

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031125\
 Data File : VN085932.D
 Acq On : 11 Mar 2025 15:28
 Operator : JC\MD
 Sample : VN0311WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0311WBSD01

Quant Time: Mar 12 01:21:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	166815	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	269902	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	244088	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	123338	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	102925	47.591	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.180%
35) Dibromofluoromethane	8.165	113	84117	47.628	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.260%
50) Toluene-d8	10.565	98	299527	46.614	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.220%
62) 4-Bromofluorobenzene	12.847	95	106317	50.218	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	100.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	44409	19.572	ug/l	99
3) Chloromethane	2.359	50	44374	19.489	ug/l	97
4) Vinyl Chloride	2.512	62	42608	17.674	ug/l	97
5) Bromomethane	2.953	94	24991	16.212	ug/l	97
6) Chloroethane	3.118	64	25347	15.873	ug/l	99
7) Trichlorofluoromethane	3.500	101	64484	18.475	ug/l	94
8) Diethyl Ether	3.959	74	20885	18.493	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.371	101	38431	19.048	ug/l	98
10) Methyl Iodide	4.588	142	45692	18.373	ug/l	94
11) Tert butyl alcohol	5.518	59	27546	103.558	ug/l #	85
12) 1,1-Dichloroethene	4.341	96	34031	18.603	ug/l	90
13) Acrolein	4.183	56	37037	93.894	ug/l	92
14) Allyl chloride	5.018	41	45313	18.866	ug/l	93
15) Acrylonitrile	5.712	53	89670	103.697	ug/l	98
16) Acetone	4.430	43	68828	100.579	ug/l	99
17) Carbon Disulfide	4.712	76	105501	19.459	ug/l	99
18) Methyl Acetate	5.024	43	40057	17.019	ug/l	96
19) Methyl tert-butyl Ether	5.794	73	104432	19.211	ug/l	96
20) Methylene Chloride	5.271	84	42240	19.194	ug/l	99
21) trans-1,2-Dichloroethene	5.783	96	35362	17.952	ug/l	97
22) Diisopropyl ether	6.671	45	110291	20.322	ug/l	96
23) Vinyl Acetate	6.600	43	373467	100.504	ug/l	99
24) 1,1-Dichloroethane	6.571	63	71060	19.261	ug/l	98
25) 2-Butanone	7.482	43	102911	102.220	ug/l	99
26) 2,2-Dichloropropane	7.482	77	59355	18.093	ug/l	97
27) cis-1,2-Dichloroethene	7.482	96	41008	17.955	ug/l	96
28) Bromochloromethane	7.812	49	36994	24.397	ug/l	94
29) Tetrahydrofuran	7.835	42	67190	103.352	ug/l	98
30) Chloroform	7.965	83	73399	19.038	ug/l	100
31) Cyclohexane	8.253	56	58750	19.019	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	65410	19.074	ug/l	99
36) 1,1-Dichloropropene	8.371	75	47425	18.974	ug/l	96
37) Ethyl Acetate	7.559	43	46512	22.612	ug/l	98
38) Carbon Tetrachloride	8.359	117	60097	20.235	ug/l	97
39) Methylcyclohexane	9.600	83	44632	18.176	ug/l	91
40) Benzene	8.600	78	158231	19.751	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	23989	21.816	ug/l	97
42) 1,2-Dichloroethane	8.671	62	52687	20.191	ug/l	99
43) Isopropyl Acetate	8.688	43	73303	19.978	ug/l	99
44) Trichloroethene	9.347	130	35475	18.035	ug/l	97
45) 1,2-Dichloropropane	9.612	63	39256	20.301	ug/l	97
46) Dibromomethane	9.706	93	27667	20.284	ug/l	96
47) Bromodichloromethane	9.882	83	57554	19.722	ug/l	98
48) Methyl methacrylate	9.676	41	31149	20.391	ug/l	99
49) 1,4-Dioxane	9.688	88	12981	446.857	ug/l	97
51) 4-Methyl-2-Pentanone	10.441	43	217937	109.892	ug/l	98
52) Toluene	10.629	92	97359	20.732	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	54176	20.077	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	59404	20.076	ug/l	93
55) 1,1,2-Trichloroethane	11.012	97	36590	19.597	ug/l	97
56) Ethyl methacrylate	10.870	69	48469	19.676	ug/l	97
57) 1,3-Dichloropropane	11.159	76	62641	20.098	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	92918	104.180	ug/l	98
59) 2-Hexanone	11.194	43	154345	113.129	ug/l	99
60) Dibromochloromethane	11.359	129	45593	20.971	ug/l	95
61) 1,2-Dibromoethane	11.465	107	35932	20.368	ug/l	99
64) Tetrachloroethene	11.100	164	34886	18.449	ug/l	94
65) Chlorobenzene	11.888	112	102428	18.318	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	37980	18.897	ug/l	100
67) Ethyl Benzene	11.959	91	164011	18.725	ug/l	99
68) m/p-Xylenes	12.070	106	132245	39.747	ug/l	99
69) o-Xylene	12.400	106	60408	19.107	ug/l	98
70) Styrene	12.412	104	103470	19.049	ug/l	98
71) Bromoform	12.576	173	30578	20.475	ug/l #	99
73) Isopropylbenzene	12.694	105	149903	17.740	ug/l	99
74) N-amyl acetate	12.494	43	56542	18.975	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	53436	18.378	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	68364	24.953	ug/l	57
77) Bromobenzene	12.976	156	41022	17.969	ug/l	93
78) n-propylbenzene	13.035	91	179451	18.544	ug/l	99
79) 2-Chlorotoluene	13.123	91	119913	18.546	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	130459	18.953	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	19541	20.811	ug/l	90
82) 4-Chlorotoluene	13.217	91	122450	19.104	ug/l	99
83) tert-Butylbenzene	13.435	119	102074	17.635	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	131448	19.302	ug/l	99
85) sec-Butylbenzene	13.611	105	145745	17.821	ug/l	99
86) p-Isopropyltoluene	13.729	119	119735	17.268	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	76798	17.956	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	77090	17.586	ug/l	100
89) n-Butylbenzene	14.053	91	95229	16.401	ug/l	96
90) Hexachloroethane	14.329	117	26609	17.180	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	73481	17.866	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	9607	17.993	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	31550	16.098	ug/l	99
94) Hexachlorobutadiene	15.494	225	18407	15.454	ug/l	98
95) Naphthalene	15.635	128	82066	15.252	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	31176	15.845	ug/l	99

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QLast Update : Wed Feb 19 03:43:32 2025
Response via : Initial Calibration

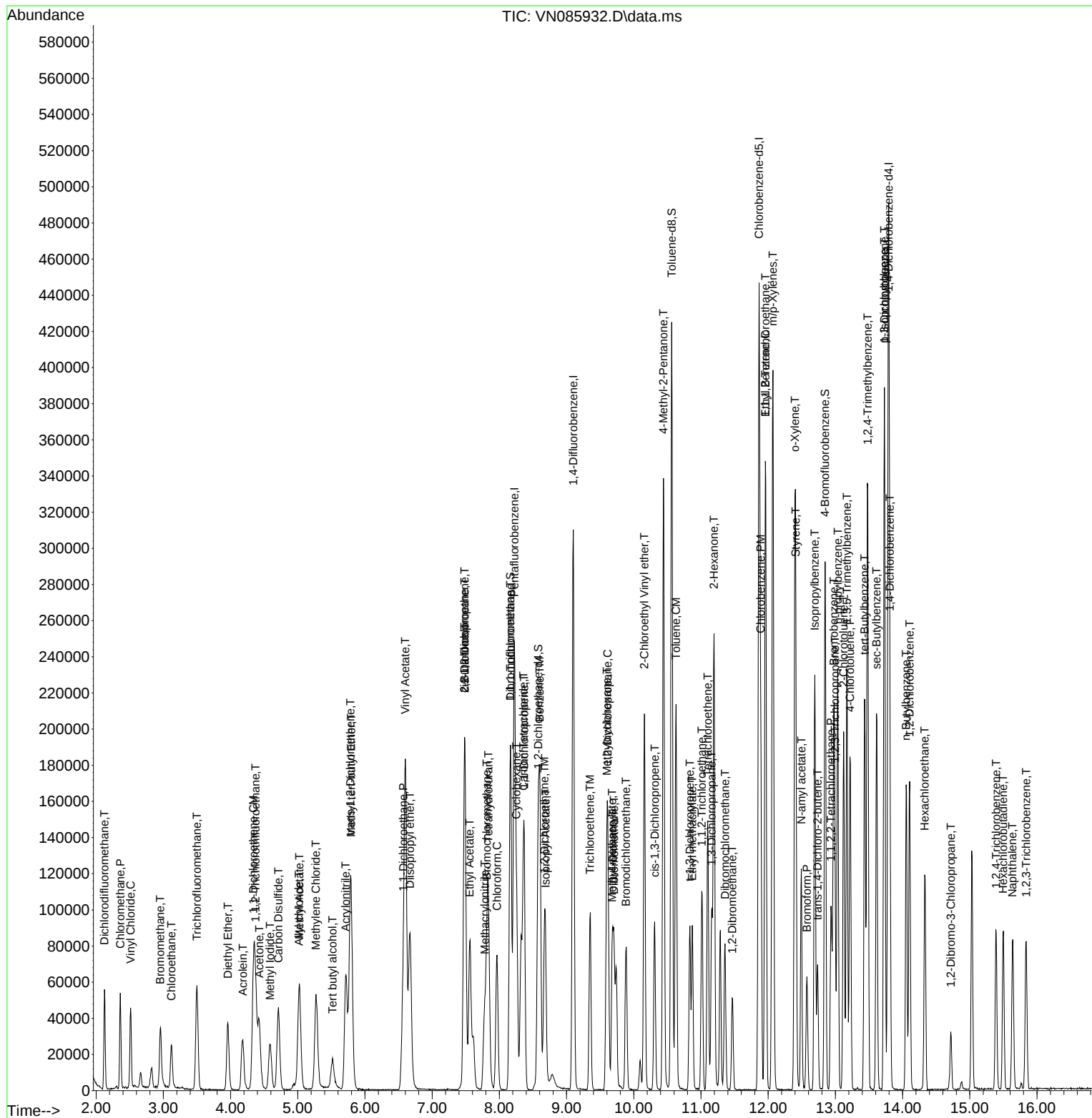
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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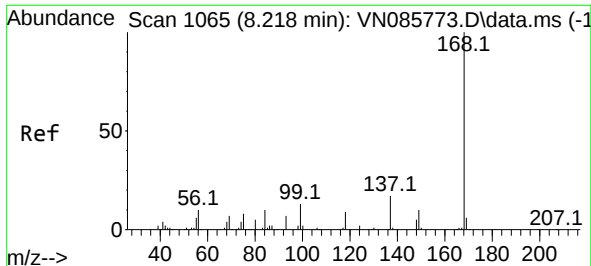
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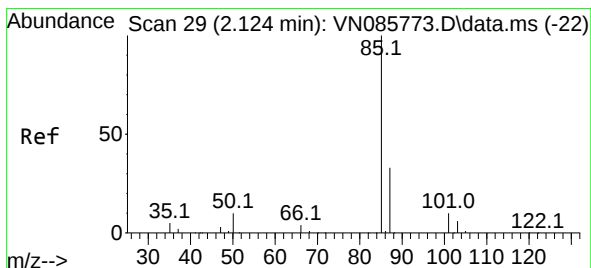
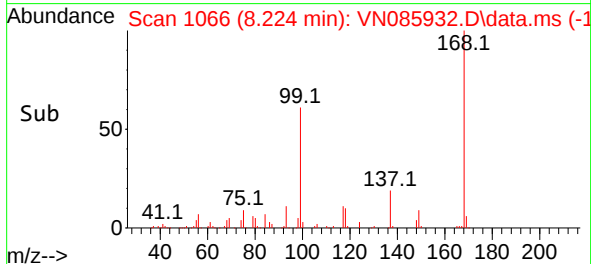
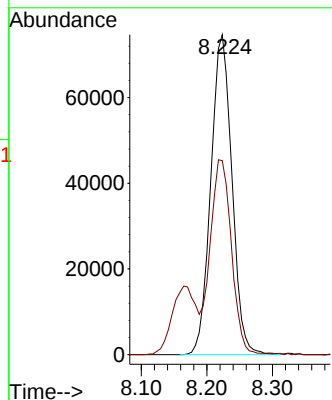
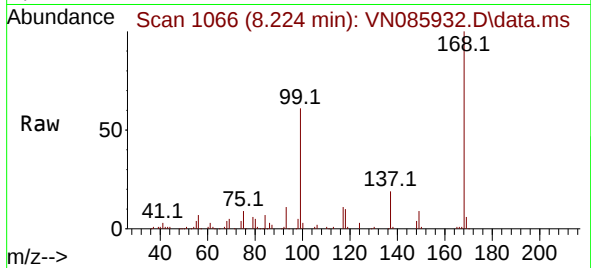




