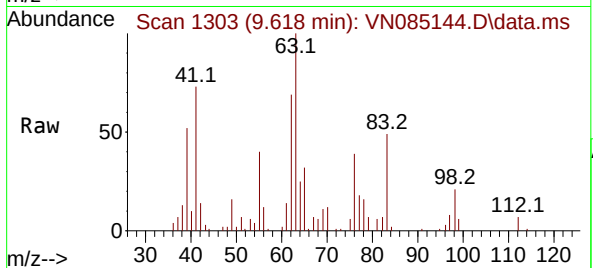
ClientSampleId :

Tgt Ion: 63 Resp: 34338

Ion Ratio Lower Upper

63 100

65 32.4 24.0 36.0



#46

Dibromomethane

Concen: 19.674 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.006 min

Lab File: VN085144.D

Acq: 09 Dec 2024 11:35

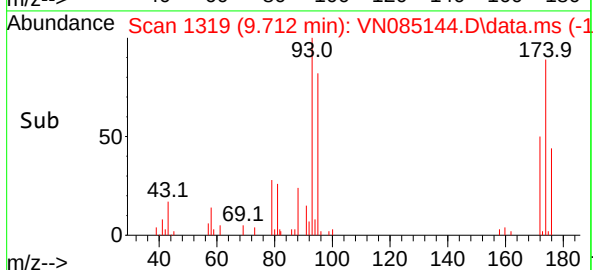
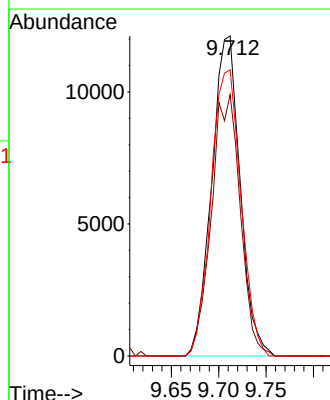
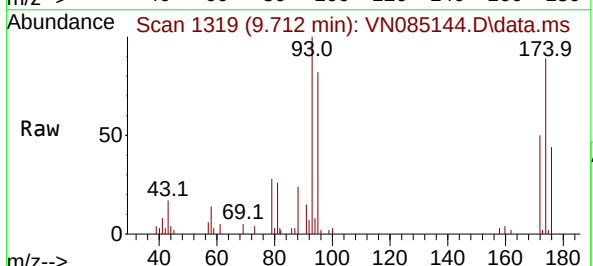
Tgt Ion: 93 Resp: 25247

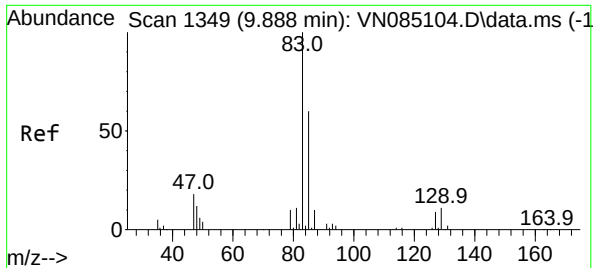
Ion Ratio Lower Upper

93 100

95 83.1 66.2 99.4

174 94.2 74.9 112.3

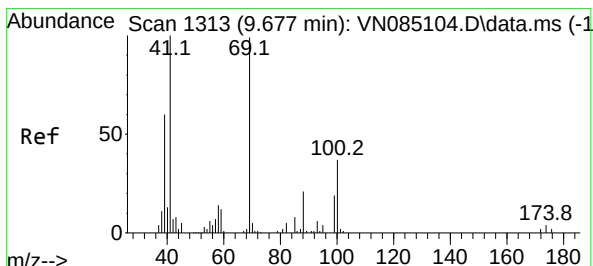
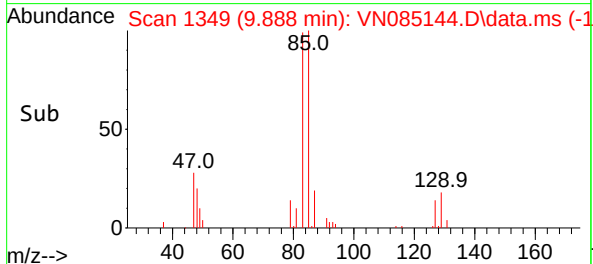
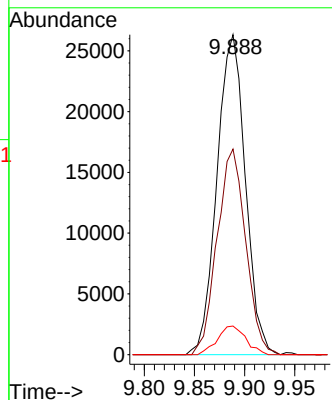
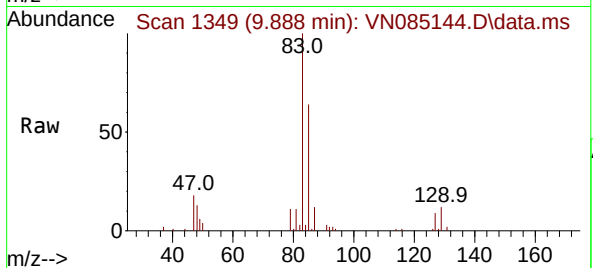




#47
Bromodichloromethane
Concen: 19.002 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.006 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

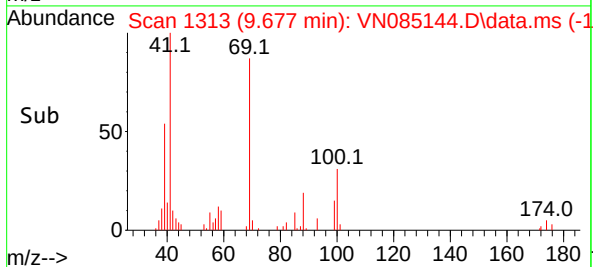
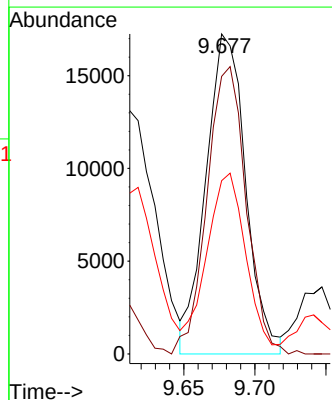
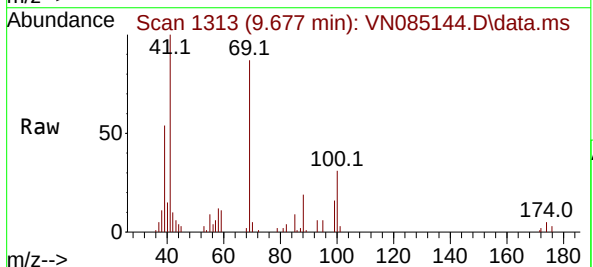
Instrument :
MSVOA_N
ClientSampleId :

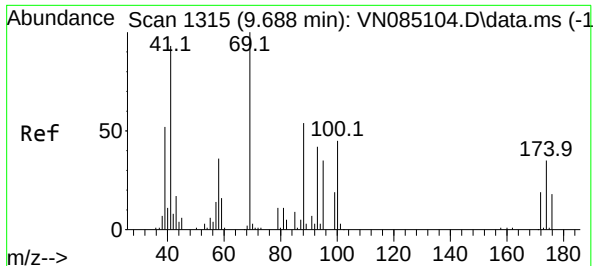
Tgt Ion: 83 Resp: 51682
Ion Ratio Lower Upper
83 100
85 64.3 50.5 75.7
127 9.0 7.1 10.7



#48
Methyl methacrylate
Concen: 20.109 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

Tgt Ion: 41 Resp: 33500
Ion Ratio Lower Upper
41 100
69 88.5 73.2 109.8
39 56.1 46.2 69.4





#49

1,4-Dioxane

Concen: 461.086 ug/l

RT: 9.694 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN085144.D

Acq: 09 Dec 2024 11:35

Instrument :

MSVOA_N

ClientSampleId :

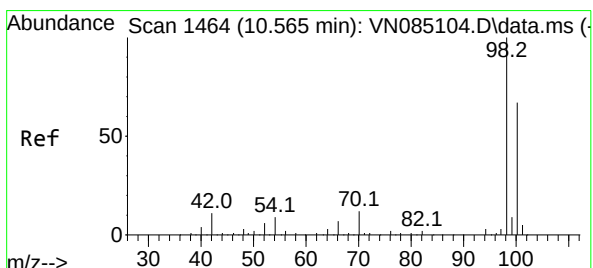
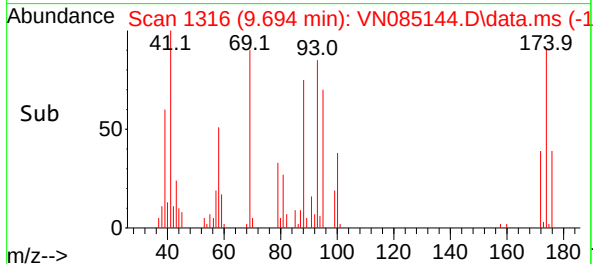
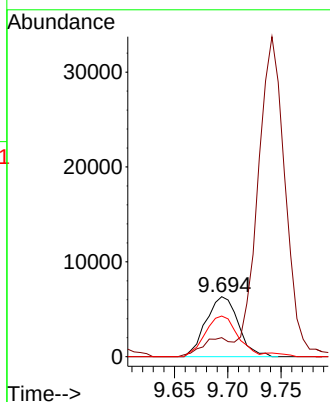
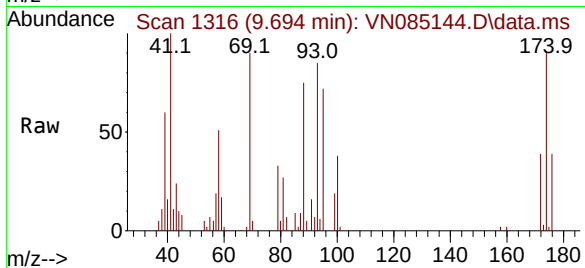
Tgt Ion: 88 Resp: 13321

Ion Ratio Lower Upper

88 100

43 29.8 16.7 25.1#

58 69.0 56.5 84.7



#50

Toluene-d8

Concen: 48.643 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085144.D

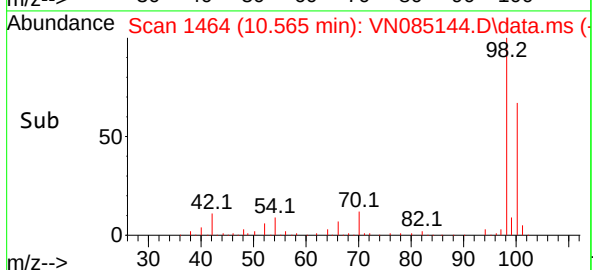
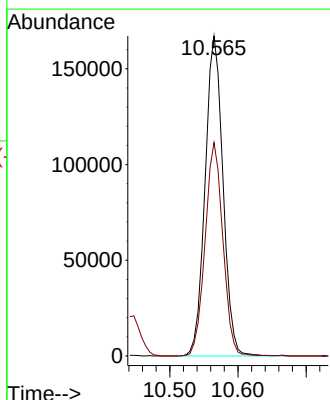
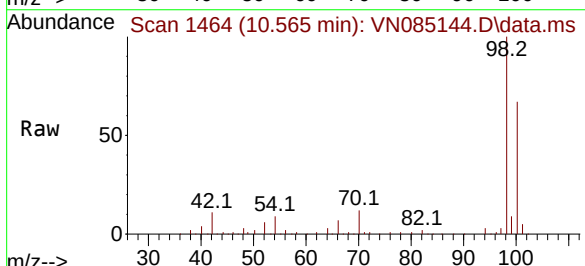
Acq: 09 Dec 2024 11:35

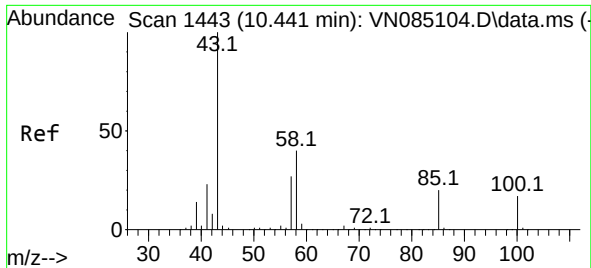
Tgt Ion: 98 Resp: 305121

Ion Ratio Lower Upper

98 100

100 66.4 52.5 78.7

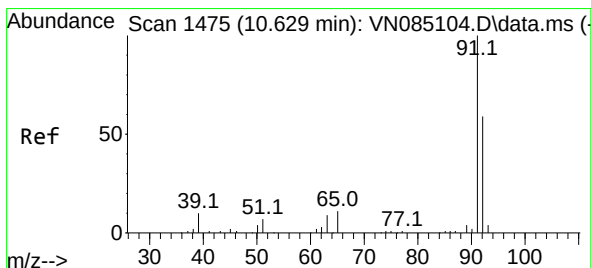
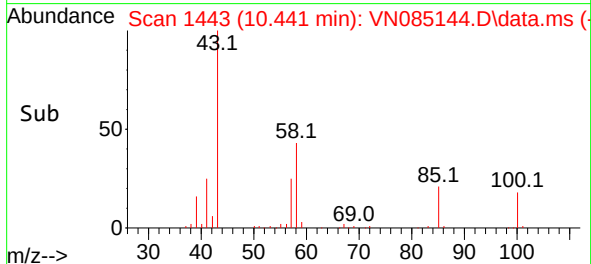
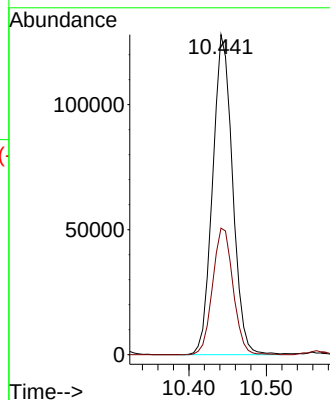
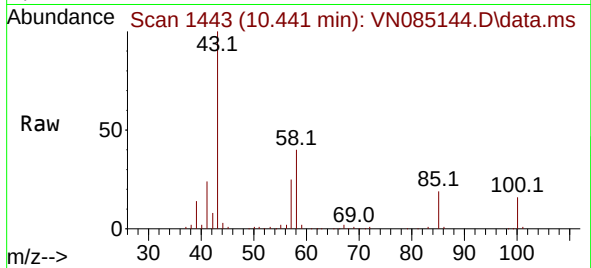




#51
4-Methyl-2-Pentanone
Concen: 111.838 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