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. 0.006 min
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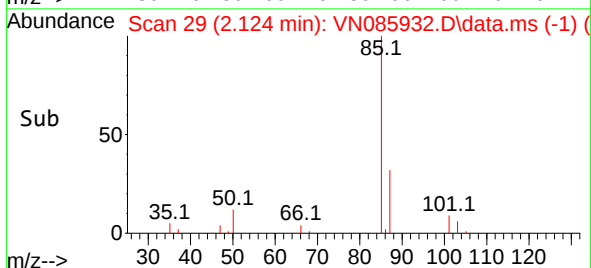
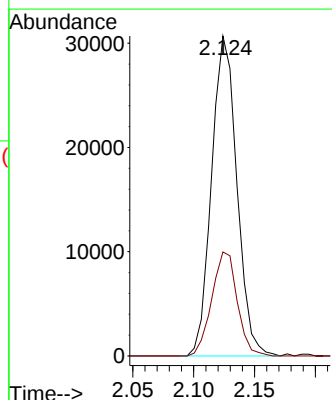
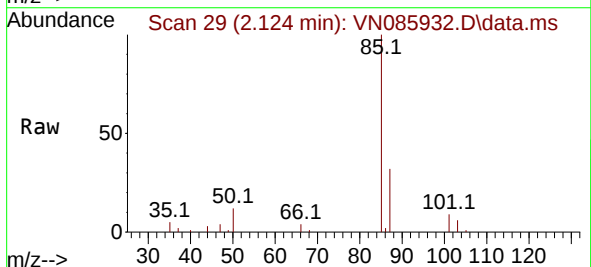
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBSD01

Tgt Ion:168 Resp: 166815
Ion Ratio Lower Upper
168 100
99 60.3 47.9 71.9



#2
Dichlorodifluoromethane
Concen: 19.572 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

Tgt Ion: 85 Resp: 44409
Ion Ratio Lower Upper
85 100
87 32.5 16.4 49.2

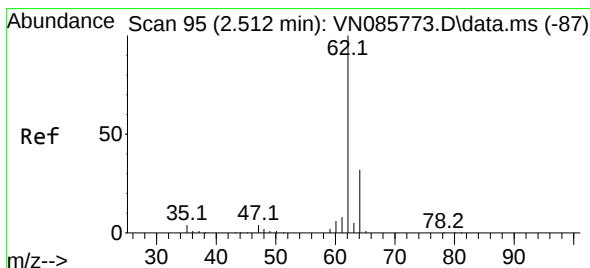
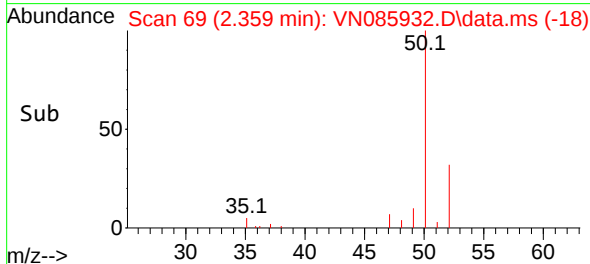
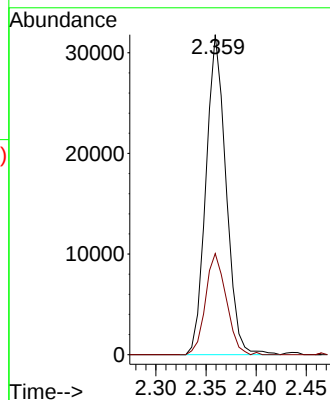
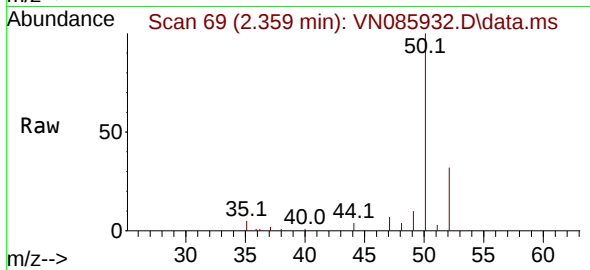




#3
Chloromethane
Concen: 19.489 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085932.D
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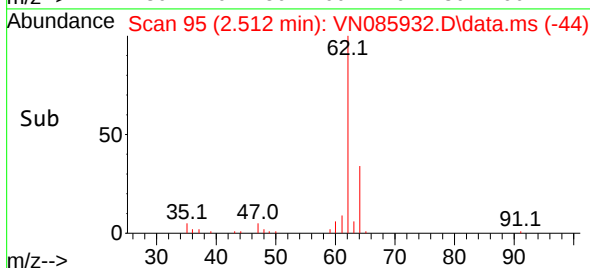
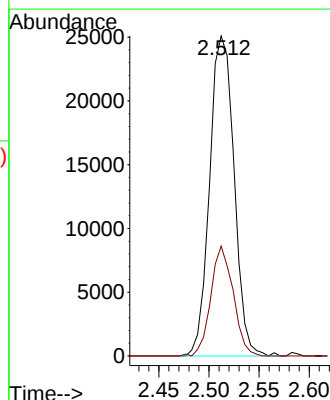
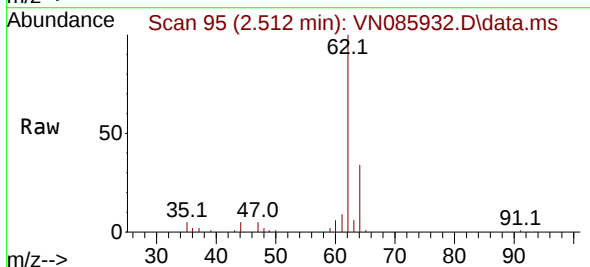
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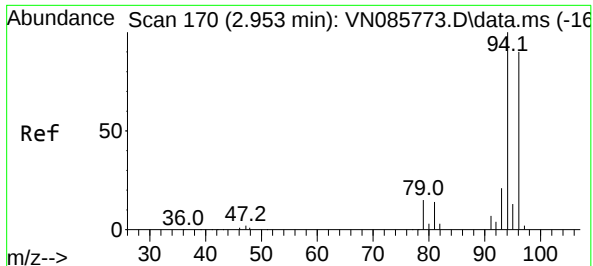
Tgt Ion: 50 Resp: 44374
Ion Ratio Lower Upper
50 100
52 31.6 26.7 40.1



#4
Vinyl Chloride
Concen: 17.674 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

Tgt Ion: 62 Resp: 42608
Ion Ratio Lower Upper
62 100
64 34.3 25.9 38.9

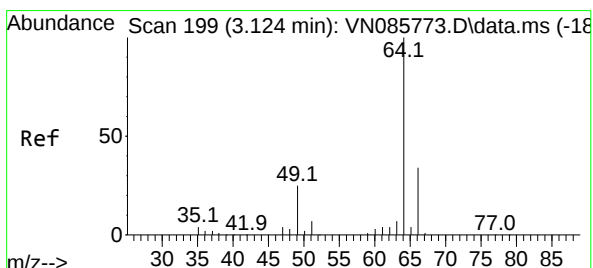
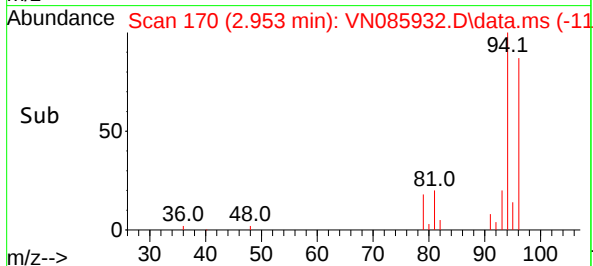
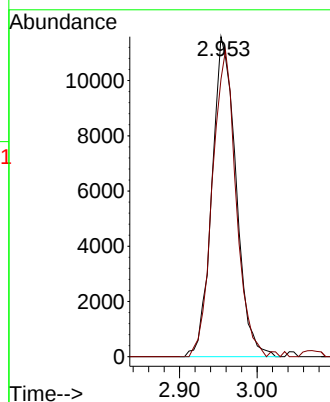
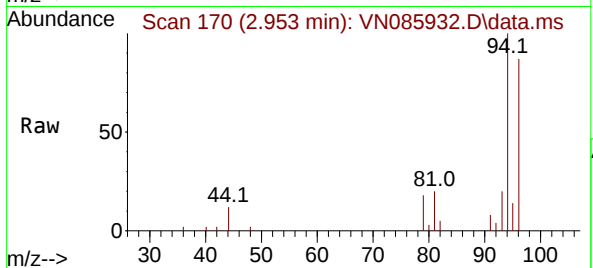




#5
Bromomethane
Concen: 16.212 ug/l
RT: 2.953 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

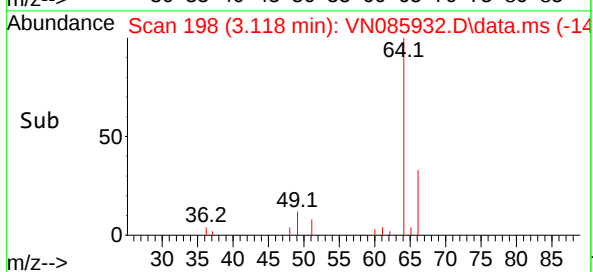
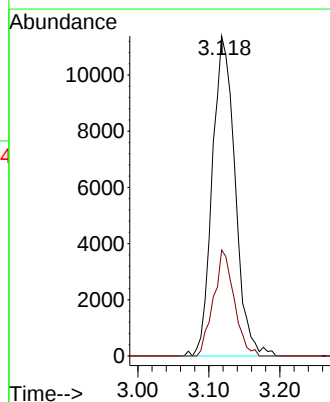
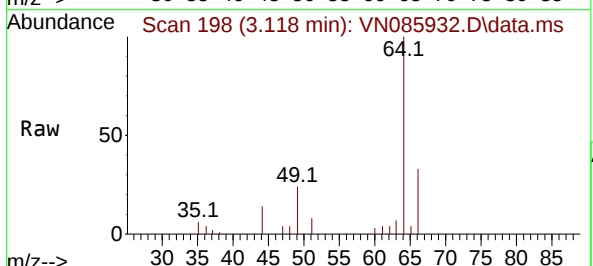
Instrument :
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Tgt Ion: 94 Resp: 24991
Ion Ratio Lower Upper
94 100
96 86.8 71.7 107.5



#6
Chloroethane
Concen: 15.873 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

Tgt Ion: 64 Resp: 25347
Ion Ratio Lower Upper
64 100
66 33.1 27.0 40.6

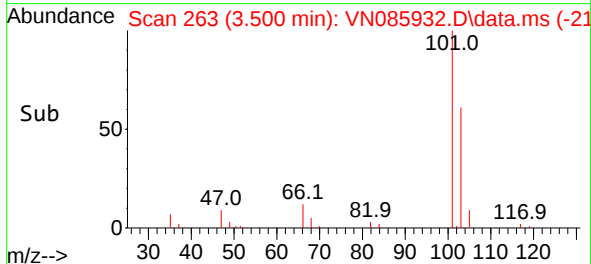
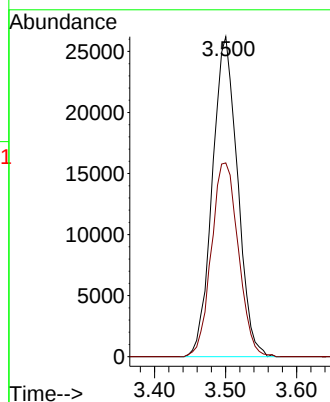
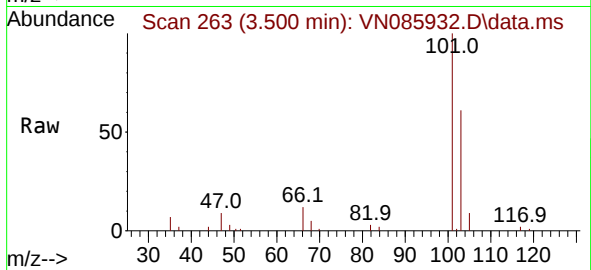




#7
Trichlorofluoromethane
Concen: 18.475 ug/l
RT: 3.500 min Scan# 210
Delta R.T. -0.000 min
Lab File: VN085932.D
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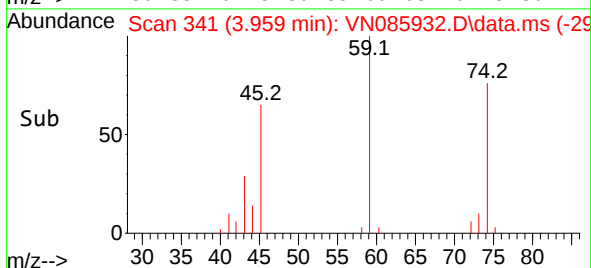
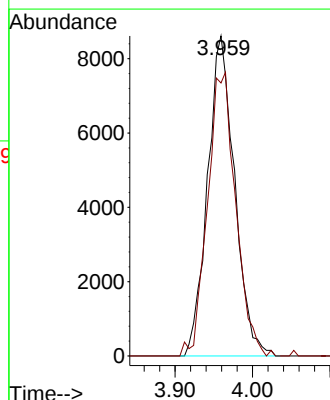
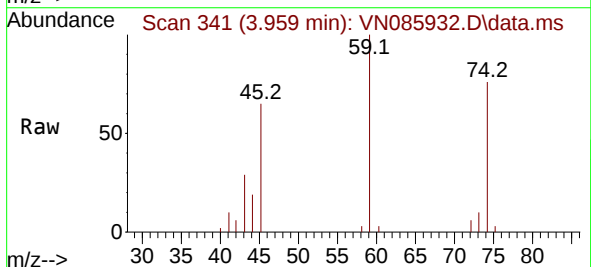
Instrument :
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Tgt Ion:101 Resp: 64484
Ion Ratio Lower Upper
101 100
103 60.6 52.2 78.4



#8
Diethyl Ether
Concen: 18.493 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

Tgt Ion: 74 Resp: 20885
Ion Ratio Lower Upper
74 100
45 92.4 42.5 127.6

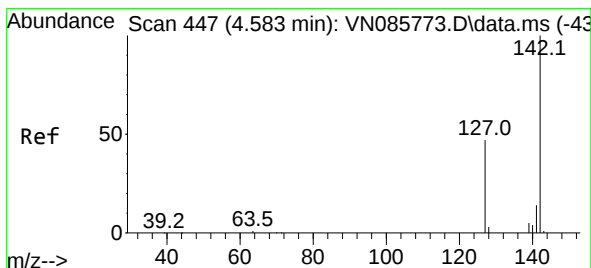
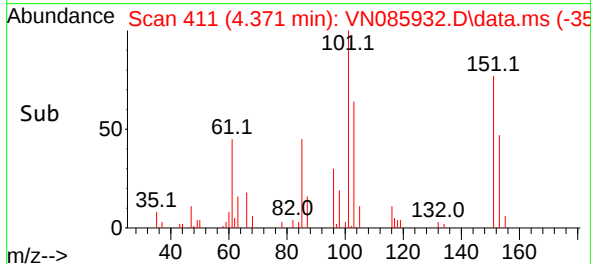
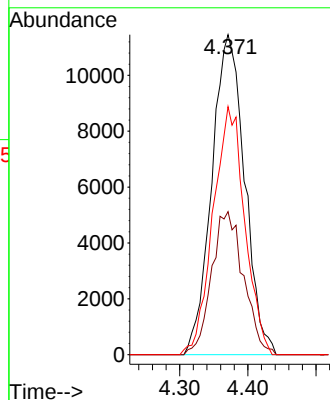
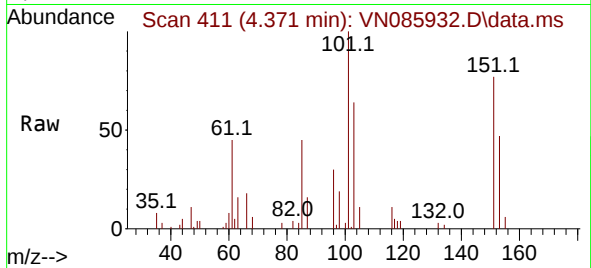




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.048 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN085932.D
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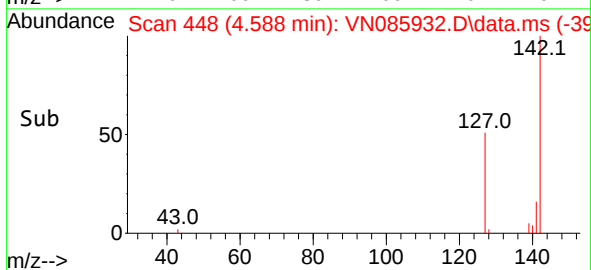
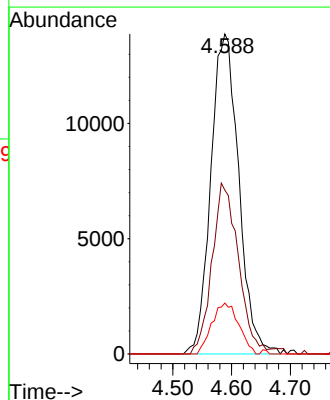
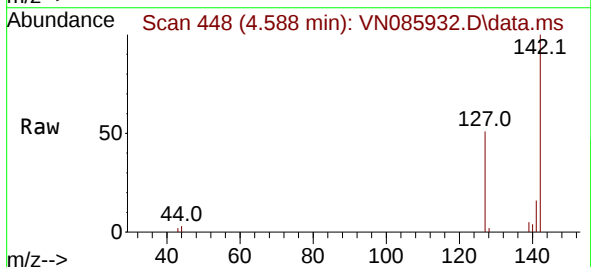
Instrument :
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ClientSampleId :
VN0311WBSD01

Tgt Ion:101 Resp: 38431
Ion Ratio Lower Upper
101 100
85 43.5 35.7 53.5
151 74.8 61.4 92.2



#10
Methyl Iodide
Concen: 18.373 ug/l
RT: 4.588 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

Tgt Ion:142 Resp: 45692
Ion Ratio Lower Upper
142 100
127 51.2 37.6 56.4
141 15.9 11.4 17.2

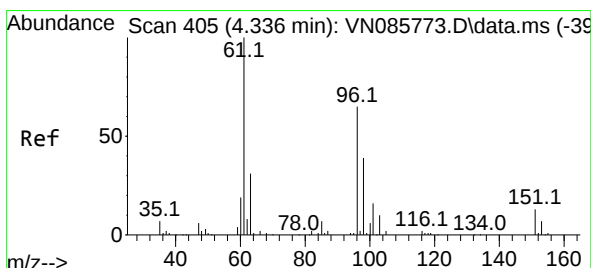
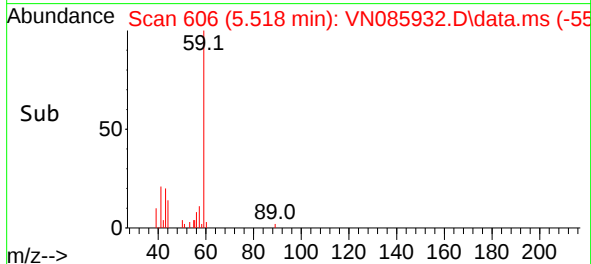
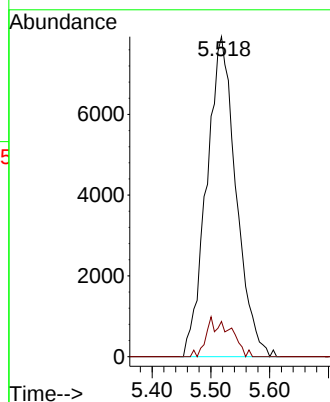
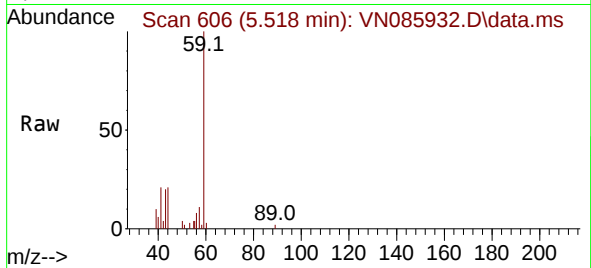




#11
Tert butyl alcohol
Concen: 103.558 ug/l
RT: 5.518 min Scan# 604
Delta R.T. 0.012 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

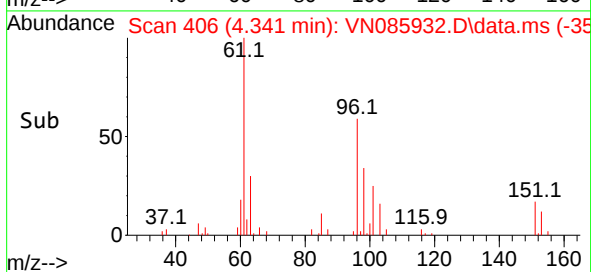
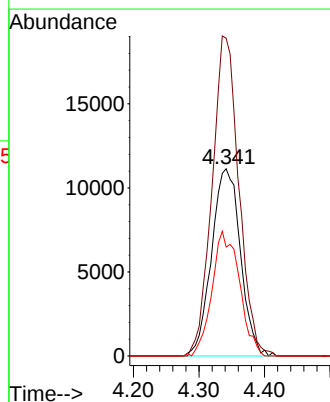
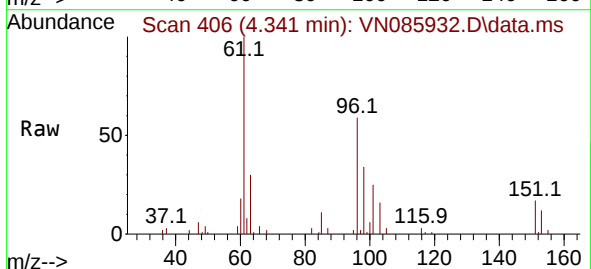
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBSD01

Tgt Ion: 59 Resp: 27546
Ion Ratio Lower Upper
59 100
57 4.7 8.3 12.5#



#12
1,1-Dichloroethene
Concen: 18.603 ug/l
RT: 4.341 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

Tgt Ion: 96 Resp: 34031
Ion Ratio Lower Upper
96 100
61 169.7 123.3 184.9
98 58.2 48.6 72.8





#13

Acrolein

Concen: 93.894 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN085932.D

Acq: 11 Mar 2025 15:28

Instrument :

MSVOA_N

ClientSampleId :

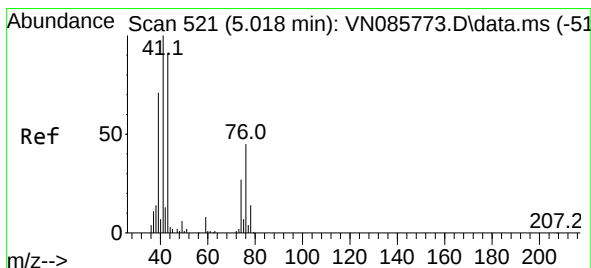
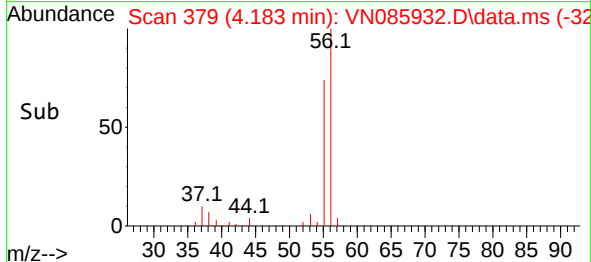
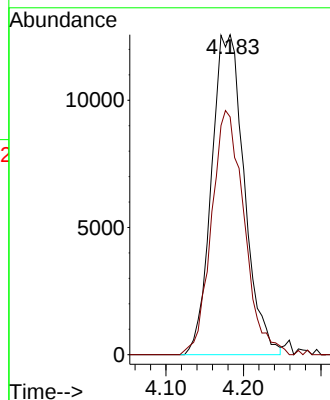
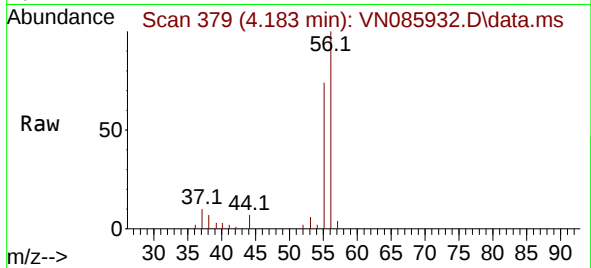
VN0311WBSD01

Tgt Ion: 56 Resp: 37037

Ion Ratio Lower Upper

56 100

55 75.9 55.3 82.9



#14

Allyl chloride

Concen: 18.866 ug/l

RT: 5.018 min Scan# 521

Delta R.T. -0.000 min

Lab File: VN085932.D

Acq: 11 Mar 2025 15:28

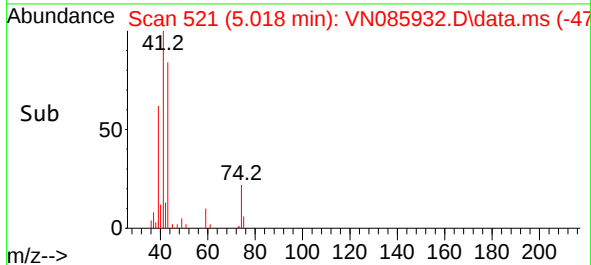
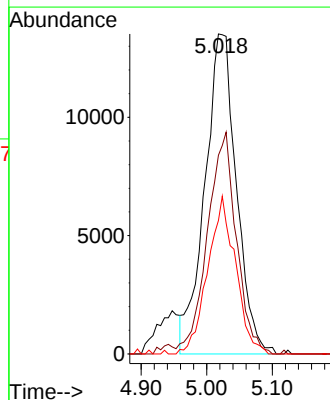
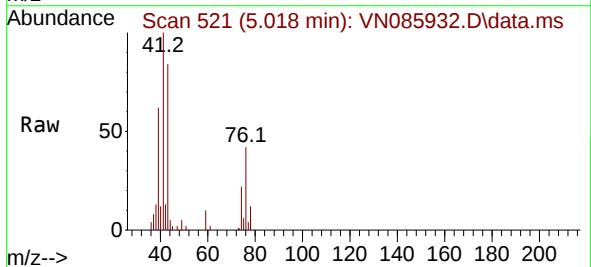
Tgt Ion: 41 Resp: 45313