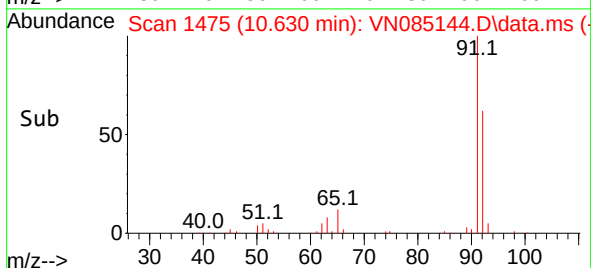
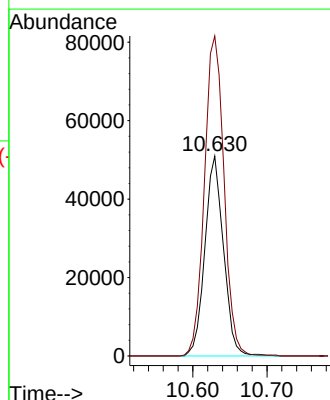
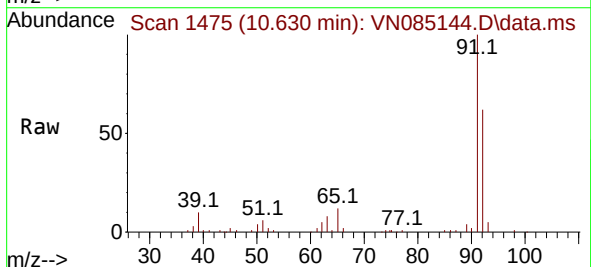
Instrument :
MSVOA_N
ClientSampleId :

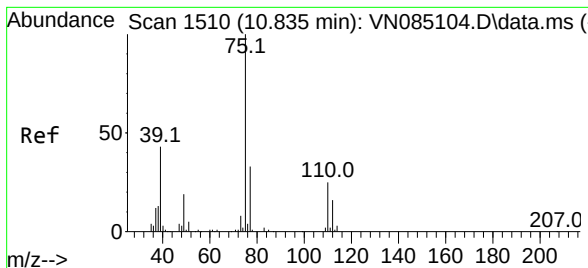
Tgt Ion: 43 Resp: 228689
Ion Ratio Lower Upper
43 100
58 40.5 32.1 48.1



#52
Toluene
Concen: 20.025 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

Tgt Ion: 92 Resp: 88892
Ion Ratio Lower Upper
92 100
91 168.5 136.7 205.1

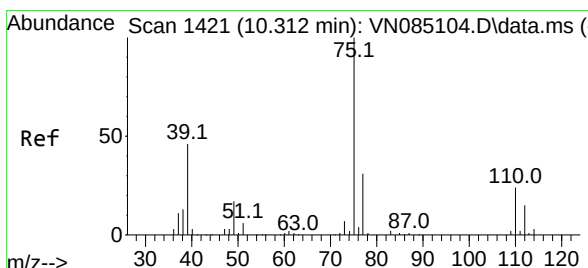
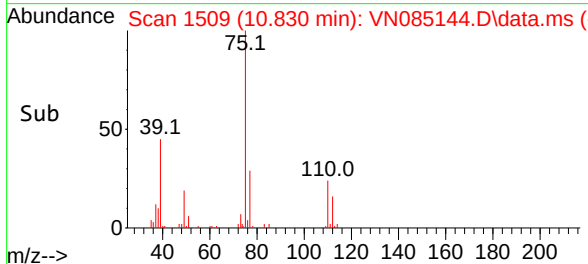
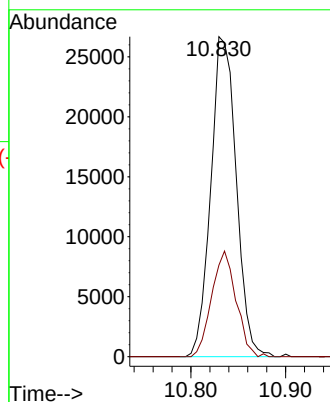
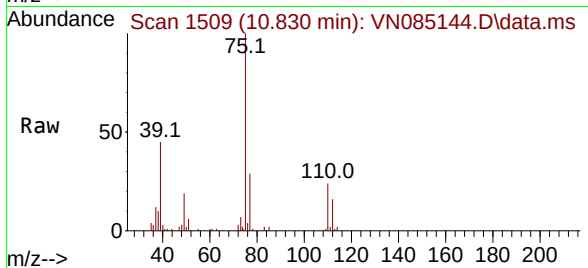




#53
t-1,3-Dichloropropene
Concen: 18.255 ug/l
RT: 10.830 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

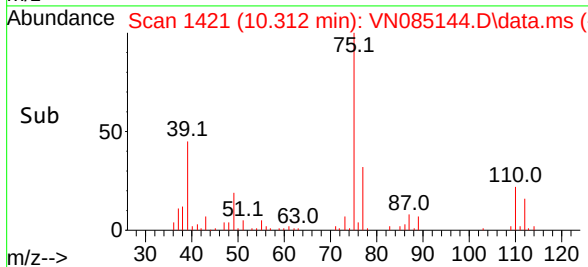
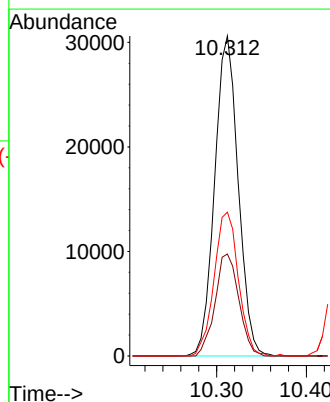
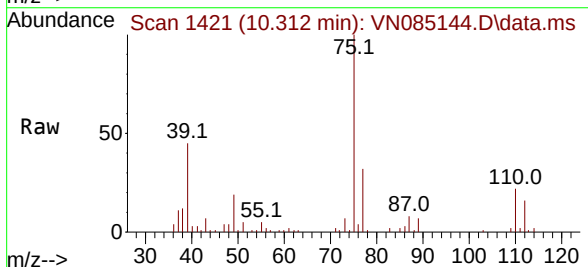
Instrument :
MSVOA_N
ClientSampleId :

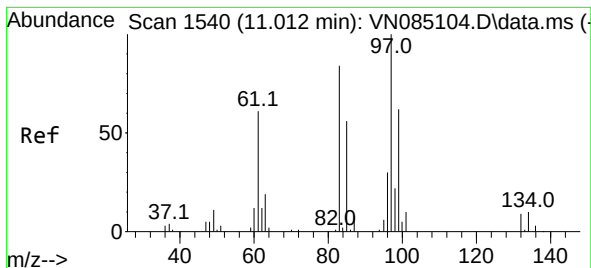
Tgt Ion: 75 Resp: 49777
Ion Ratio Lower Upper
75 100
77 28.6 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 19.228 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

Tgt Ion: 75 Resp: 55624
Ion Ratio Lower Upper
75 100
77 31.8 25.0 37.4
39 44.9 37.6 56.4





#55

1,1,2-Trichloroethane

Concen: 20.727 ug/l

RT: 11.018 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085144.D

Acq: 09 Dec 2024 11:35

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 97 Resp: 34271

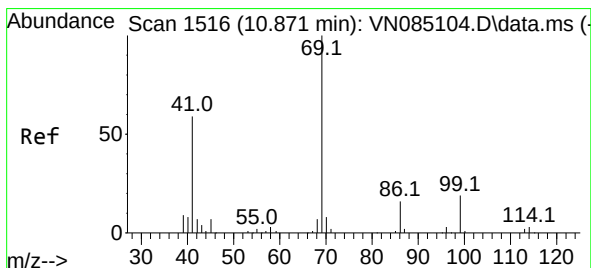
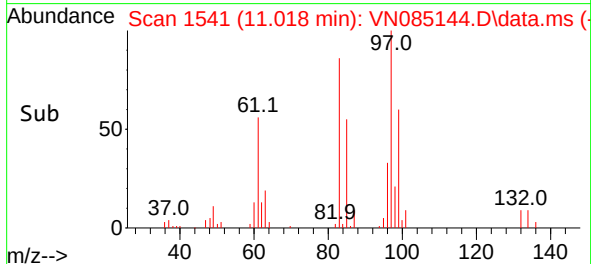
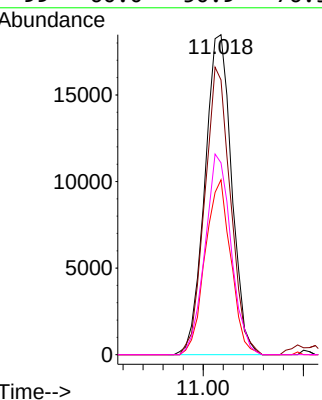
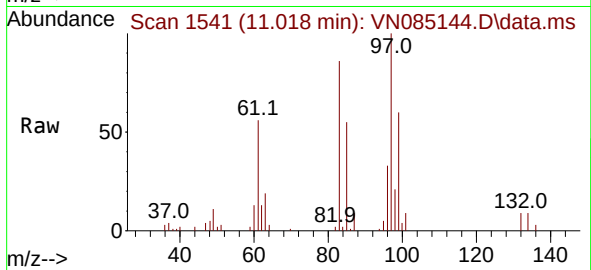
Ion Ratio Lower Upper

97 100

83 85.8 67.4 101.2

85 54.6 43.1 64.7

99 60.0 50.9 76.3



#56

Ethyl methacrylate

Concen: 20.617 ug/l

RT: 10.877 min Scan# 1517

Delta R.T. 0.006 min

Lab File: VN085144.D

Acq: 09 Dec 2024 11:35

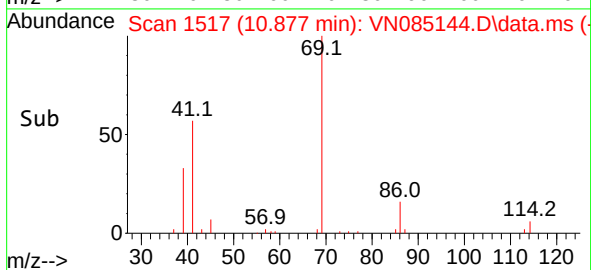
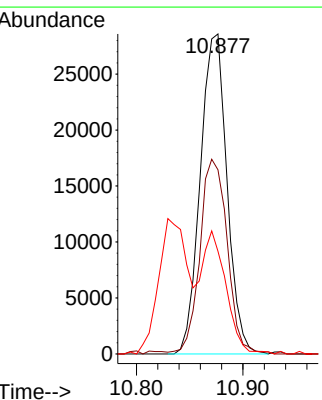
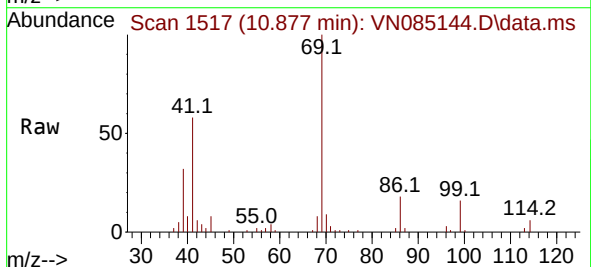
Tgt Ion: 69 Resp: 49811

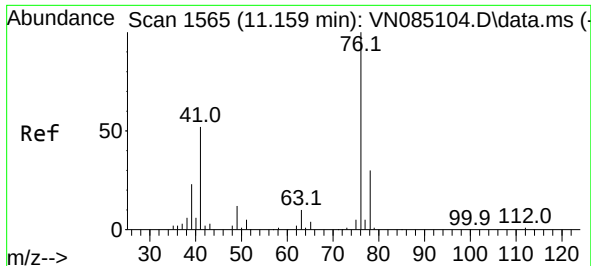
Ion Ratio Lower Upper

69 100

41 62.2 50.0 75.0

39 35.7 27.0 40.6





#57

1,3-Dichloropropane

Concen: 18.863 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. -0.000 min

Lab File: VN085144.D

Acq: 09 Dec 2024 11:35

Instrument :

MSVOA_N

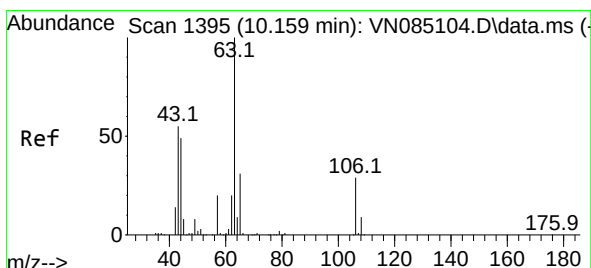
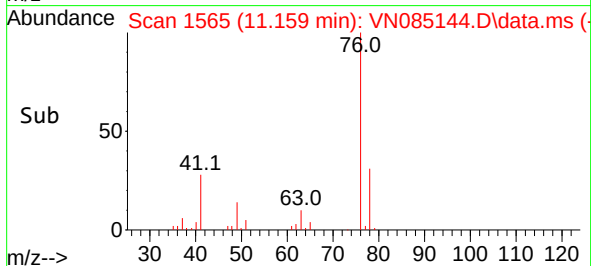
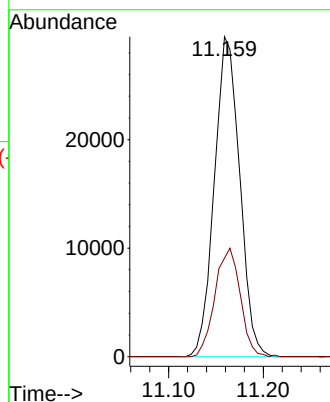
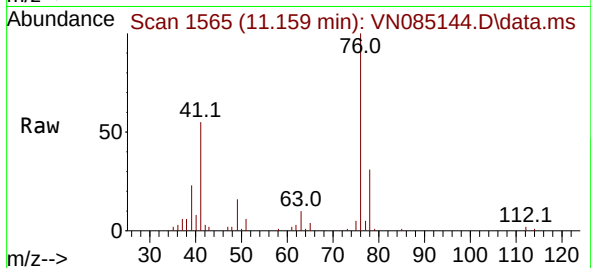
ClientSampleId :

Tgt Ion: 76 Resp: 54891

Ion Ratio Lower Upper

76 100

78 33.9 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 90.899 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN085144.D