Ion Ratio Lower Upper

41 100

39 63.4 57.4 86.2

76 43.3 36.2 54.2

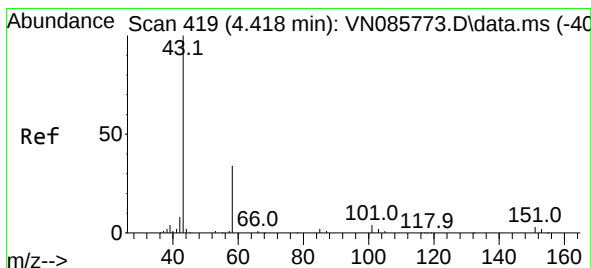
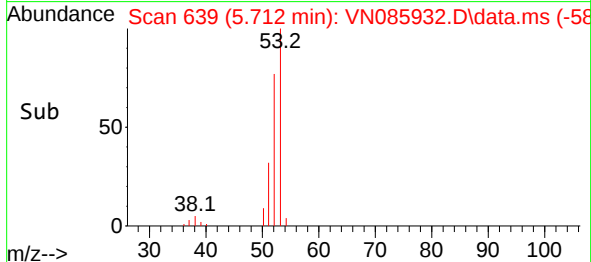
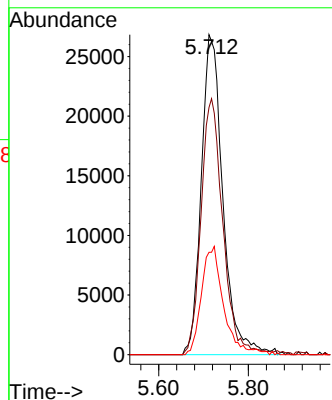
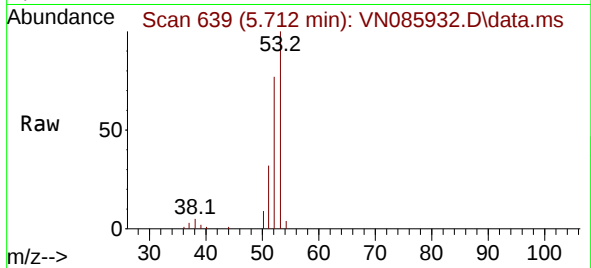




#15
Acrylonitrile
Concen: 103.697 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

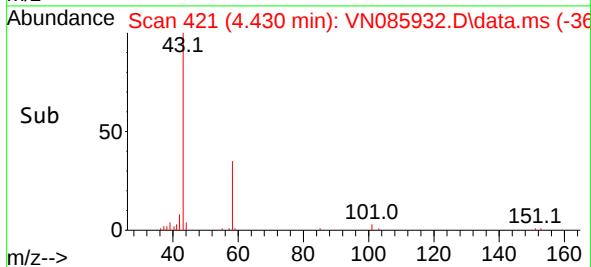
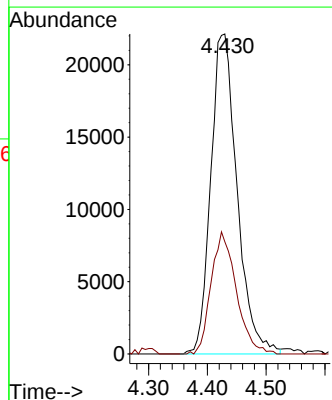
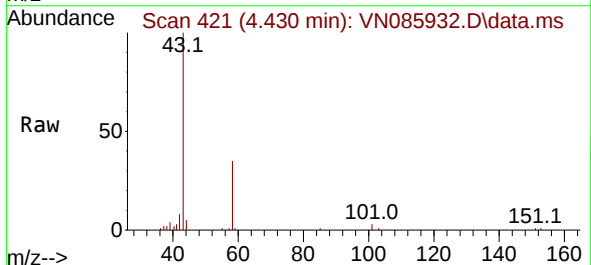
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBSD01

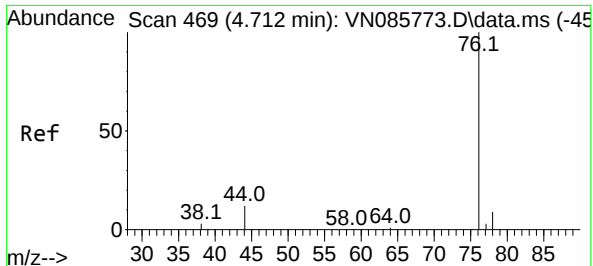
Tgt Ion:	53	Resp:	89670
Ion	Ratio	Lower	Upper
53	100		
52	80.7	65.8	98.6
51	34.6	28.6	42.8



#16
Acetone
Concen: 100.579 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

Tgt Ion:	43	Resp:	68828
Ion	Ratio	Lower	Upper
43	100		
58	35.1	27.5	41.3

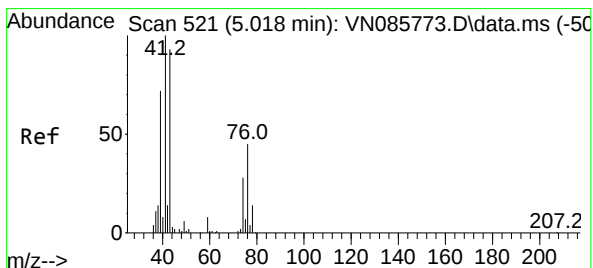
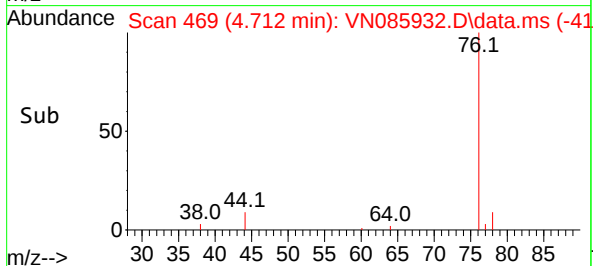
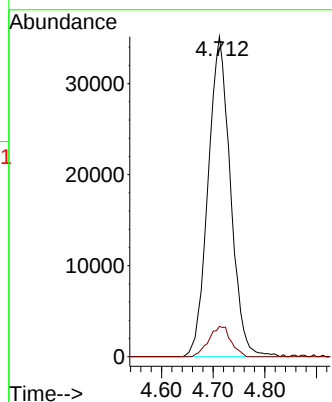
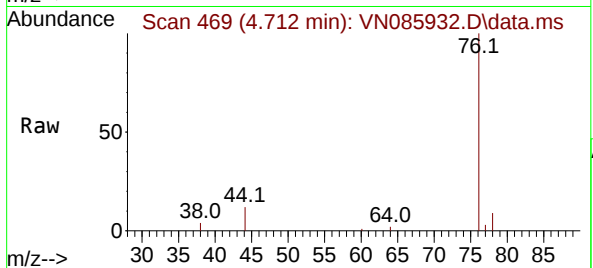




#17
Carbon Disulfide
Concen: 19.459 ug/l
RT: 4.712 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

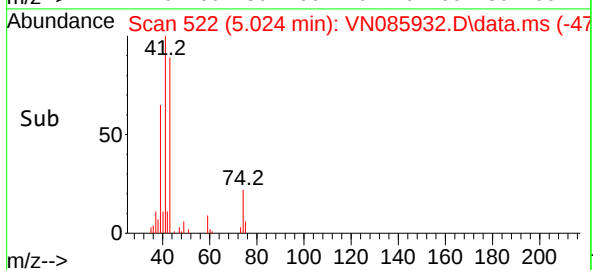
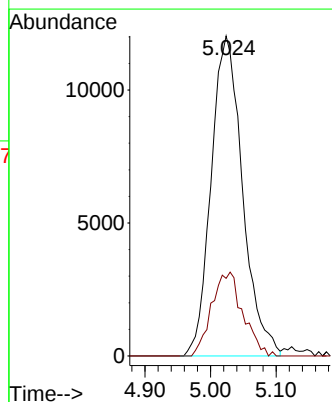
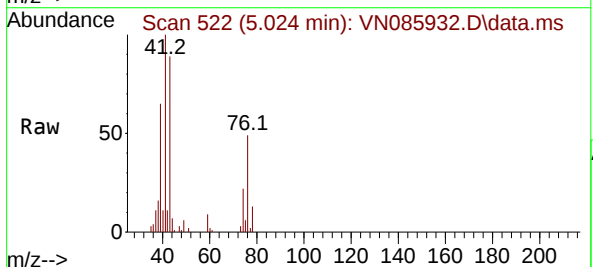
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBSD01

Tgt Ion: 76 Resp: 105501
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0



#18
Methyl Acetate
Concen: 17.019 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

Tgt Ion: 43 Resp: 40057
Ion Ratio Lower Upper
43 100
74 25.9 22.2 33.4

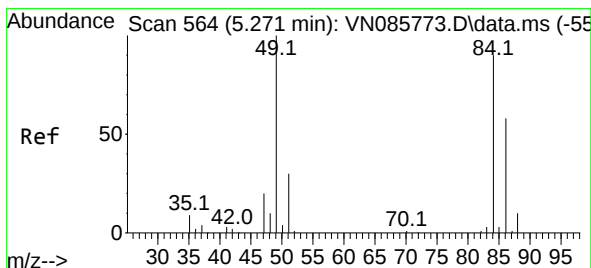
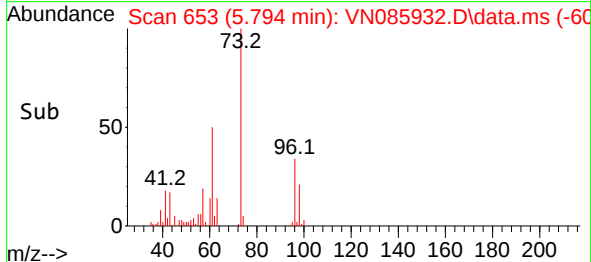
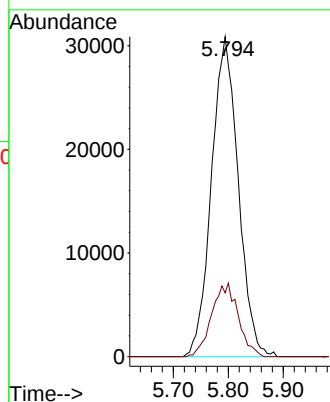
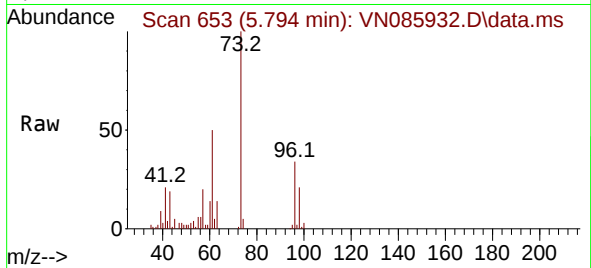




#19
Methyl tert-butyl Ether
Concen: 19.211 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

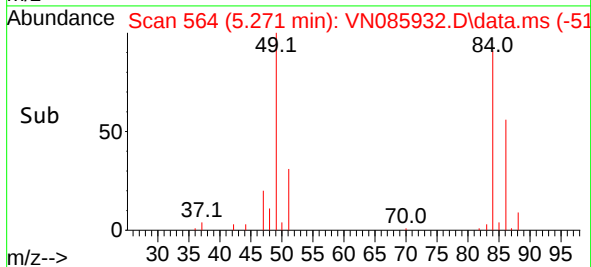
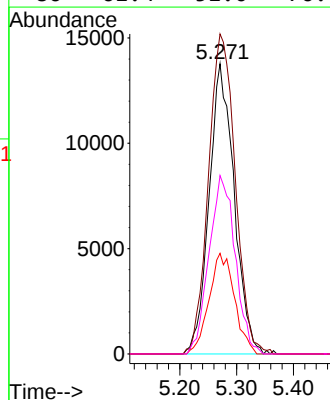
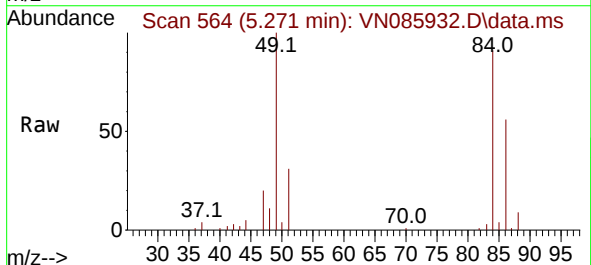
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBSD01

Tgt Ion: 73 Resp: 104432
Ion Ratio Lower Upper
73 100
57 20.0 17.6 26.4



#20
Methylene Chloride
Concen: 19.194 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

Tgt Ion: 84 Resp: 42240
Ion Ratio Lower Upper
84 100
49 110.2 88.4 132.6
51 34.6 26.6 40.0
86 61.4 51.0 76.6

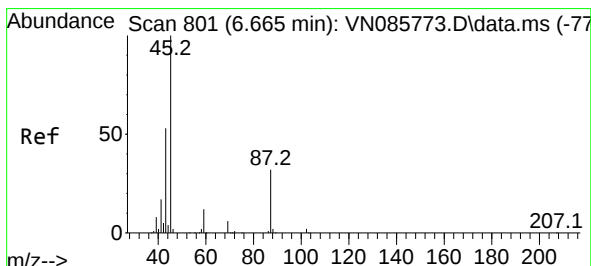
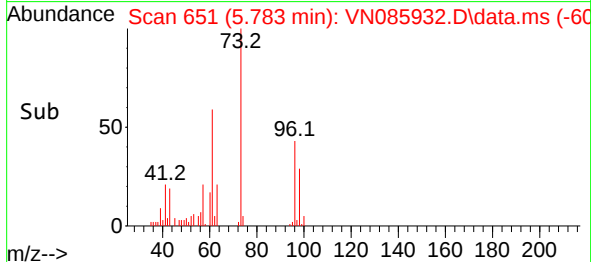
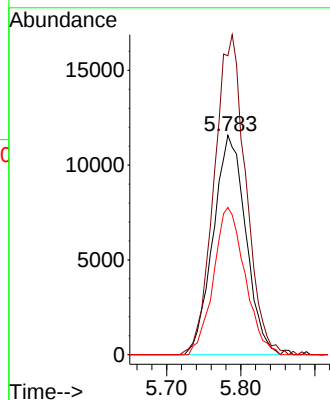
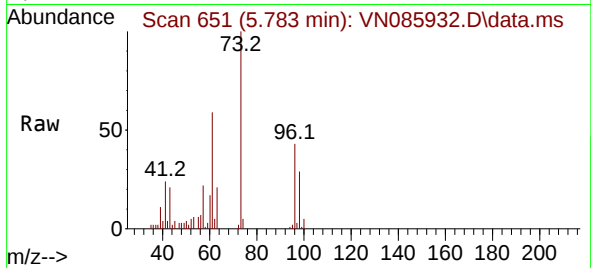