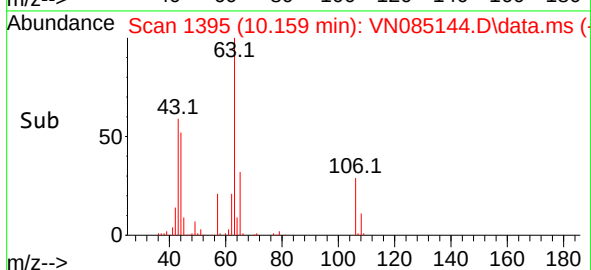
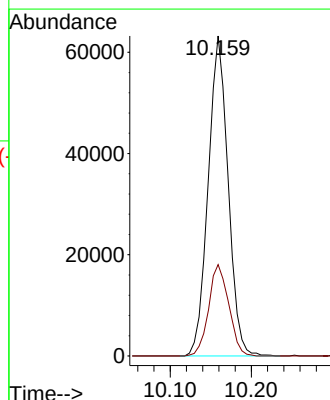
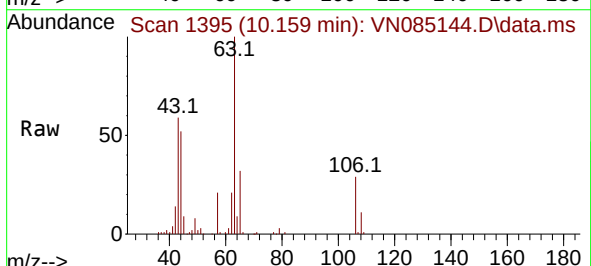
Acq: 09 Dec 2024 11:35

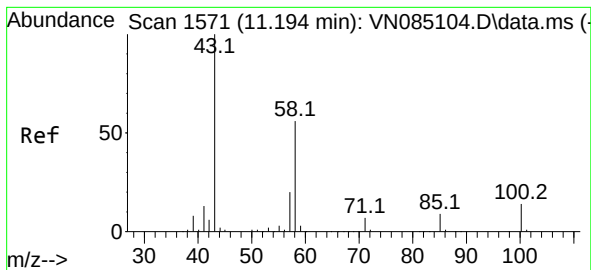
Tgt Ion: 63 Resp: 107728

Ion Ratio Lower Upper

63 100

106 28.8 23.0 34.6

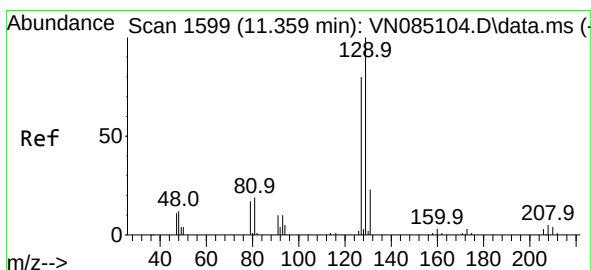
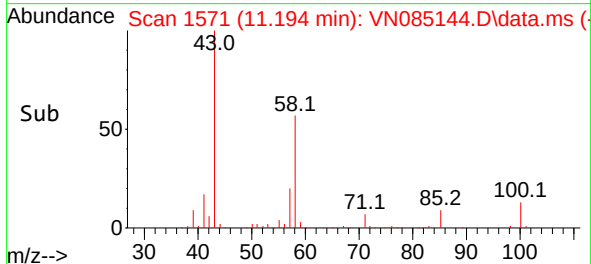
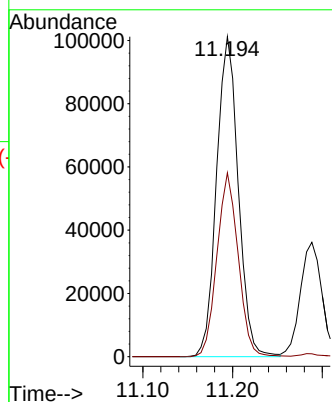
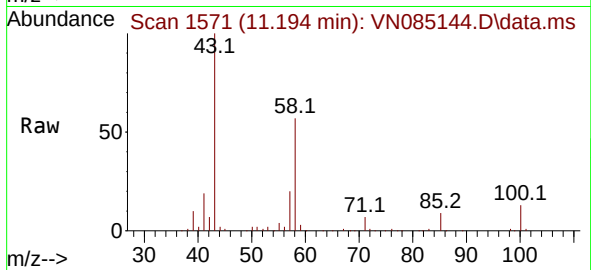




#59
2-Hexanone
Concen: 111.153 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

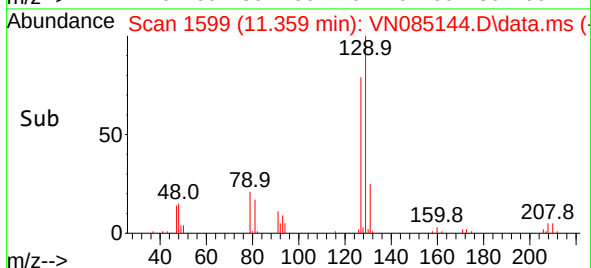
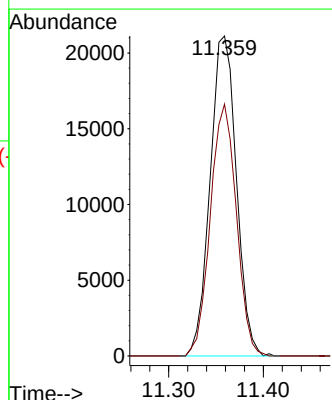
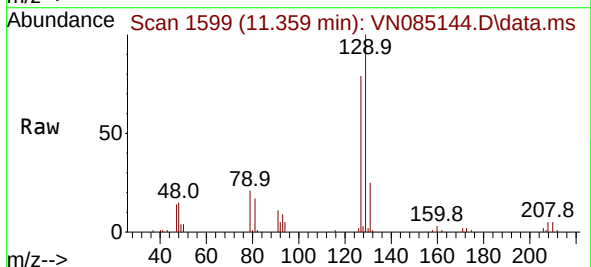
Instrument :
MSVOA_N
ClientSampleId :

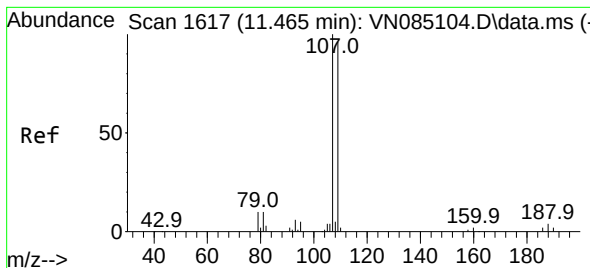
Tgt Ion: 43 Resp: 169991
Ion Ratio Lower Upper
43 100
58 56.3 28.3 85.0



#60
Dibromochloromethane
Concen: 20.181 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

Tgt Ion:129 Resp: 40779
Ion Ratio Lower Upper
129 100
127 77.8 39.2 117.6





#61

1,2-Dibromoethane

Concen: 19.372 ug/l

RT: 11.471 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN085144.D

Acq: 09 Dec 2024 11:35

Instrument :

MSVOA_N

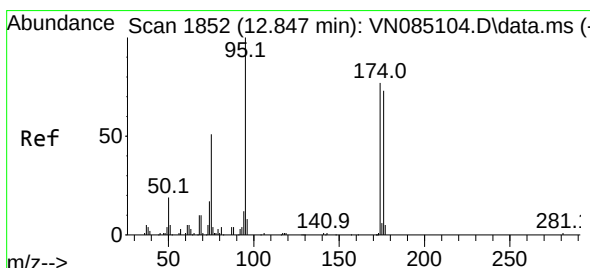
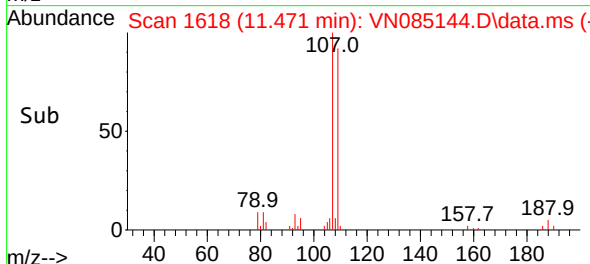
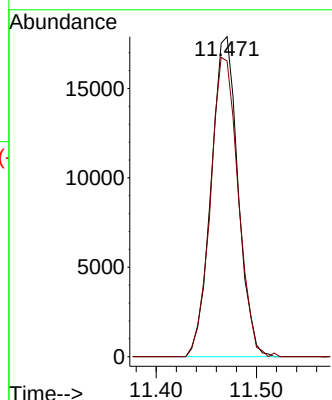
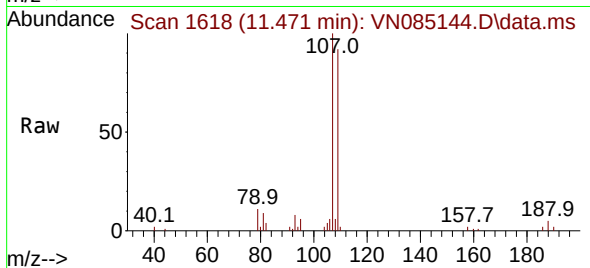
ClientSampleId :

Tgt Ion:107 Resp: 33148

Ion Ratio Lower Upper

107 100

109 96.7 76.1 114.1



#62

4-Bromofluorobenzene

Concen: 47.272 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN085144.D

Acq: 09 Dec 2024 11:35

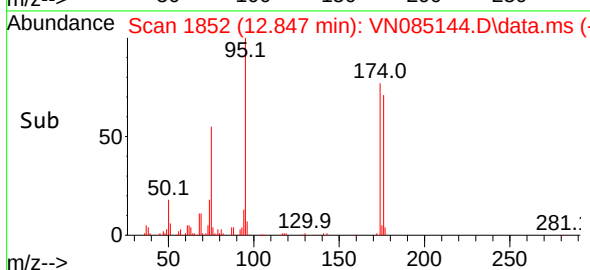
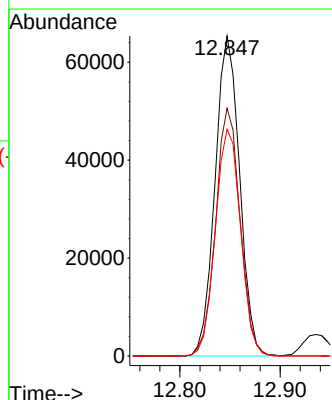
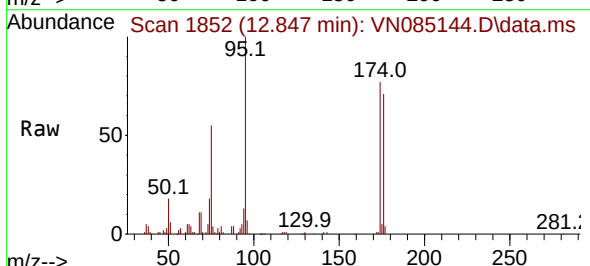
Tgt Ion: 95 Resp: 110888

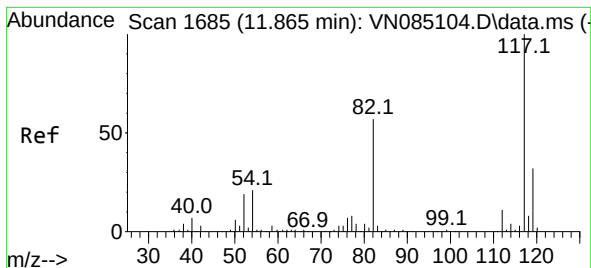
Ion Ratio Lower Upper

95 100

174 77.2 0.0 146.6

176 72.7 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: VN085144.D

Acq: 09 Dec 2024 11:35

Instrument :

MSVOA_N

ClientSampleId :

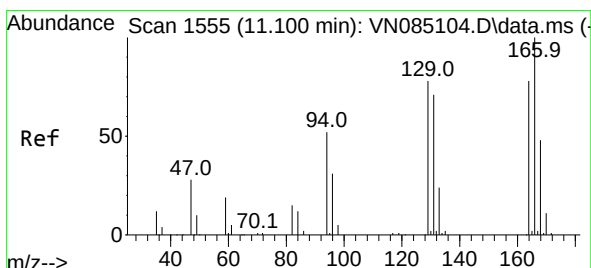
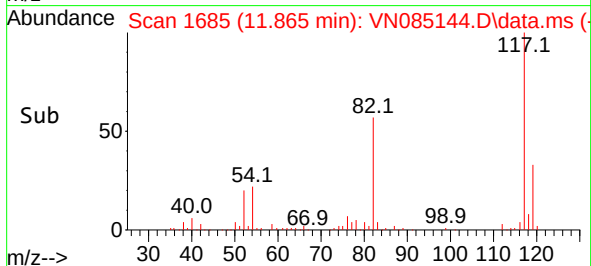
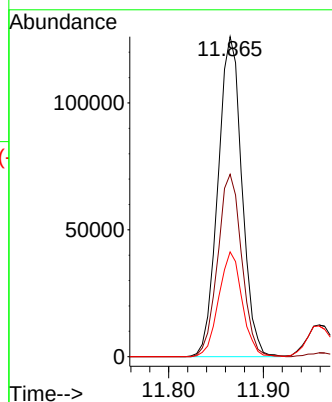
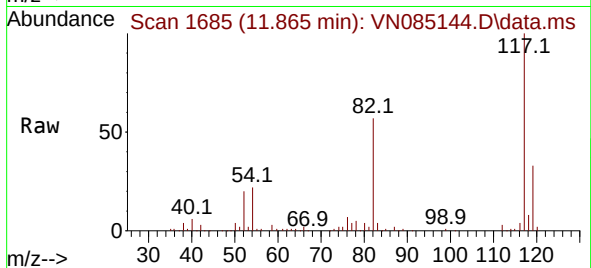
Tgt Ion:117 Resp: 222034

Ion Ratio Lower Upper

117 100

82 57.0 46.0 69.0

119 32.8 25.6 38.4



#64

Tetrachloroethene

Concen: 20.769 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.006 min

Lab File: VN085144.D

Acq: 09 Dec 2024 11:35

Tgt Ion:164 Resp: 31073

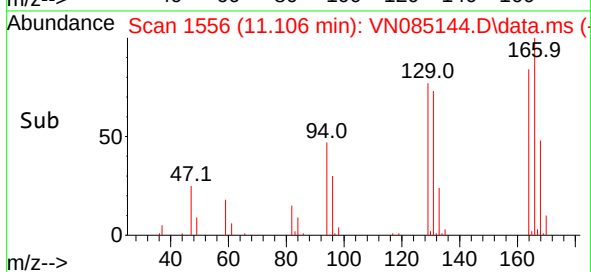
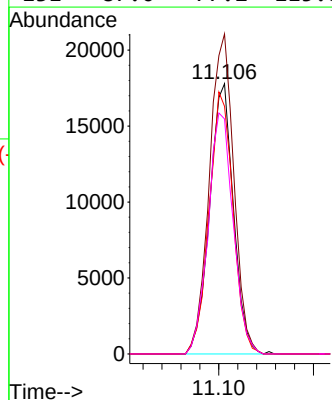
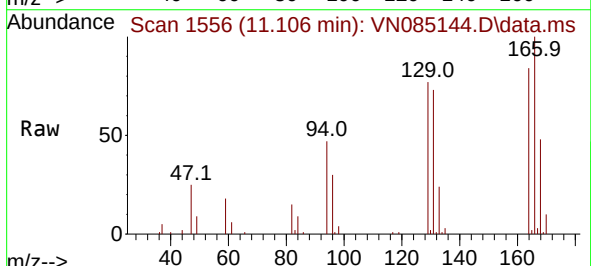
Ion Ratio Lower Upper

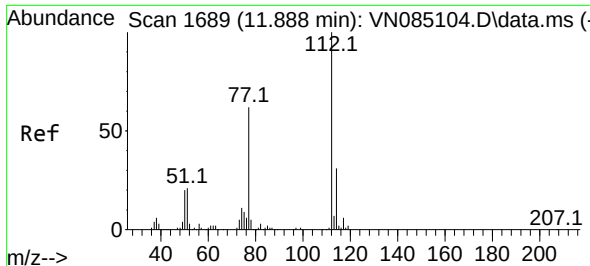
164 100

166 118.4 100.6 151.0

129 91.6 77.7 116.5

131 87.0 77.2 115.8

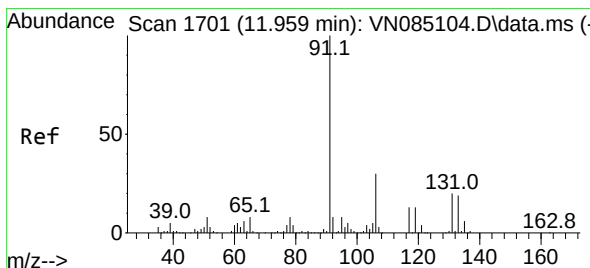
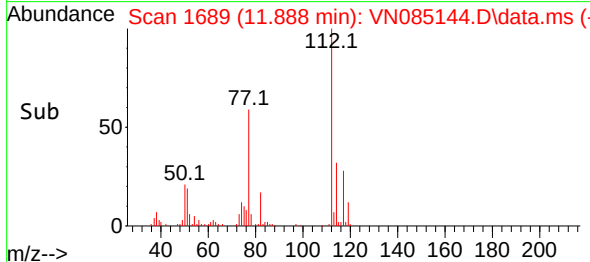
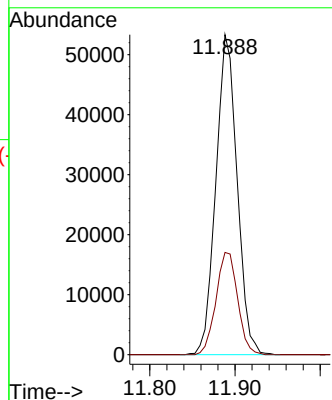
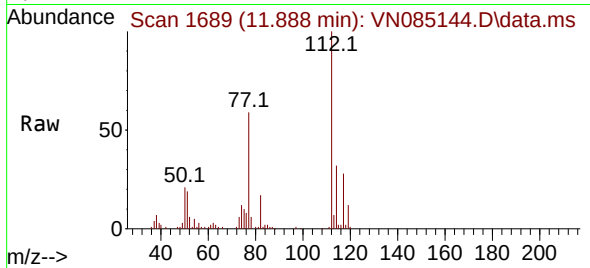




#65
Chlorobenzene
Concen: 18.322 ug/l
RT: 11.888 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

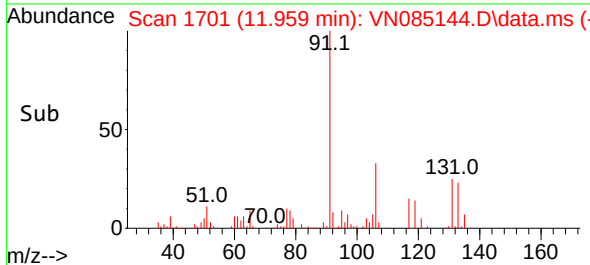
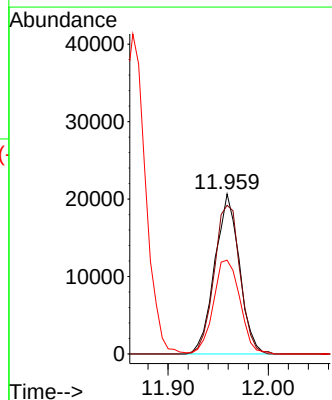
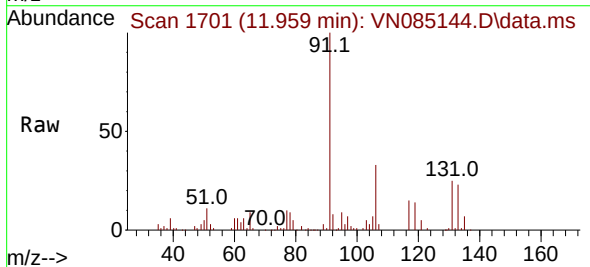
Instrument :
MSVOA_N
ClientSampleId :

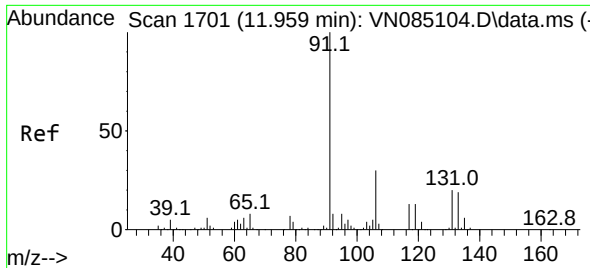
Tgt Ion:112 Resp: 92261
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.936 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

Tgt Ion:131 Resp: 35345
Ion Ratio Lower Upper
131 100
133 97.7 47.8 143.4
119 63.1 32.1 96.3

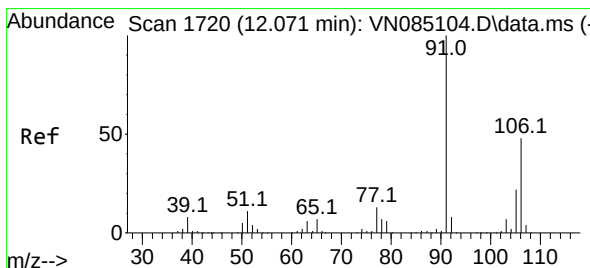
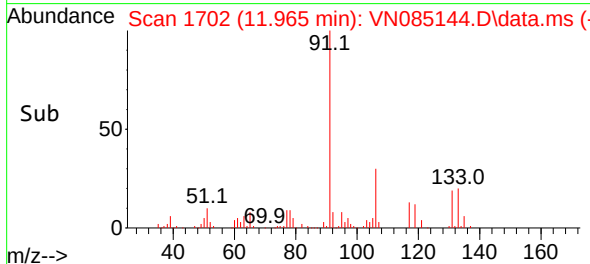
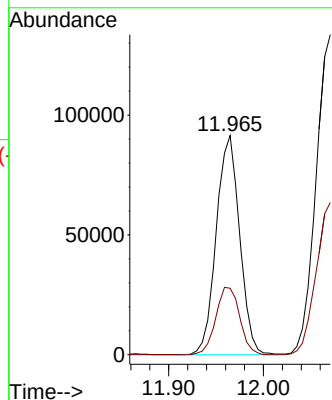
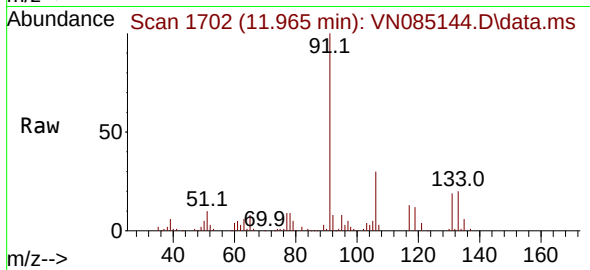




#67
Ethyl Benzene
Concen: 19.210 ug/l
RT: 11.965 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

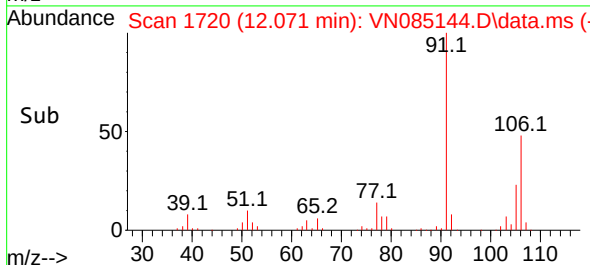
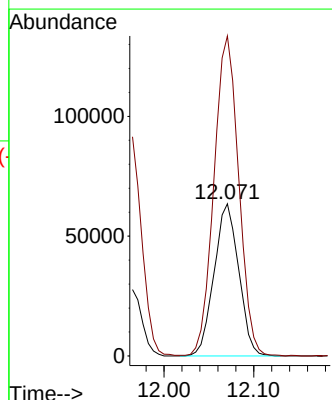
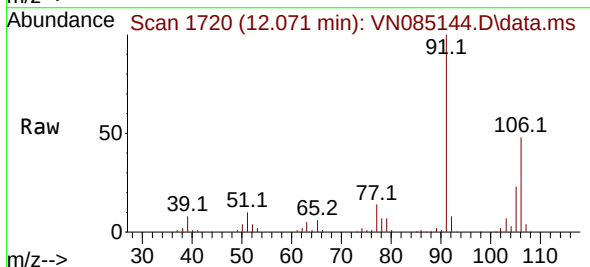
Instrument :
MSVOA_N
ClientSampleId :

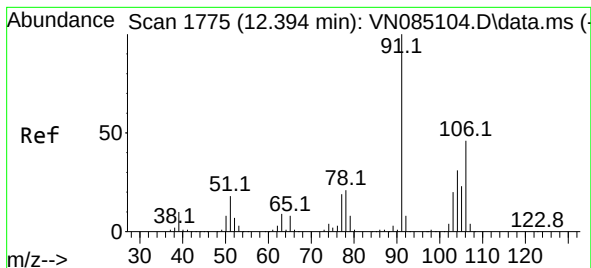
Tgt Ion: 91 Resp: 156939
Ion Ratio Lower Upper
91 100
106 30.3 24.7 37.1



#68
m/p-Xylenes
Concen: 38.938 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

Tgt Ion:106 Resp: 121108
Ion Ratio Lower Upper
106 100
91 211.5 168.0 252.0





#69

o-Xylene

Concen: 19.599 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VN085144.D

Acq: 09 Dec 2024 11:35

Instrument :

MSVOA_N

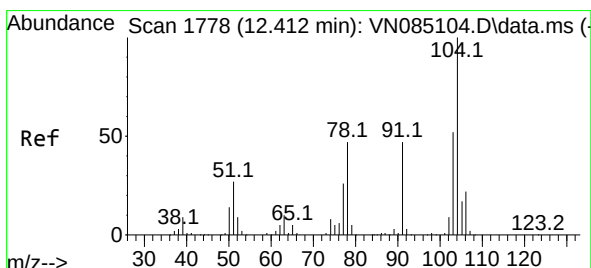
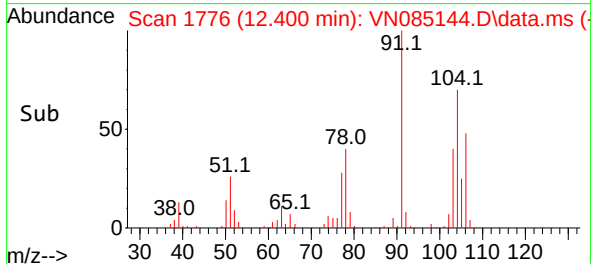
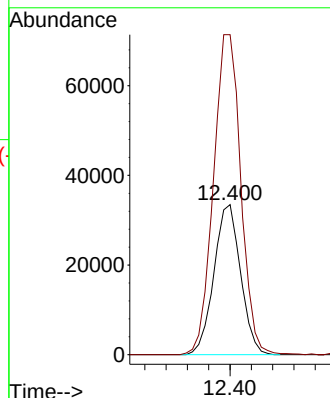
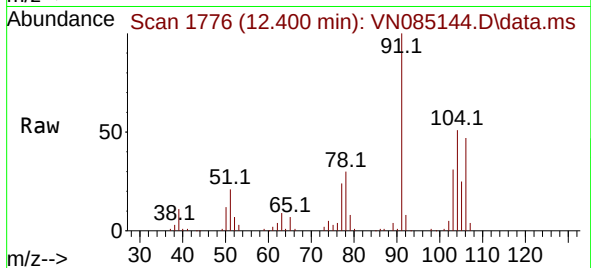
ClientSampleId :

Tgt Ion:106 Resp: 57985

Ion Ratio Lower Upper

106 100

91 219.2 110.7 331.9



#70

Styrene

Concen: 19.960 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.006 min

Lab File: VN085144.D

Acq: 09 Dec 2024 11:35

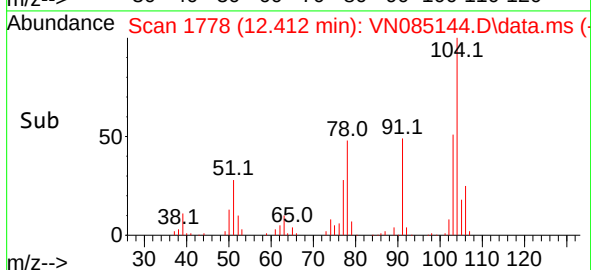
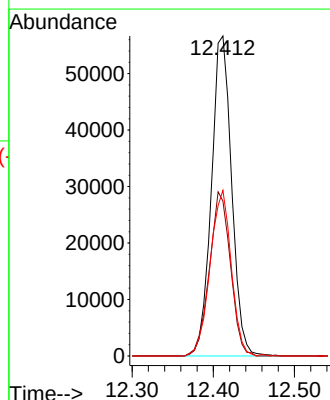
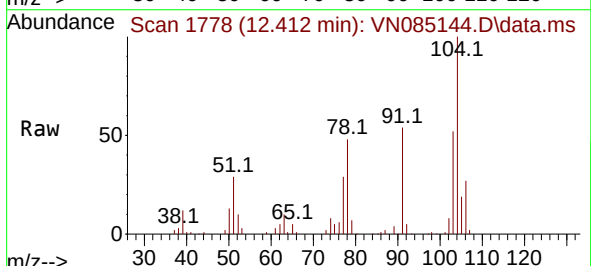
Tgt Ion:104 Resp: 98206