#21
trans-1,2-Dichloroethene
Concen: 17.952 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

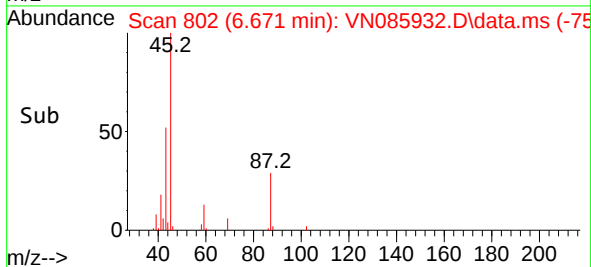
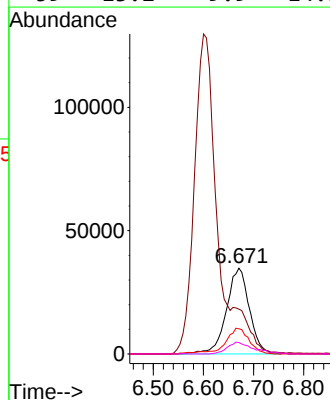
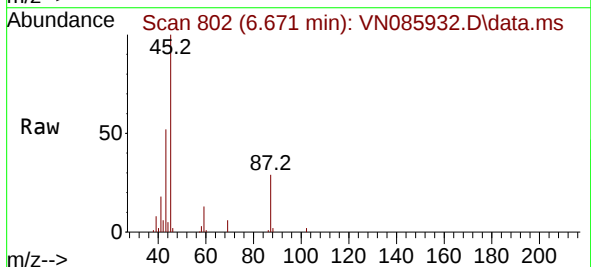
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBSD01

Tgt Ion: 96 Resp: 35362
Ion Ratio Lower Upper
96 100
61 136.3 112.6 168.8
98 67.1 53.3 79.9



#22
Diisopropyl ether
Concen: 20.322 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

Tgt Ion: 45 Resp: 110291
Ion Ratio Lower Upper
45 100
43 50.8 42.6 64.0
87 29.2 25.8 38.8
59 13.2 9.9 14.9

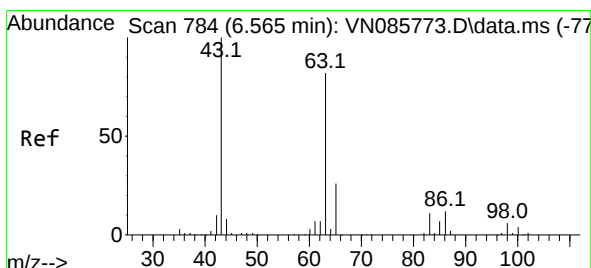
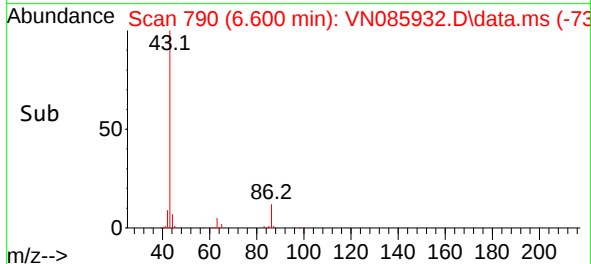
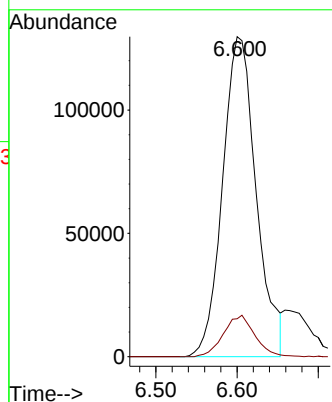
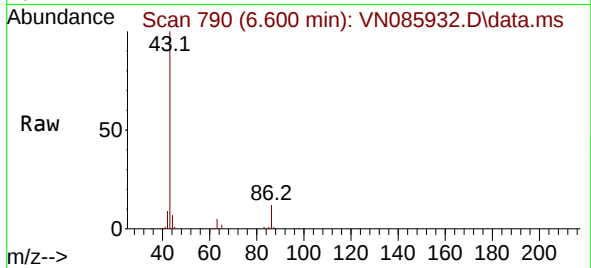




#23
 Vinyl Acetate
 Concen: 100.504 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN085932.D
 Acq: 11 Mar 2025 15:28

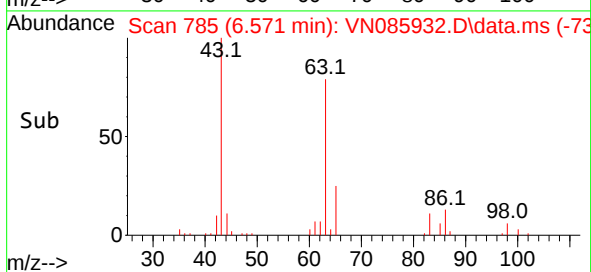
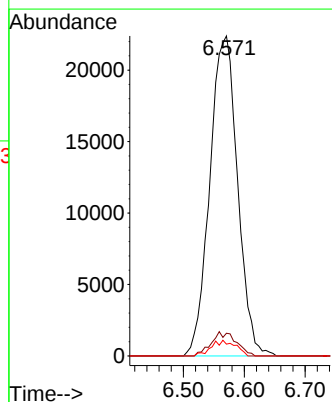
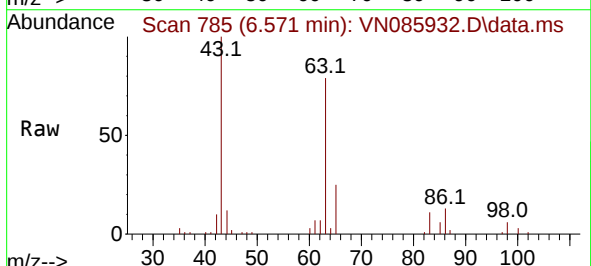
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0311WBSD01

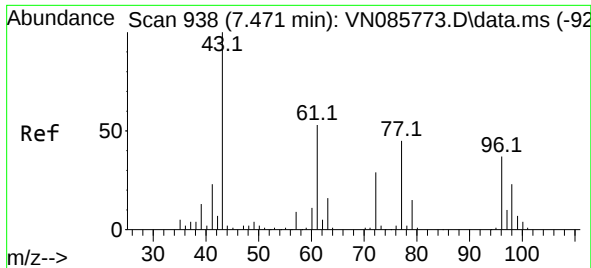
Tgt Ion: 43 Resp: 373467
 Ion Ratio Lower Upper
 43 100
 86 11.9 9.8 14.8



#24
 1,1-Dichloroethane
 Concen: 19.261 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN085932.D
 Acq: 11 Mar 2025 15:28

Tgt Ion: 63 Resp: 71060
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.4
 100 3.7 2.4 7.2

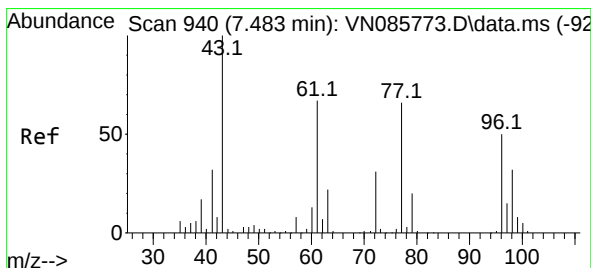
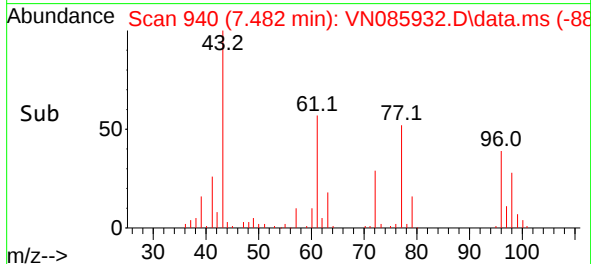
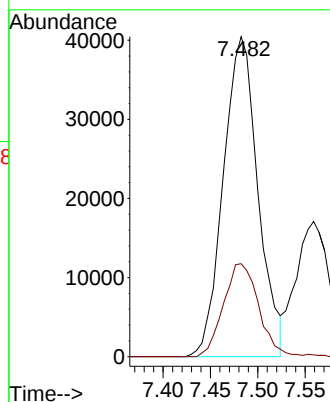
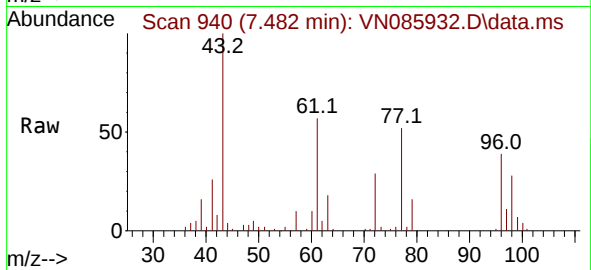




#25
2-Butanone
Concen: 102.220 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.012 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

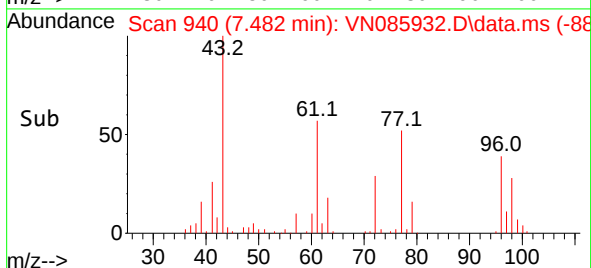
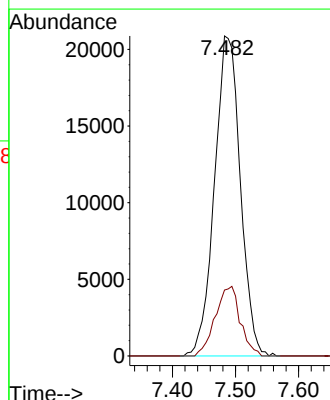
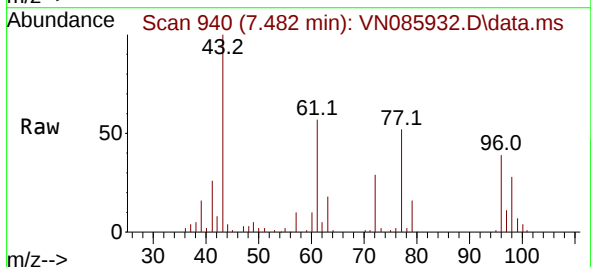
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBSD01

Tgt Ion: 43 Resp: 102911
Ion Ratio Lower Upper
43 100
72 29.0 23.6 35.4



#26
2,2-Dichloropropane
Concen: 18.093 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

Tgt Ion: 77 Resp: 59355
Ion Ratio Lower Upper
77 100
97 21.0 11.3 33.8



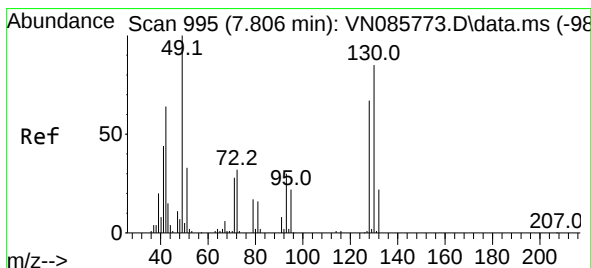
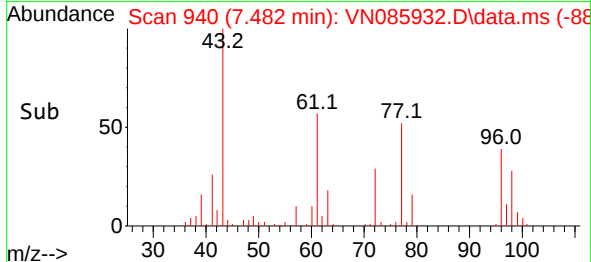
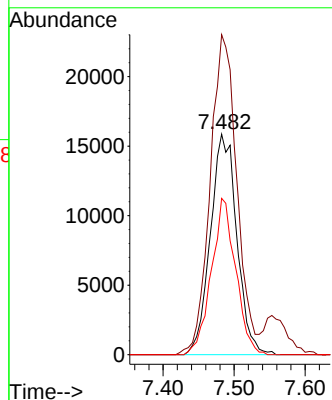
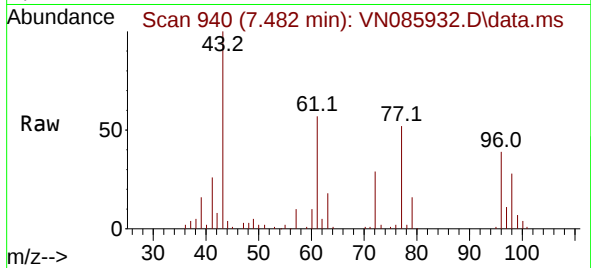


#27
 cis-1,2-Dichloroethene
 Concen: 17.955 ug/l
 RT: 7.482 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN085932.D
 Acq: 11 Mar 2025 15:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0311WBSD01

Tgt Ion: 96 Resp: 41008

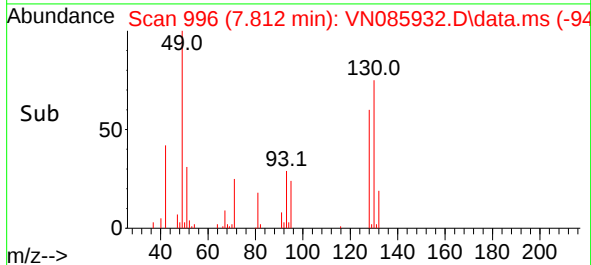
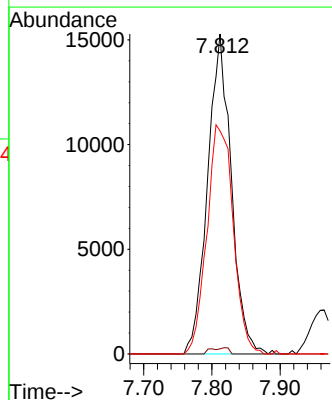
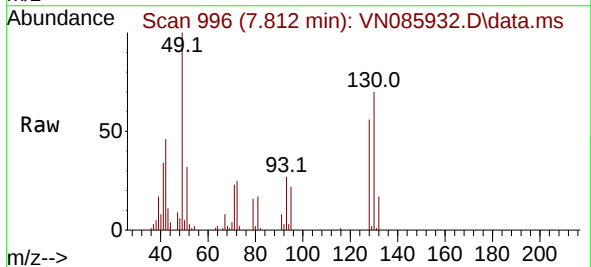
Ion	Ratio	Lower	Upper
96	100		
61	146.9	0.0	280.6
98	65.2	0.0	128.6

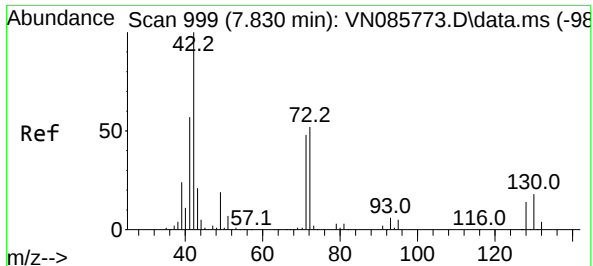


#28
 Bromochloromethane
 Concen: 24.397 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN085932.D
 Acq: 11 Mar 2025 15:28

Tgt Ion: 49 Resp: 36994

Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	3.8
130	79.2	68.0	102.0





#29

Tetrahydrofuran

Concen: 103.352 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN085932.D

Acq: 11 Mar 2025 15:28

Instrument :

MSVOA_N

ClientSampleId :

VN0311WBSD01

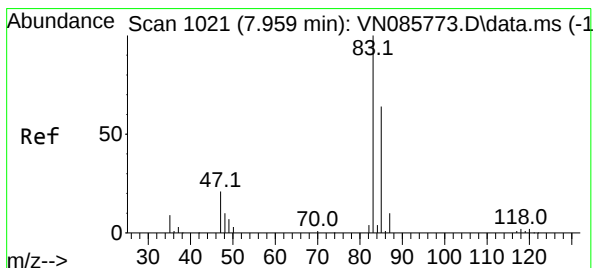
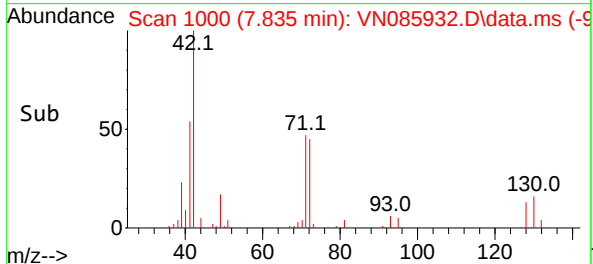
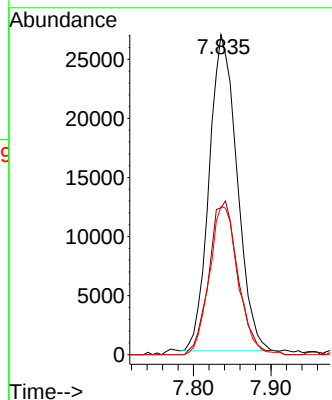
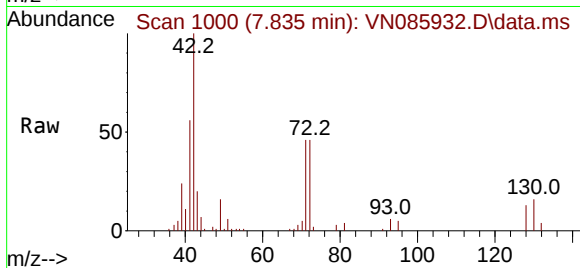
Tgt Ion: 42 Resp: 67190

Ion Ratio Lower Upper

42 100

72 50.5 40.0 60.0

71 48.0 37.0 55.4



#30

Chloroform

Concen: 19.038 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VN085932.D

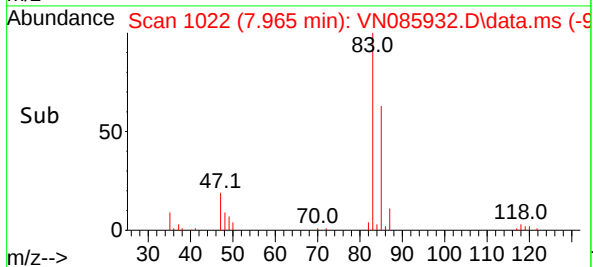
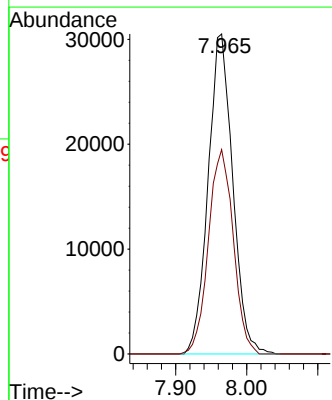
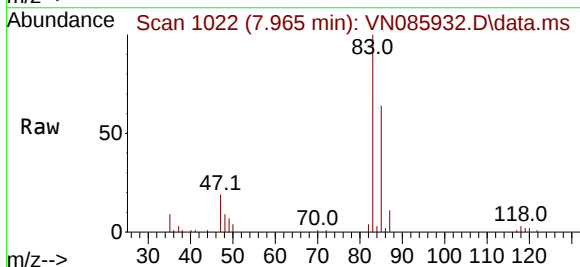
Acq: 11 Mar 2025 15:28

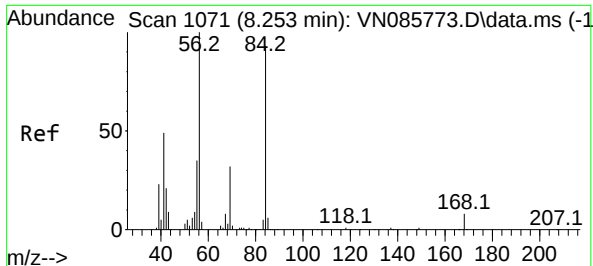
Tgt Ion: 83 Resp: 73399

Ion Ratio Lower Upper

83 100

85 63.9 50.9 76.3

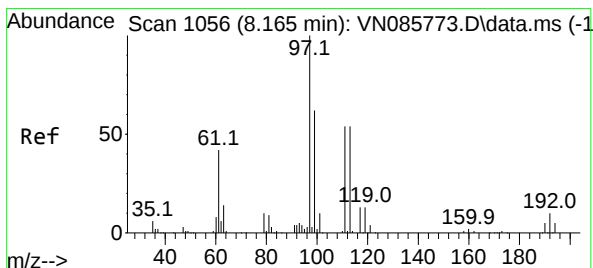
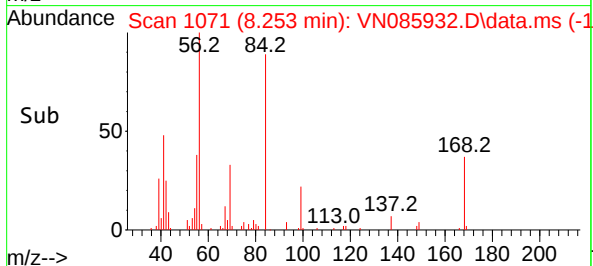
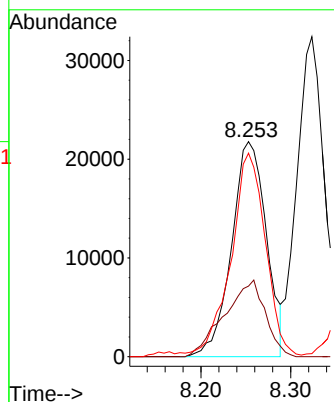
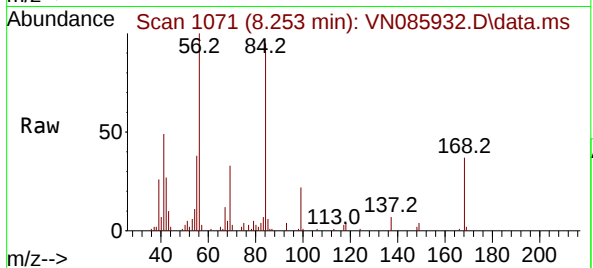




#31
Cyclohexane
Concen: 19.019 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

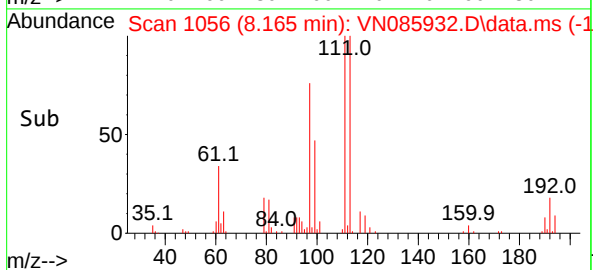
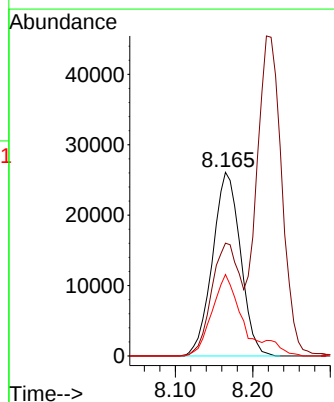
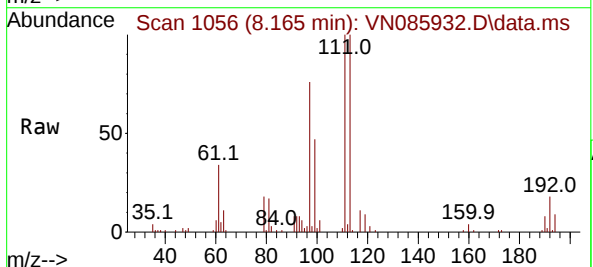
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBSD01

Tgt Ion:	56	Resp:	58750
Ion Ratio	Lower	Upper	
56	100		
69	32.8	25.8	38.6
84	92.8	74.5	111.7



#32
1,1,1-Trichloroethane
Concen: 19.074 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

Tgt Ion:	97	Resp:	65410
Ion Ratio	Lower	Upper	
97	100		
99	62.0	50.4	75.6
61	45.1	35.5	53.3





#33

1,2-Dichloroethane-d4

Concen: 47.591 ug/l

RT: 8.576 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085932.D

Acq: 11 Mar 2025 15:28

Instrument :

MSVOA_N

ClientSampleId :

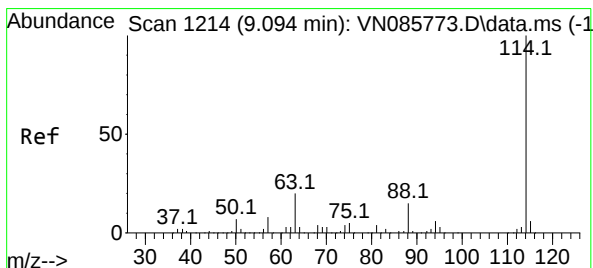
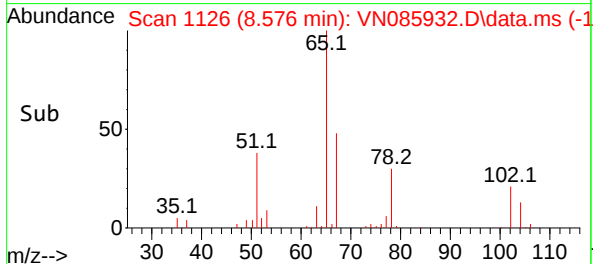
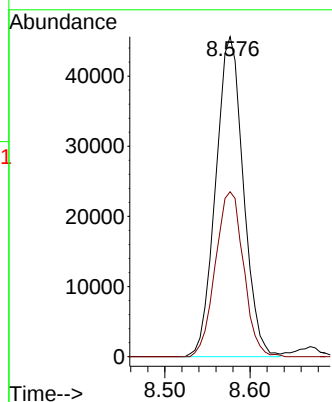
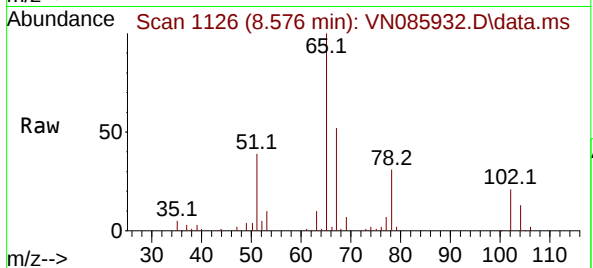
VN0311WBSD01