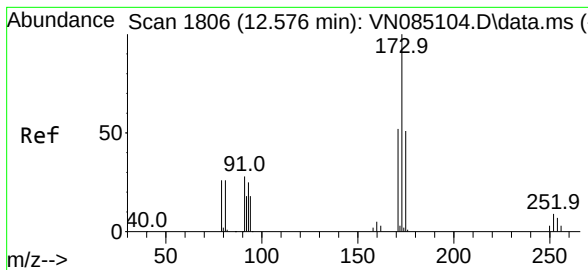
Ion Ratio Lower Upper

104 100

78 53.2 42.3 63.5

103 53.8 44.2 66.2

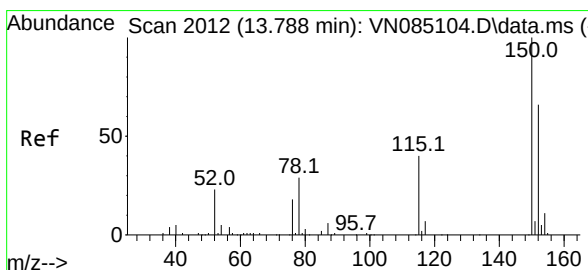
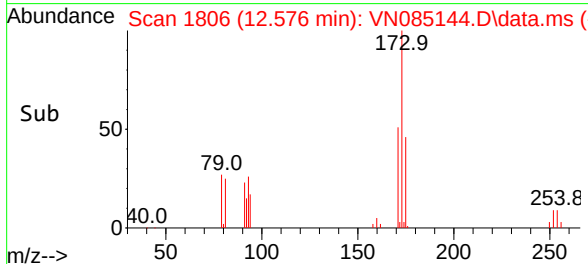
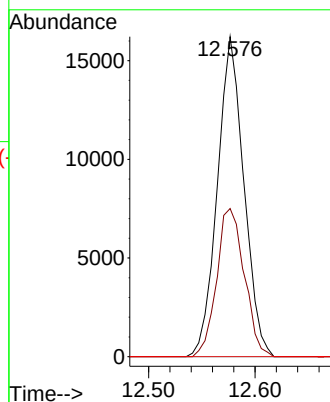
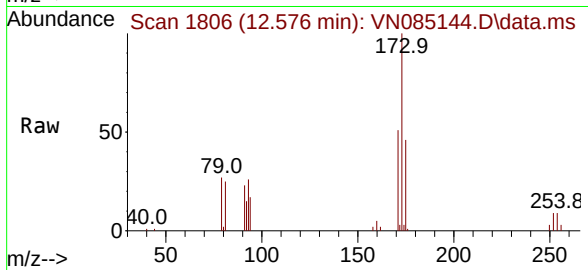




#71
Bromoform
Concen: 21.300 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

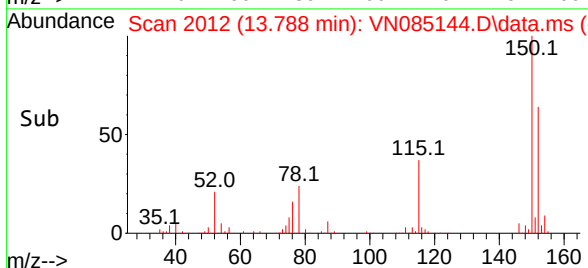
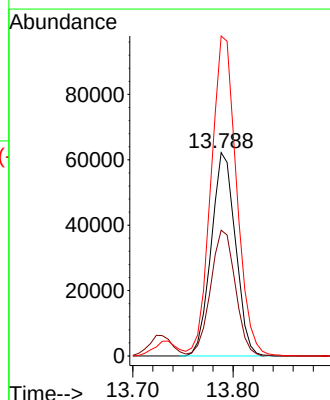
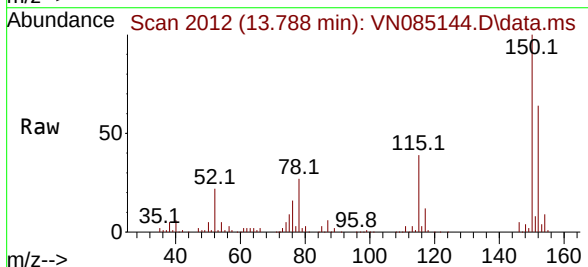
Instrument :
MSVOA_N
ClientSampleId :

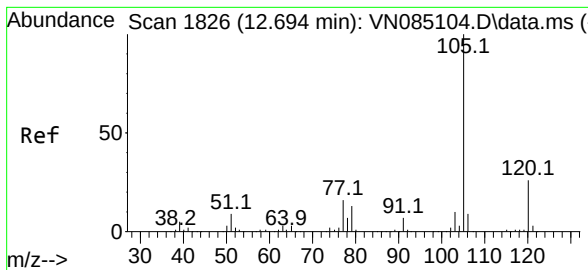
Tgt Ion:173 Resp: 28031
Ion Ratio Lower Upper
173 100
175 48.2 23.8 71.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

Tgt Ion:152 Resp: 104600
Ion Ratio Lower Upper
152 100
115 63.2 31.7 95.1
150 165.7 0.0 351.4





#73

Isopropylbenzene

Concen: 19.995 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN085144.D

Acq: 09 Dec 2024 11:35

Instrument :

MSVOA_N

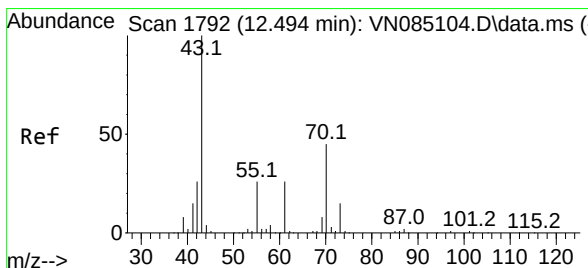
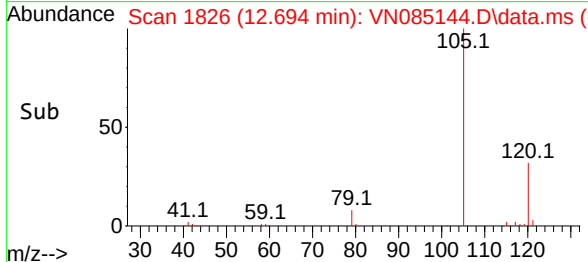
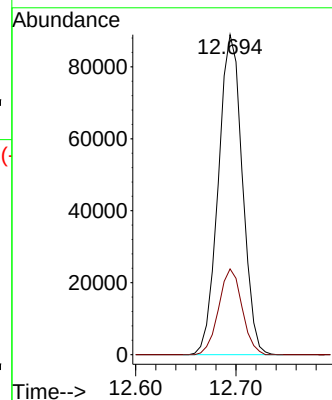
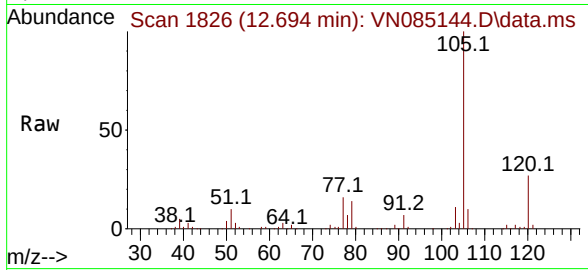
ClientSampleId :

Tgt Ion:105 Resp: 147544

Ion Ratio Lower Upper

105 100

120 26.1 13.0 39.0



#74

N-ethyl acetate

Concen: 20.417 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN085144.D

Acq: 09 Dec 2024 11:35

Tgt Ion: 43 Resp: 62083

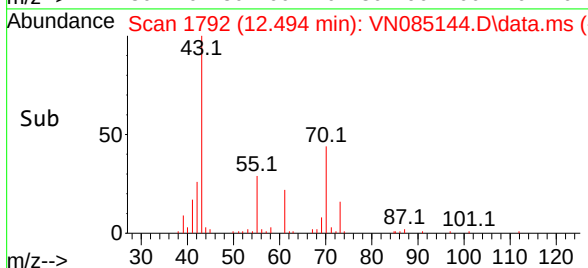
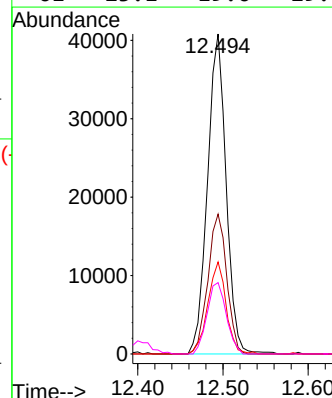
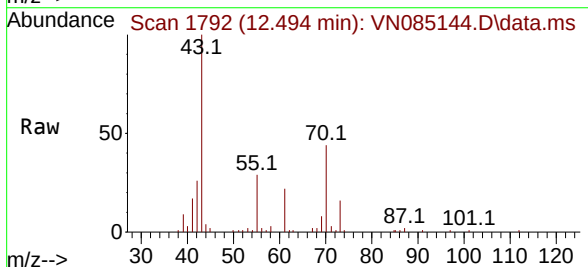
Ion Ratio Lower Upper

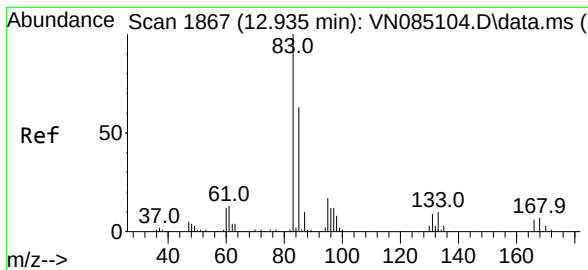
43 100

70 44.2 34.6 51.8

55 28.2 20.5 30.7

61 23.1 19.6 29.4

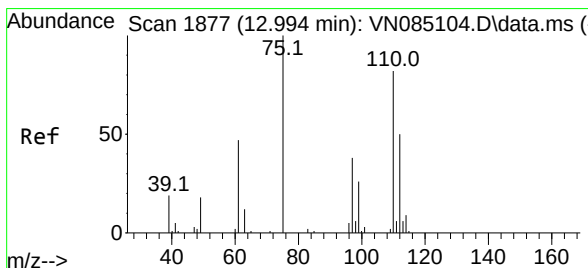
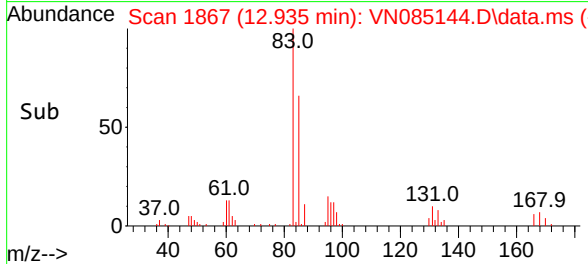
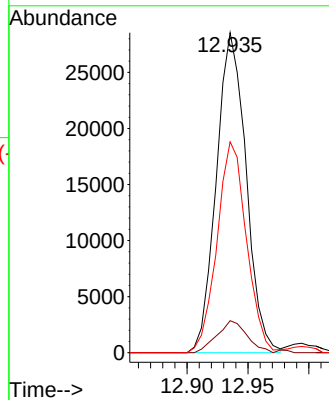
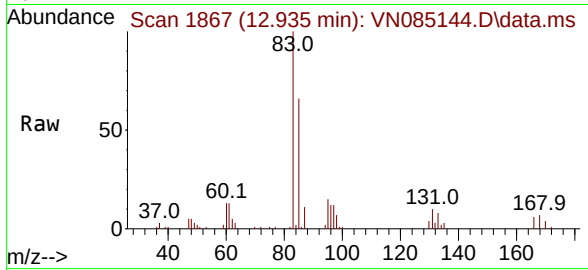




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.251 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. -0.000 min
 Lab File: VN085144.D
 Acq: 09 Dec 2024 11:35

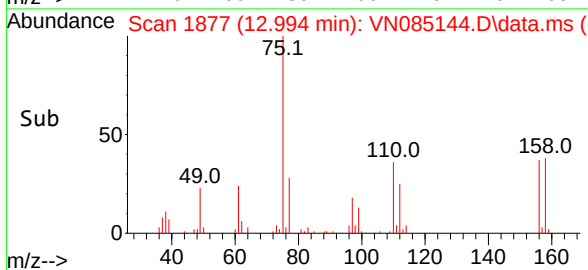
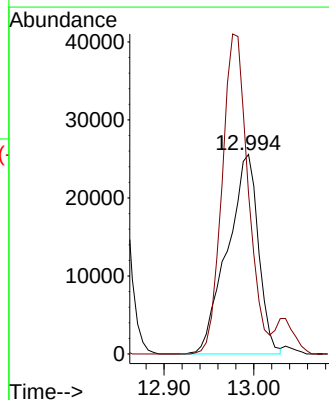
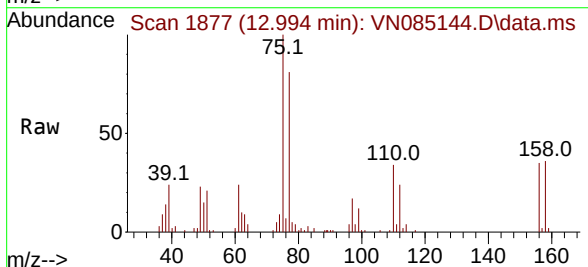
Instrument :
 MSVOA_N
 ClientSampleId :

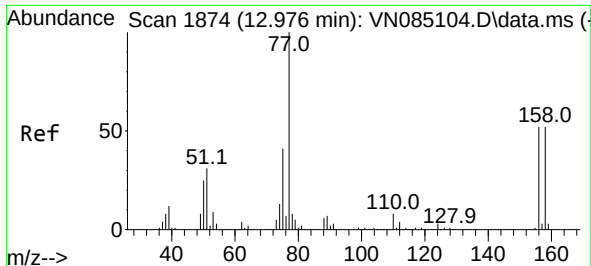
Tgt Ion: 83 Resp: 48508
 Ion Ratio Lower Upper
 83 100
 131 10.1 5.1 15.4
 85 65.2 32.1 96.3



#76
 1,2,3-Trichloropropane
 Concen: 32.264 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. -0.000 min
 Lab File: VN085144.D
 Acq: 09 Dec 2024 11:35