Tgt Ion: 65 Resp: 102925

Ion Ratio Lower Upper

65 100

67 52.5 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085932.D

Acq: 11 Mar 2025 15:28

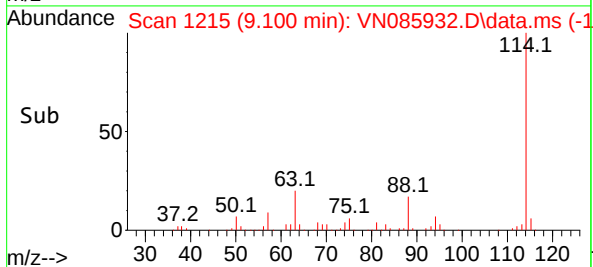
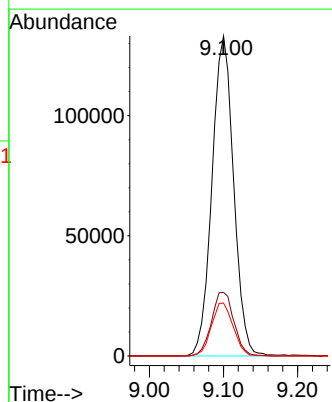
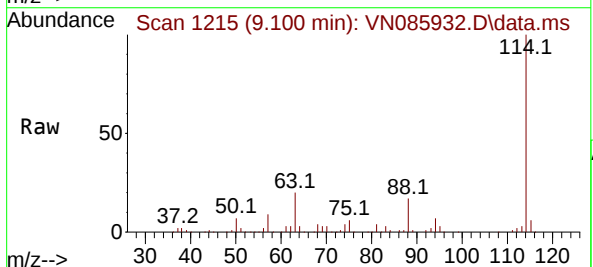
Tgt Ion: 114 Resp: 269902

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.2

88 16.6 0.0 30.0





#35

Dibromofluoromethane

Concen: 47.628 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085932.D

Acq: 11 Mar 2025 15:28

Instrument :

MSVOA_N

ClientSampleId :

VN0311WBSD01

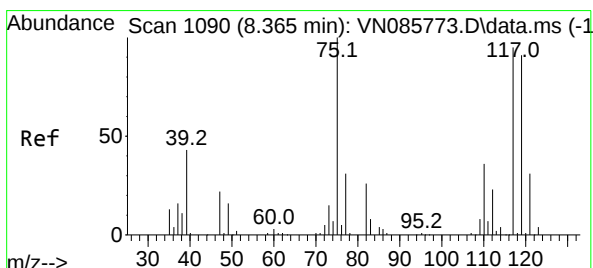
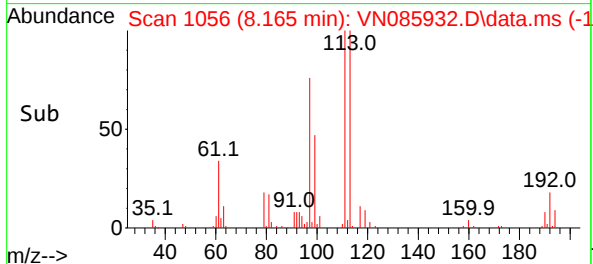
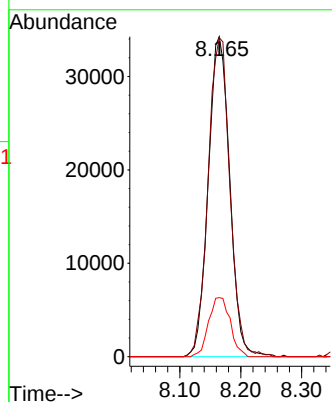
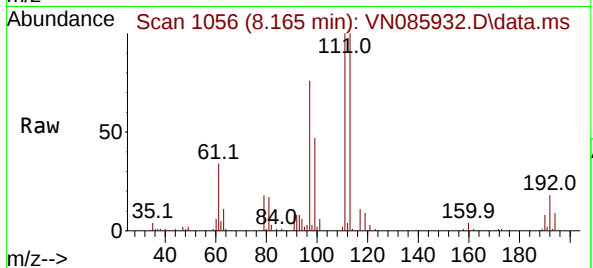
Tgt Ion:113 Resp: 84117

Ion Ratio Lower Upper

113 100

111 101.1 82.2 123.4

192 18.5 14.7 22.1



#36

1,1-Dichloropropene

Concen: 18.974 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.006 min

Lab File: VN085932.D

Acq: 11 Mar 2025 15:28

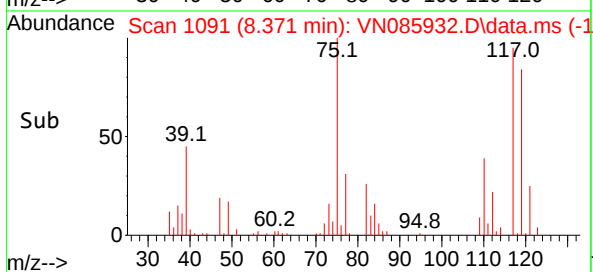
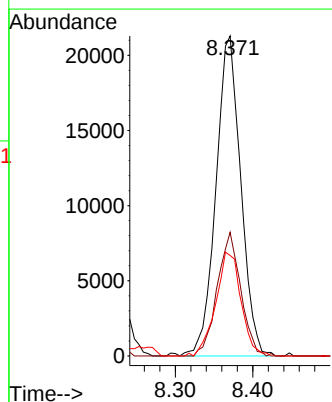
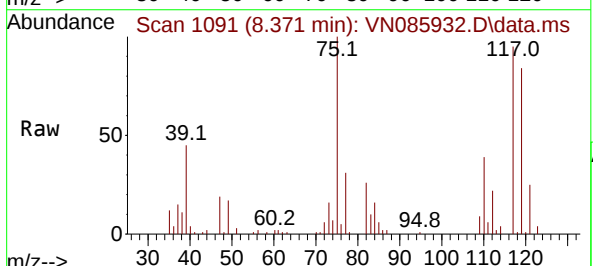
Tgt Ion: 75 Resp: 47425

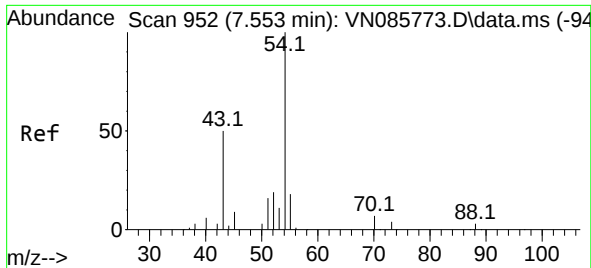
Ion Ratio Lower Upper

75 100

110 36.6 17.3 52.0

77 33.1 24.6 37.0

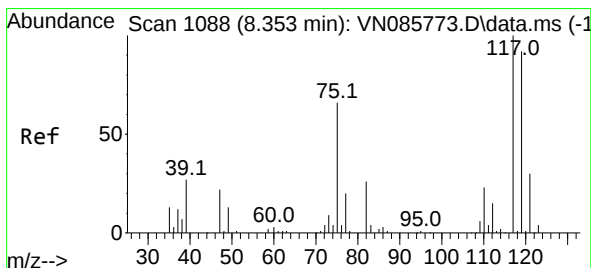
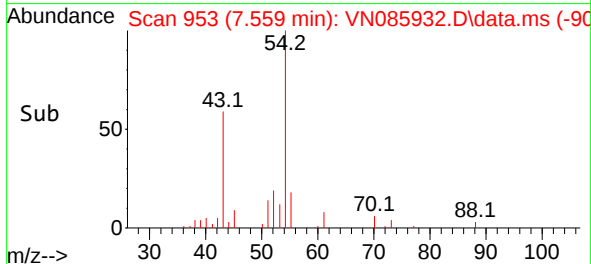
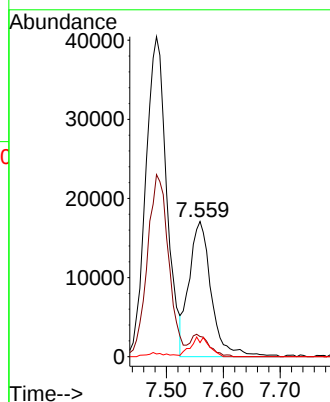
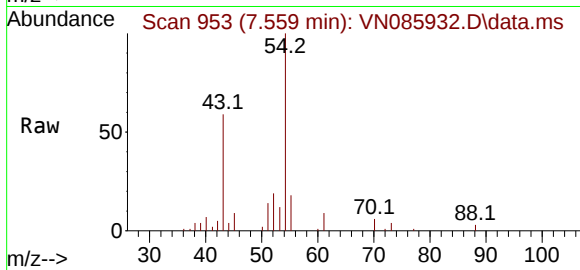




#37
Ethyl Acetate
Concen: 22.612 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

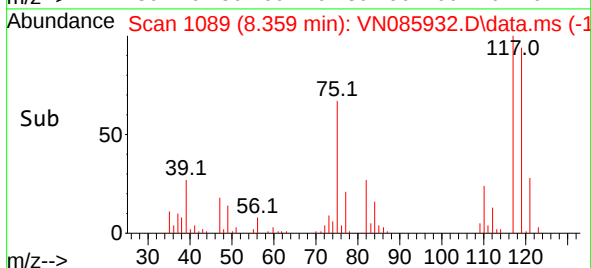
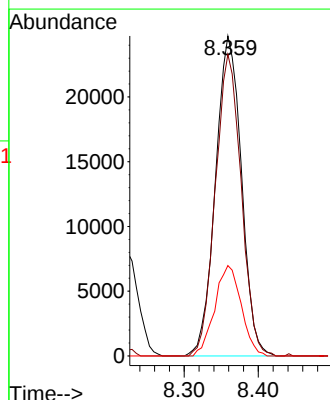
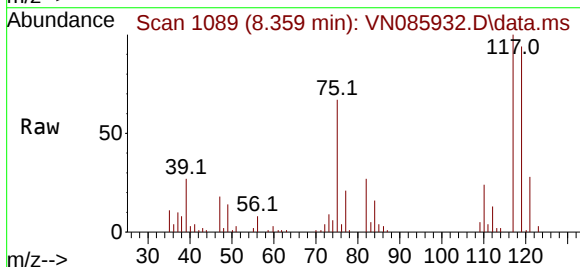
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBSD01

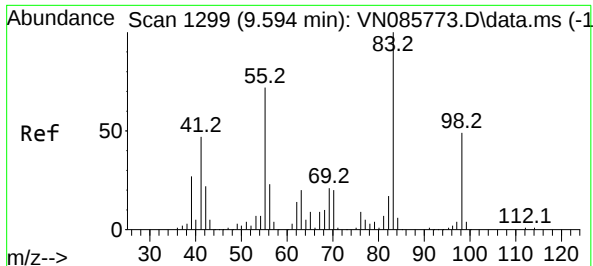
Tgt Ion: 43 Resp: 46512
Ion Ratio Lower Upper
43 100
61 13.7 12.2 18.2
70 12.0 9.5 14.3



#38
Carbon Tetrachloride
Concen: 20.235 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

Tgt Ion: 117 Resp: 60097
Ion Ratio Lower Upper
117 100
119 94.3 73.8 110.6
121 28.2 24.3 36.5





#39

Methylcyclohexane

Concen: 18.176 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN085932.D

Acq: 11 Mar 2025 15:28

Instrument :

MSVOA_N

ClientSampleId :

VN0311WBSD01

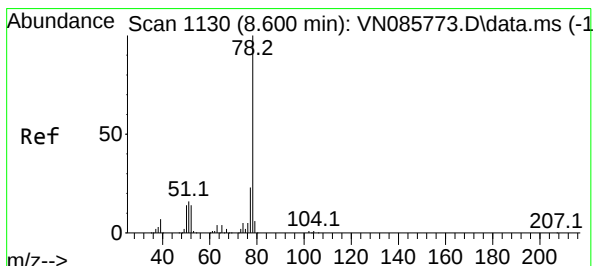
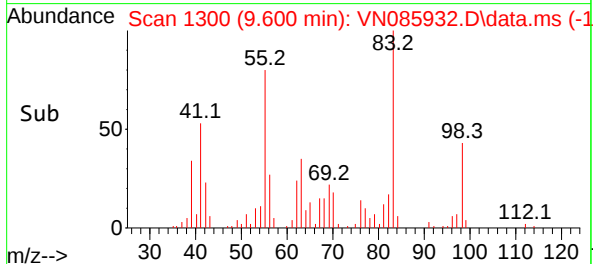
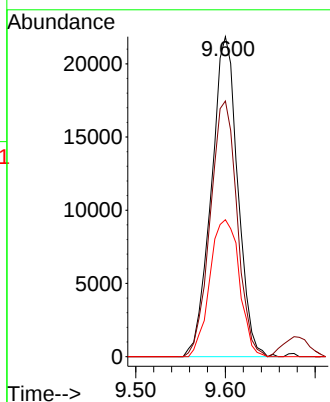
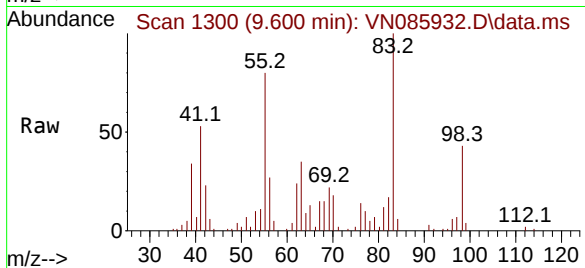
Tgt Ion: 83 Resp: 44632