Tgt Ion: 75 Resp: 61386
 Ion Ratio Lower Upper
 75 100
 77 134.6 109.1 327.4

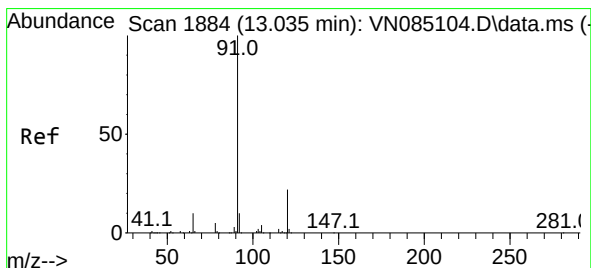
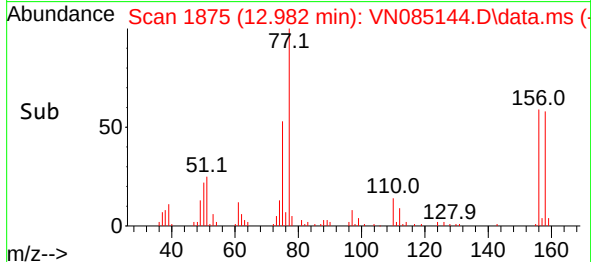
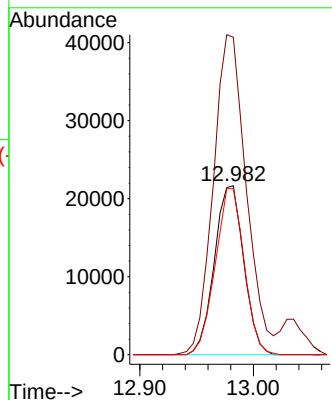
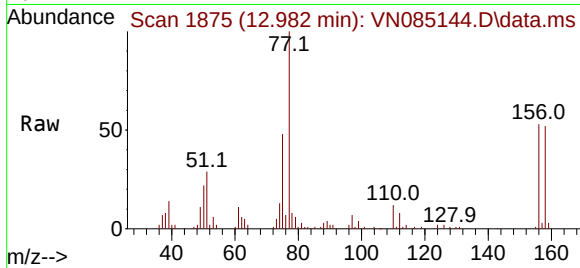




#77
Bromobenzene
Concen: 19.603 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.006 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

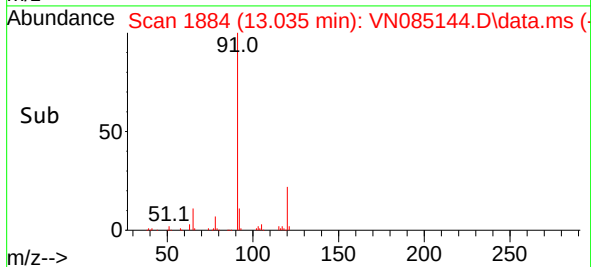
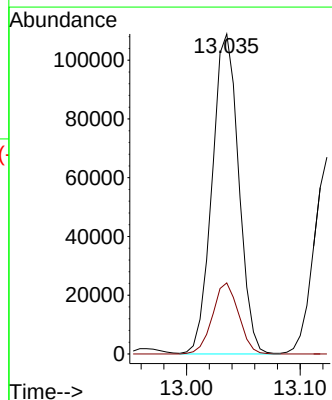
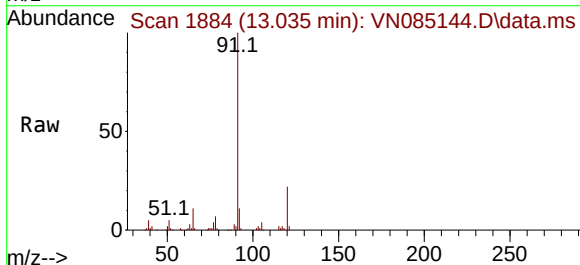
Instrument :
MSVOA_N
ClientSampleId :

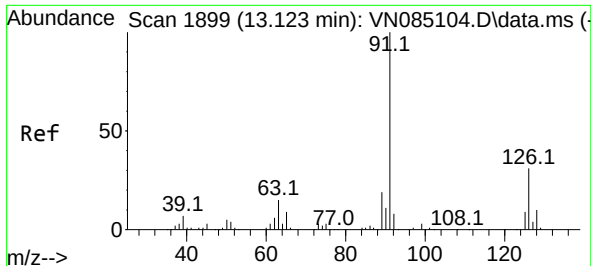
Tgt Ion:156 Resp: 38928
Ion Ratio Lower Upper
156 100
77 212.2 107.2 321.6
158 96.7 48.5 145.6



#78
n-propylbenzene
Concen: 20.808 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

Tgt Ion: 91 Resp: 177101
Ion Ratio Lower Upper
91 100
120 21.8 11.3 33.9





#79

2-Chlorotoluene

Concen: 19.552 ug/l

RT: 13.123 min Scan# 111085

Delta R.T. -0.000 min MSVOA_N

Lab File: VN085144.D

Acq: 09 Dec 2024 11:35

Instrument :

MSVOA_N

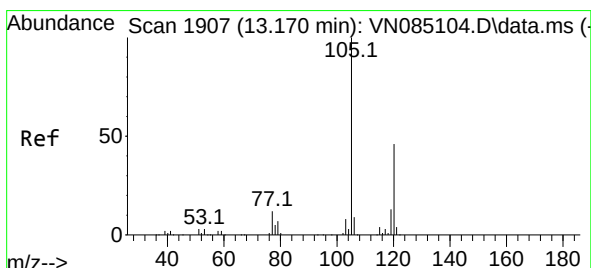
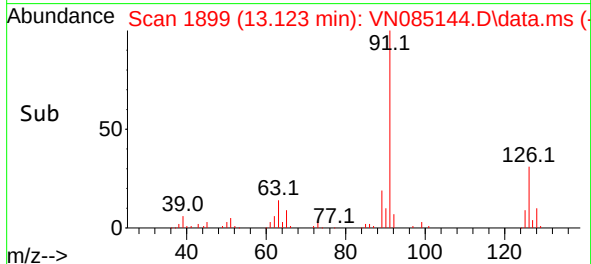
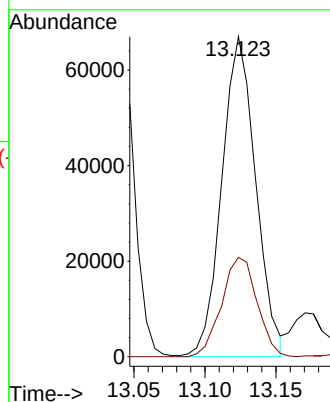
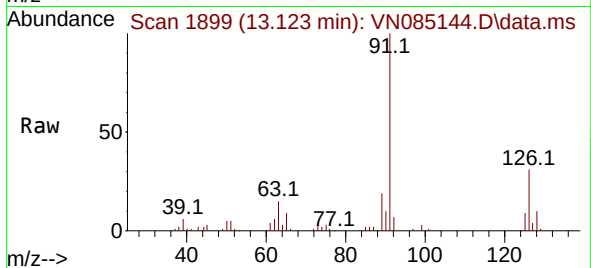
ClientSampleId :

Tgt Ion: 91 Resp: 111085

Ion Ratio Lower Upper

91 100

126 32.4 16.1 48.3



#80

1,3,5-Trimethylbenzene

Concen: 20.291 ug/l

RT: 13.171 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VN085144.D

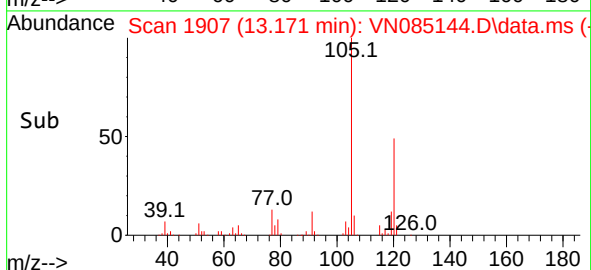
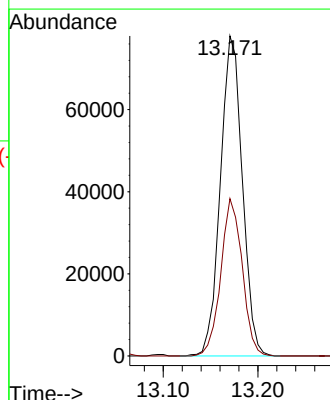
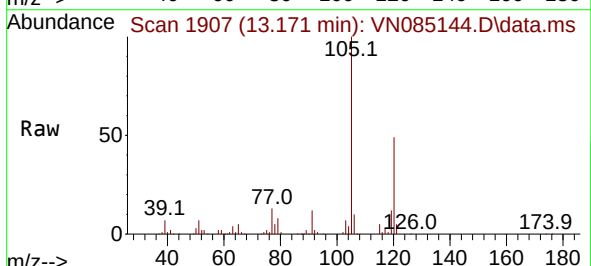
Acq: 09 Dec 2024 11:35

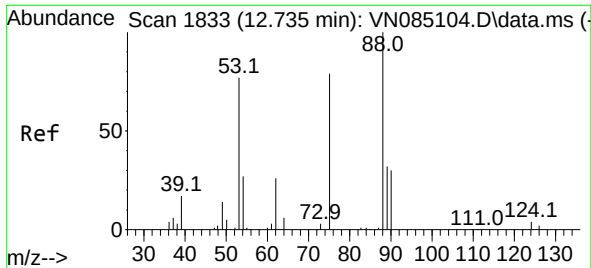
Tgt Ion:105 Resp: 125642

Ion Ratio Lower Upper

105 100

120 48.0 23.6 71.0

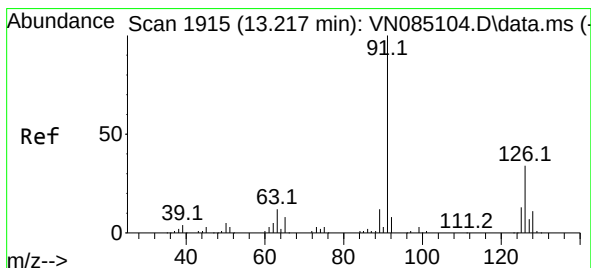
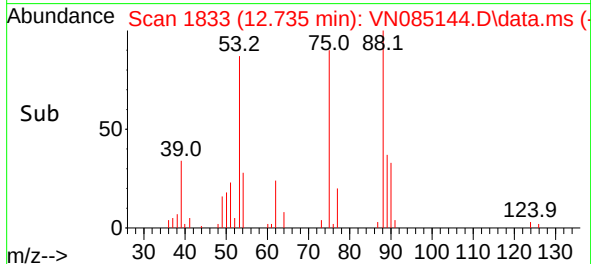
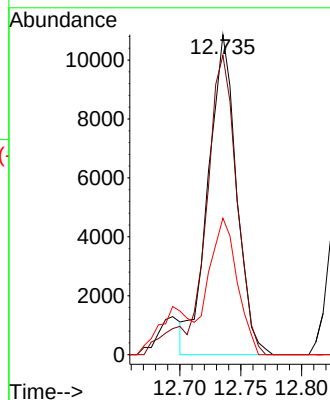
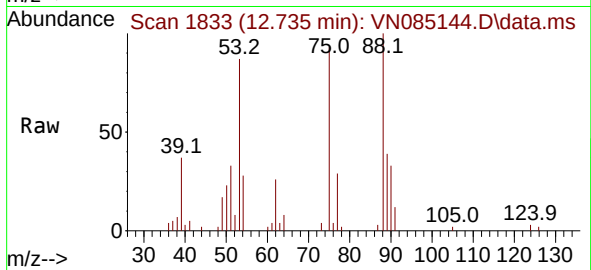




#81
trans-1,4-Dichloro-2-butene
Concen: 20.401 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

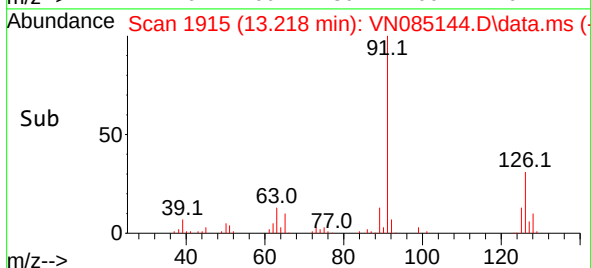
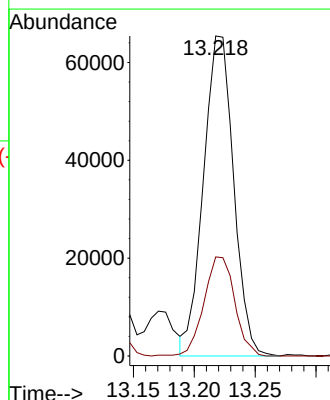
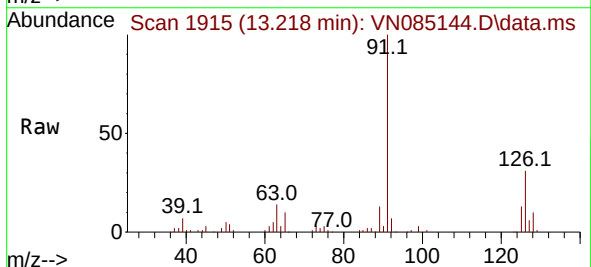
Instrument :
MSVOA_N
ClientSampleId :

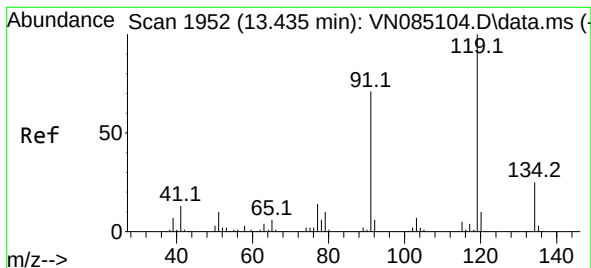
Tgt Ion: 75 Resp: 17583
Ion Ratio Lower Upper
75 100
53 104.1 78.2 117.4
89 42.2 37.9 56.9



#82
4-Chlorotoluene
Concen: 19.088 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

Tgt Ion: 91 Resp: 112899
Ion Ratio Lower Upper
91 100
126 31.6 16.1 48.3





#83

tert-Butylbenzene

Concen: 20.191 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VN085144.D

Acq: 09 Dec 2024 11:35

Instrument :

MSVOA_N

ClientSampleId :

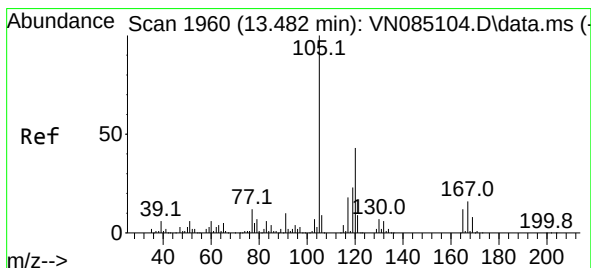
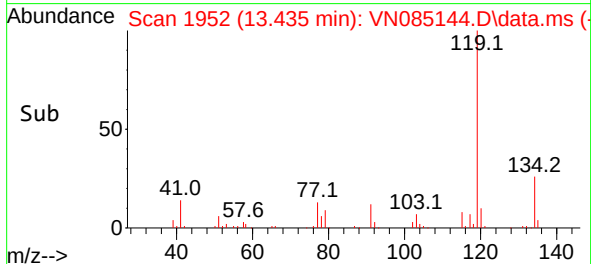
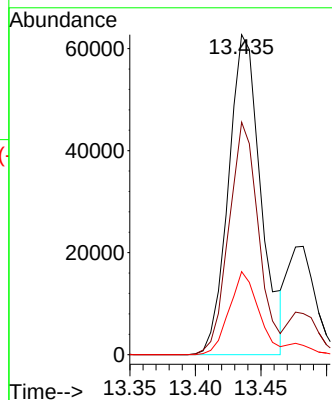
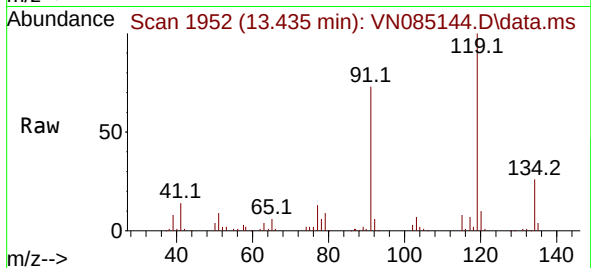
Tgt Ion:119 Resp: 107573

Ion Ratio Lower Upper

119 100

91 67.0 35.1 105.5

134 23.7 12.1 36.3



#84

1,2,4-Trimethylbenzene

Concen: 19.871 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.006 min

Lab File: VN085144.D

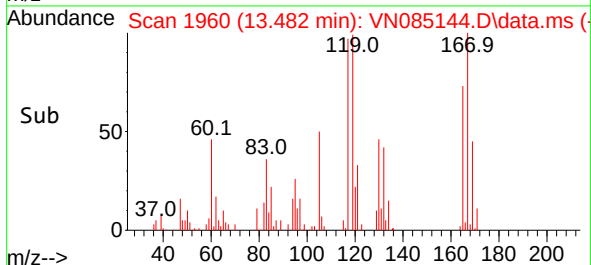
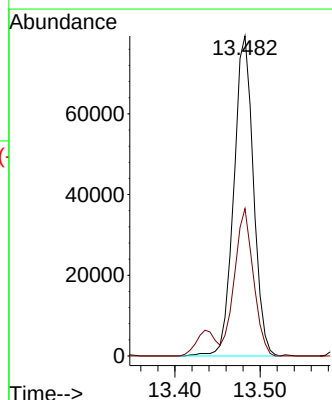
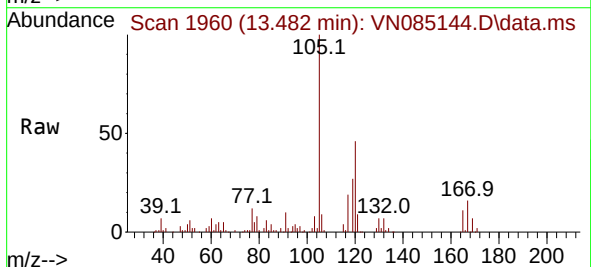
Acq: 09 Dec 2024 11:35

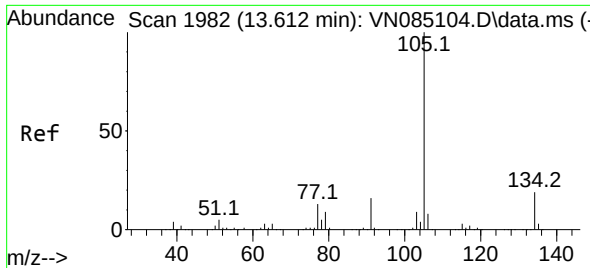
Tgt Ion:105 Resp: 126653

Ion Ratio Lower Upper

105 100

120 44.5 21.8 65.4

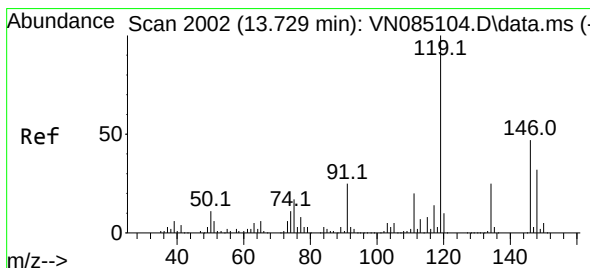
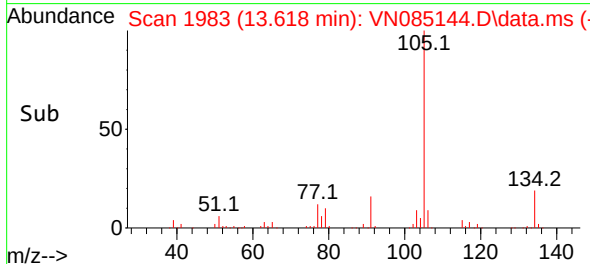
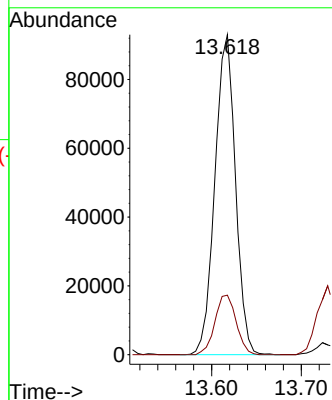
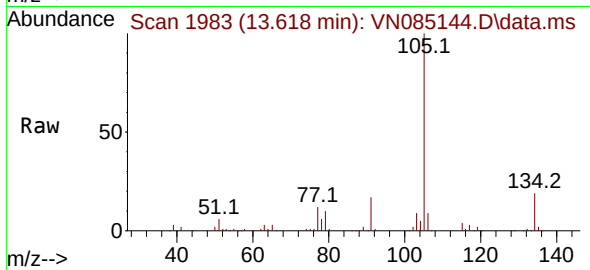




#85
 sec-Butylbenzene
 Concen: 20.537 ug/l
 RT: 13.618 min Scan# 1982
 Delta R.T. 0.006 min
 Lab File: VN085144.D
 Acq: 09 Dec 2024 11:35

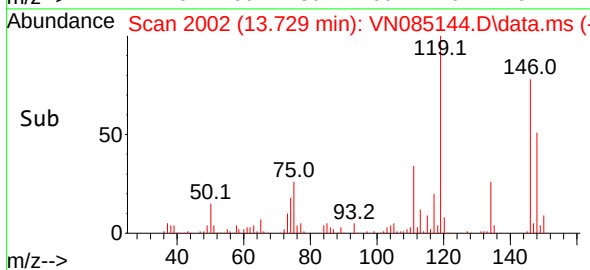
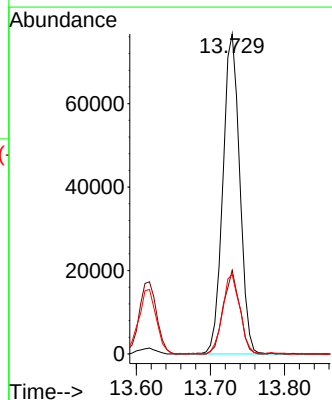
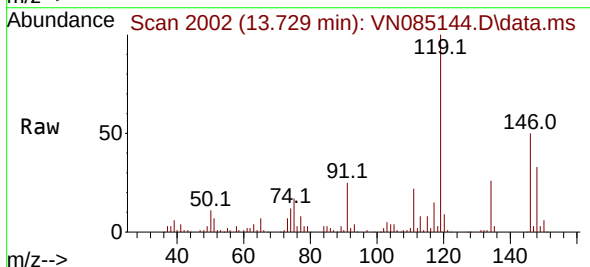
Instrument :
 MSVOA_N
 ClientSampleId :

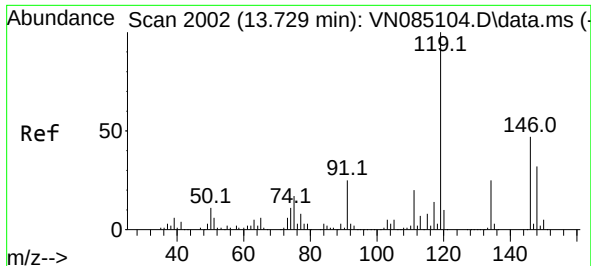
Tgt Ion:105 Resp: 147809
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 20.331 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.006 min
 Lab File: VN085144.D
 Acq: 09 Dec 2024 11:35

Tgt Ion:119 Resp: 120791
 Ion Ratio Lower Upper
 119 100
 134 25.3 13.0 39.0
 91 25.6 12.8 38.4

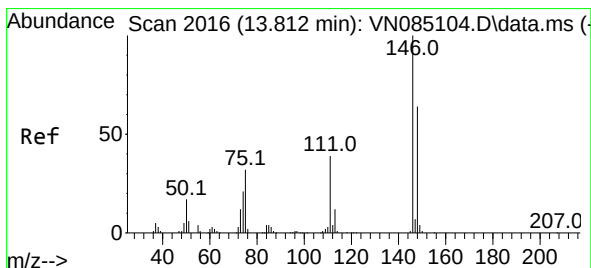
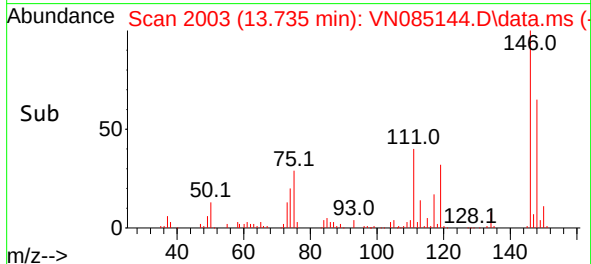
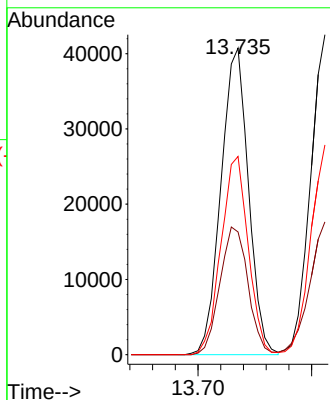
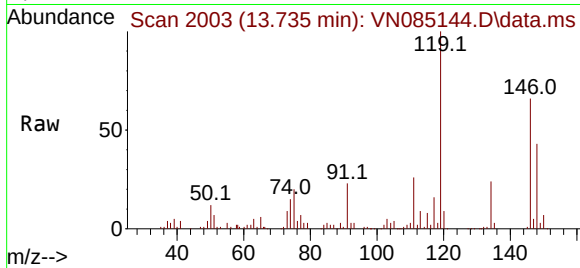




#87
 1,3-Dichlorobenzene
 Concen: 17.496 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN085144.D
 Acq: 09 Dec 2024 11:35

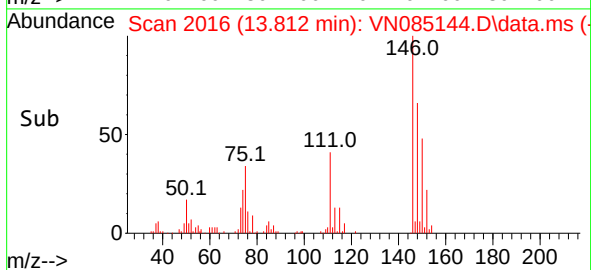
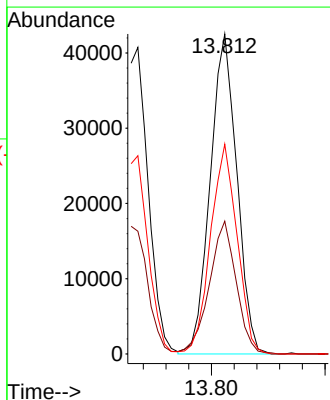
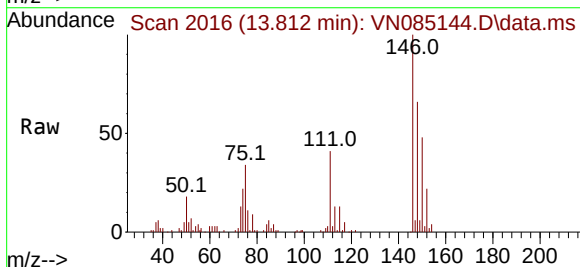
Instrument :
 MSVOA_N
 ClientSampleId :

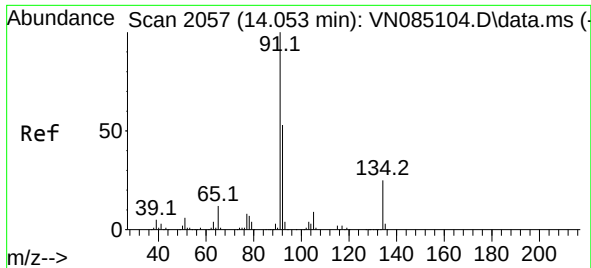
Tgt Ion:146 Resp: 68527
 Ion Ratio Lower Upper
 146 100
 111 42.6 21.6 65.0
 148 64.1 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 17.319 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN085144.D
 Acq: 09 Dec 2024 11:35

Tgt Ion:146 Resp: 69227
 Ion Ratio Lower Upper
 146 100
 111 42.1 20.9 62.8
 148 65.5 31.3 93.9

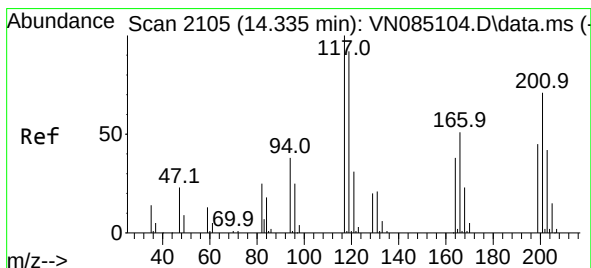
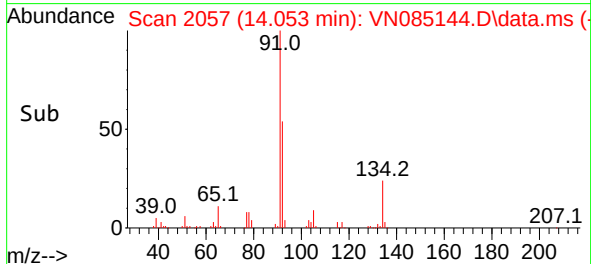
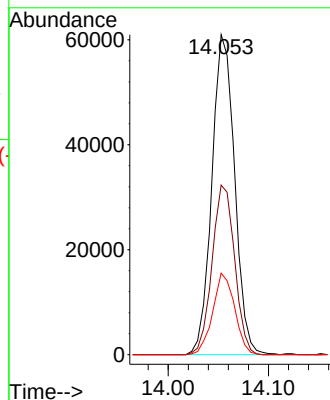
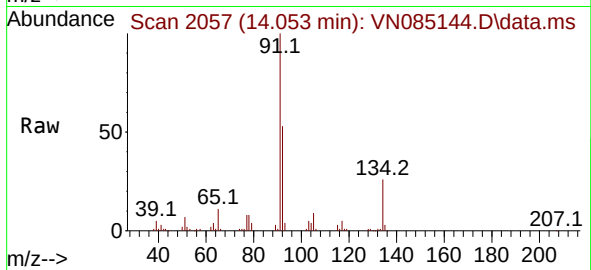




#89
n-Butylbenzene
Concen: 17.401 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

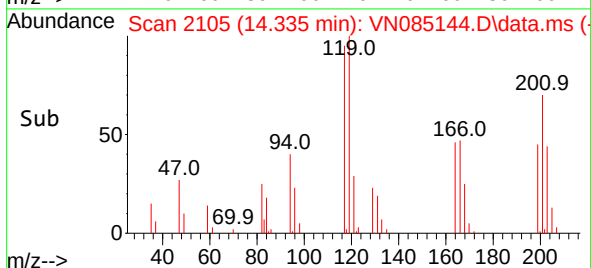
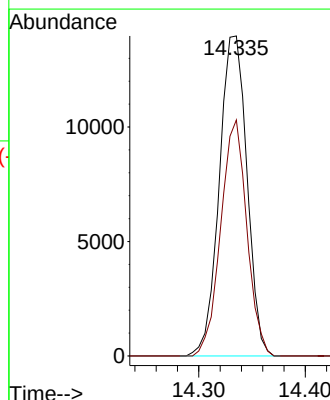
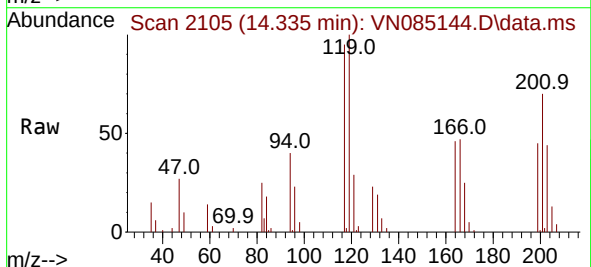
Instrument :
MSVOA_N
ClientSampleId :

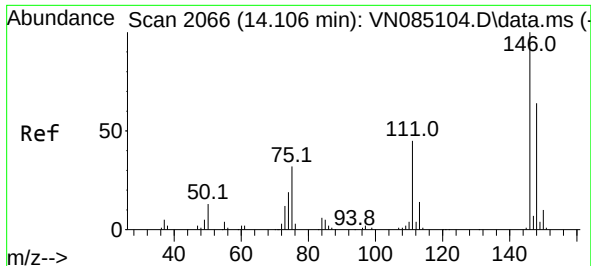
Tgt Ion: 91	Resp:	96140
Ion Ratio	Lower	Upper
91	100	
92	52.5	26.8 80.3
134	24.6	12.8 38.4



#90
Hexachloroethane
Concen: 19.464 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

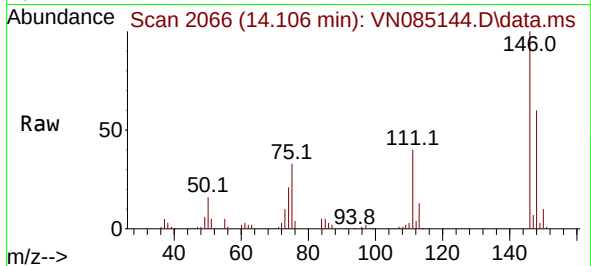
Tgt Ion: 117	Resp:	25206
Ion Ratio	Lower	Upper
117	100	
201	69.6	35.2 105.6



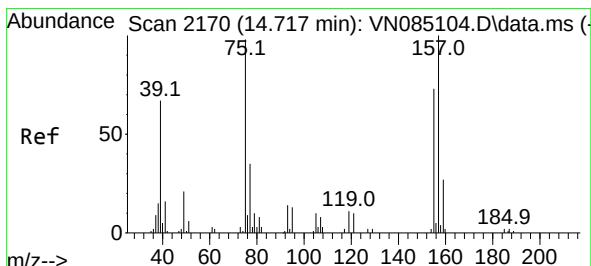
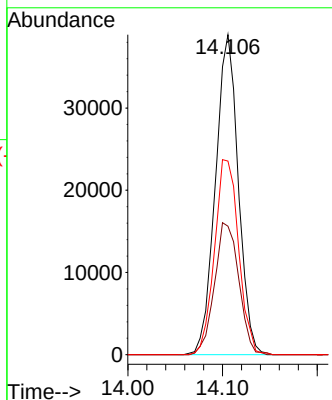
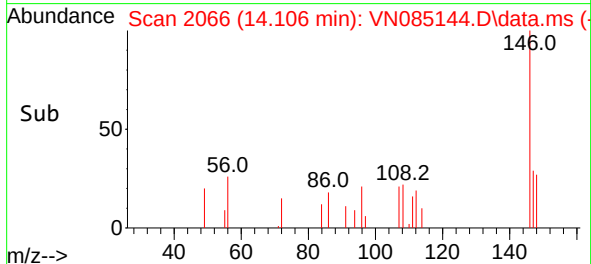


#91
1,2-Dichlorobenzene
Concen: 17.412 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

Instrument :
MSVOA_N
ClientSampleId :

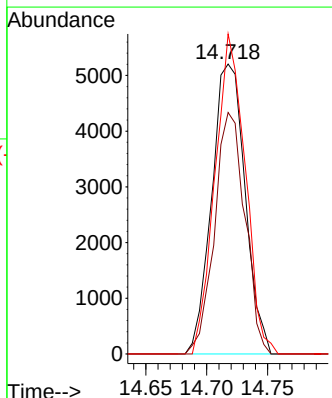
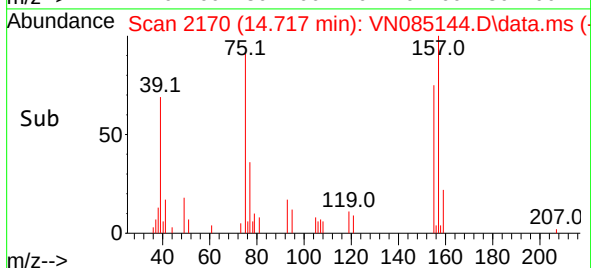
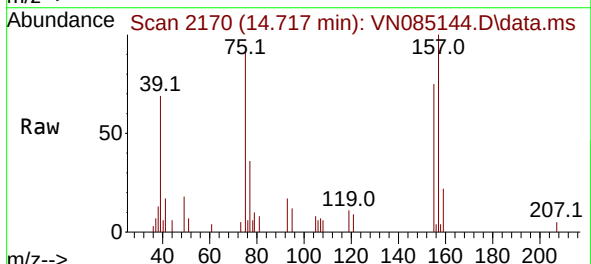


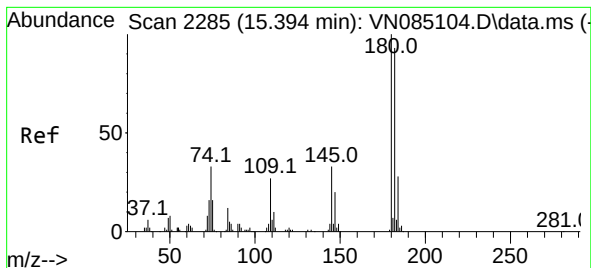
Tgt Ion:146 Resp: 65350
Ion Ratio Lower Upper
146 100
111 43.8 21.9 65.8
148 64.2 31.1 93.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.338 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

Tgt Ion: 75 Resp: 9910
Ion Ratio Lower Upper
75 100
155 76.0 38.9 116.7
157 99.8 48.3 144.9





#93

1,2,4-Trichlorobenzene

Concen: 15.840 ug/l

RT: 15.388 min Scan# 21

Delta R.T. -0.000 min MSVOA_N

Lab File: VN085144.D

Acq: 09 Dec 2024 11:35

Instrument :

MSVOA_N

ClientSampleId :

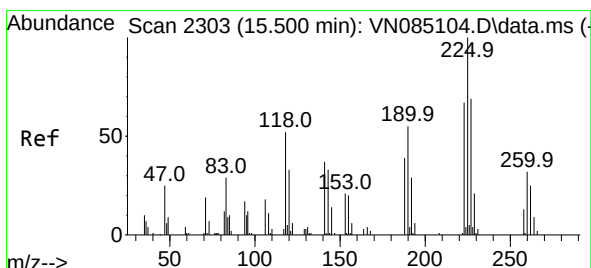
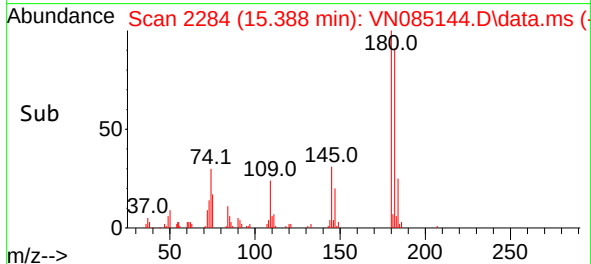
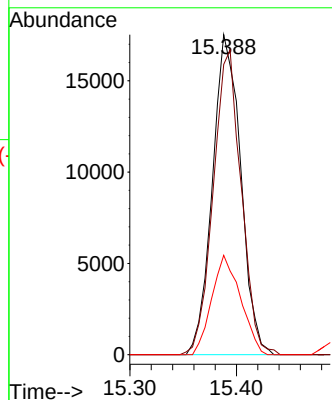
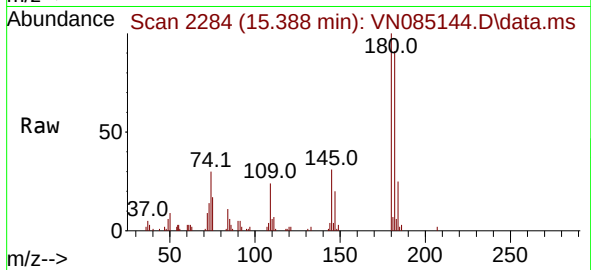
Tgt Ion:180 Resp: 32298

Ion Ratio Lower Upper

180 100

182 93.8 46.9 140.8

145 31.6 16.3 48.8



#94

Hexachlorobutadiene

Concen: 17.460 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN085144.D

Acq: 09 Dec 2024 11:35

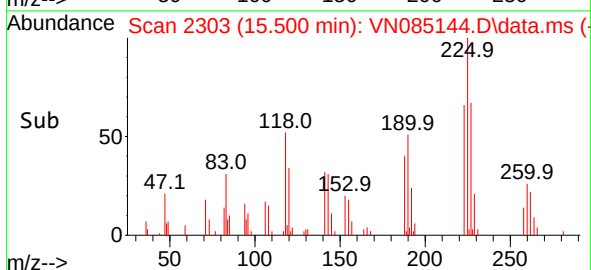
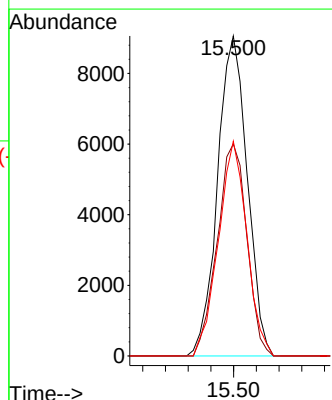
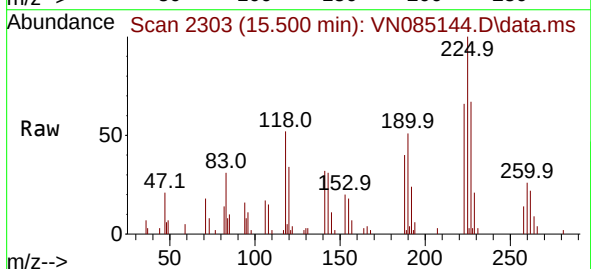
Tgt Ion:225 Resp: 16431

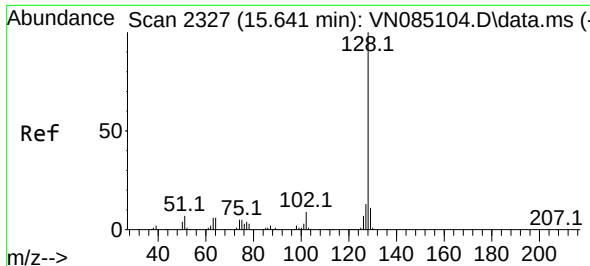
Ion Ratio Lower Upper

225 100

223 66.0 30.9 92.8

227 64.5 31.5 94.5

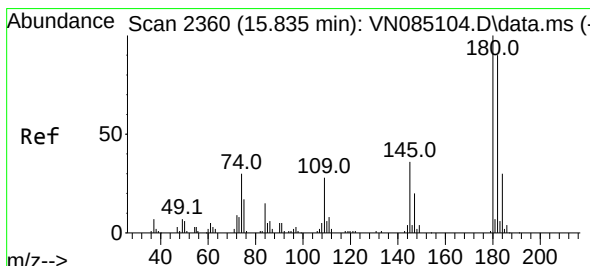
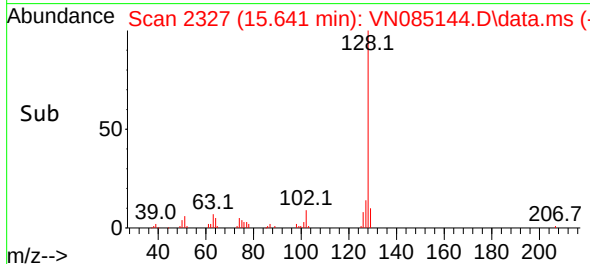
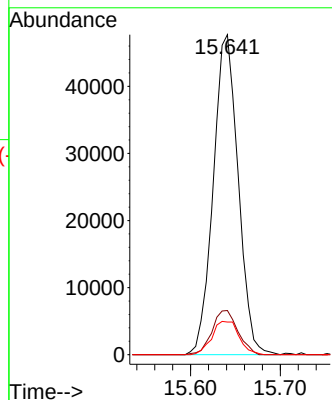
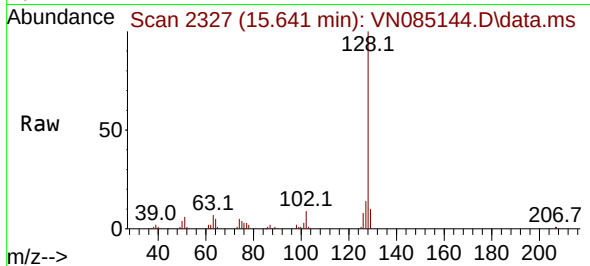




#95
Naphthalene
Concen: 15.840 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
128	100		
127	14.3	10.6	16.0
129	11.4	8.6	12.8



#96
1,2,3-Trichlorobenzene
Concen: 16.282 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	46.4	139.2
145	34.1	17.3	52.0