Ion Ratio Lower Upper

83 100

55 79.9 57.5 86.3

98 42.8 39.2 58.8



#40

Benzene

Concen: 19.751 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN085932.D

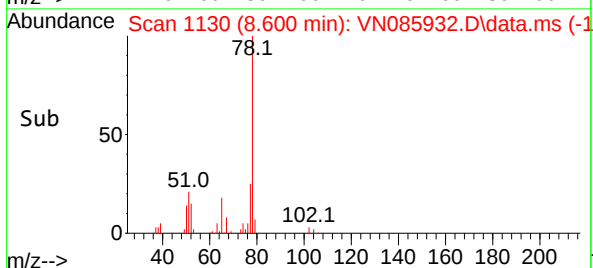
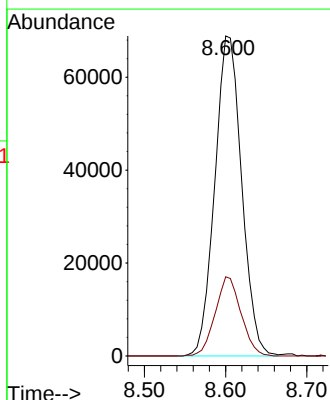
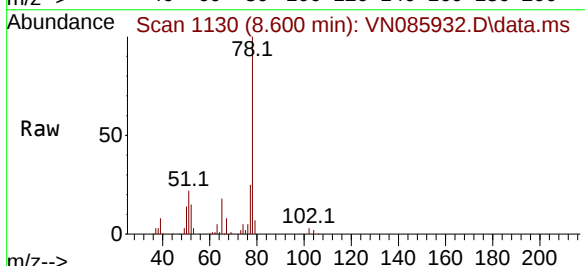
Acq: 11 Mar 2025 15:28

Tgt Ion: 78 Resp: 158231

Ion Ratio Lower Upper

78 100

77 24.8 18.3 27.5

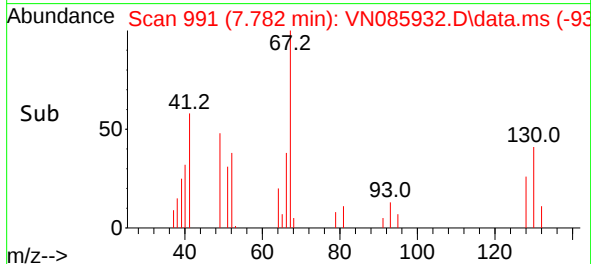
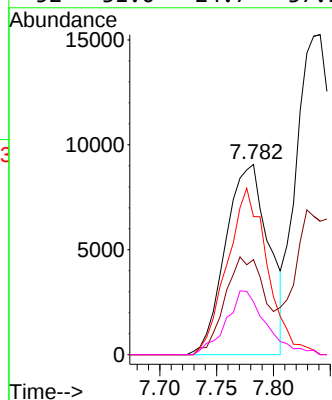
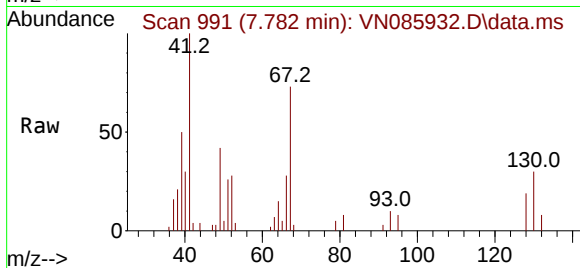




#41
Methacrylonitrile
Concen: 21.816 ug/l
RT: 7.782 min Scan# 91
Delta R.T. 0.017 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

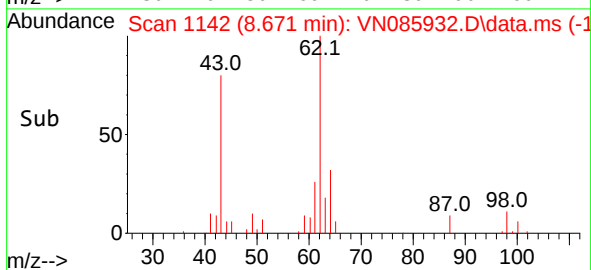
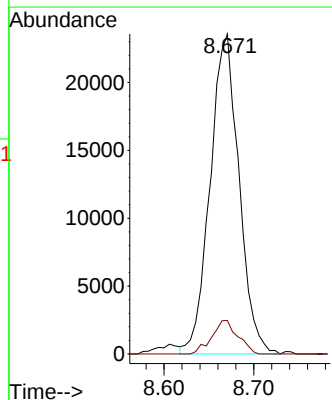
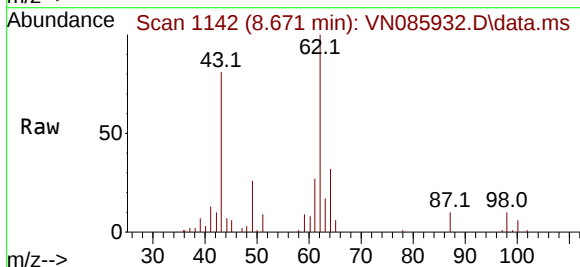
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBSD01

Tgt Ion: 41	Resp: 23989
Ion Ratio	Lower Upper
41 100	
39 47.3	42.0 63.0
67 81.8	64.2 96.4
52 31.0	24.7 37.1



#42
1,2-Dichloroethane
Concen: 20.191 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

Tgt Ion: 62	Resp: 52687
Ion Ratio	Lower Upper
62 100	
98 9.4	0.0 19.6

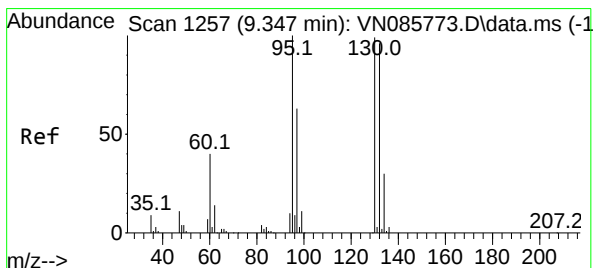
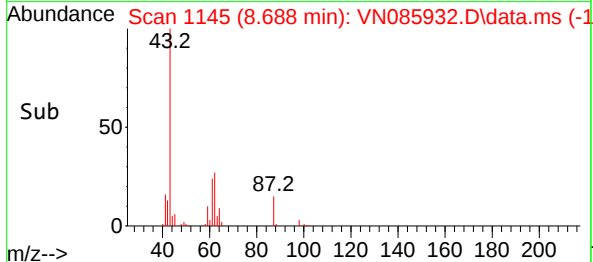
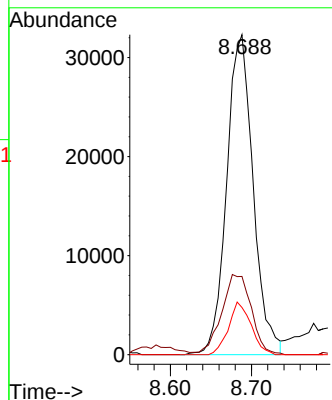
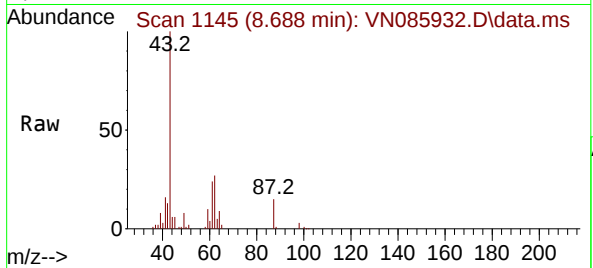




#43
Isopropyl Acetate
Concen: 19.978 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.005 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

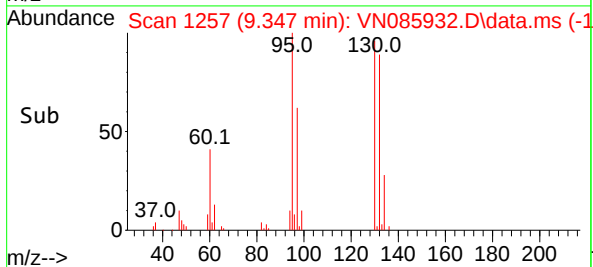
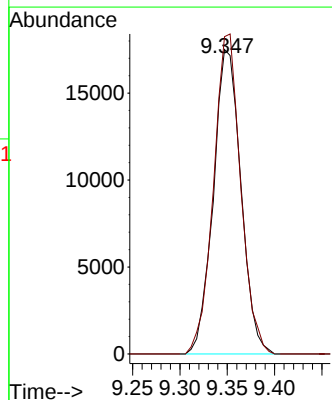
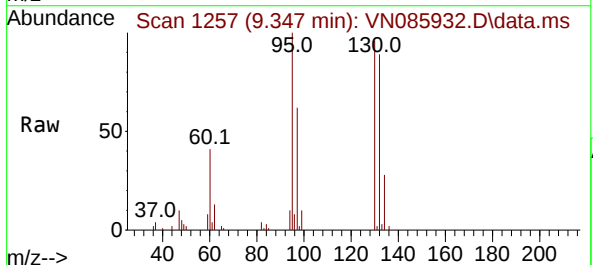
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBSD01

Tgt Ion: 43 Resp: 73303
Ion Ratio Lower Upper
43 100
61 28.2 22.6 34.0
87 14.0 11.8 17.8



#44
Trichloroethene
Concen: 18.035 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

Tgt Ion:130 Resp: 35475
Ion Ratio Lower Upper
130 100
95 104.3 0.0 202.6





#45

1,2-Dichloropropane

Concen: 20.301 ug/l

RT: 9.612 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN085932.D

Acq: 11 Mar 2025 15:28

Instrument :

MSVOA_N

ClientSampleId :

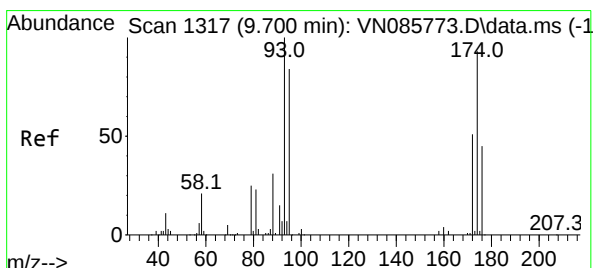
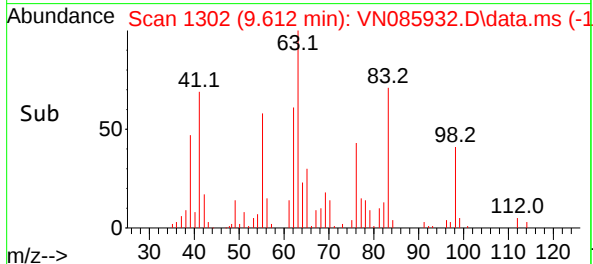
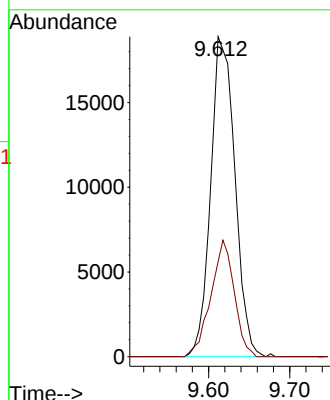
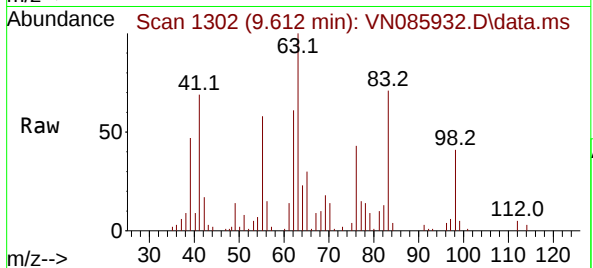
VN0311WBSD01

Tgt Ion: 63 Resp: 39256

Ion Ratio Lower Upper

63 100

65 29.7 25.1 37.7



#46

Dibromomethane

Concen: 20.284 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.006 min

Lab File: VN085932.D

Acq: 11 Mar 2025 15:28

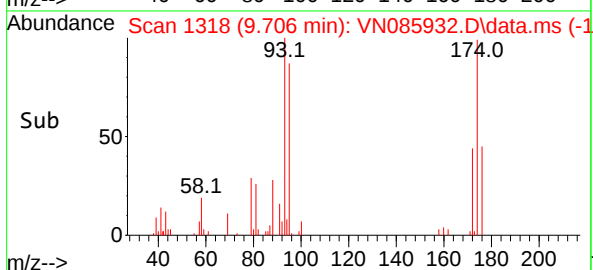
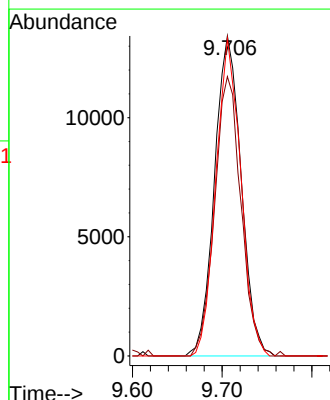
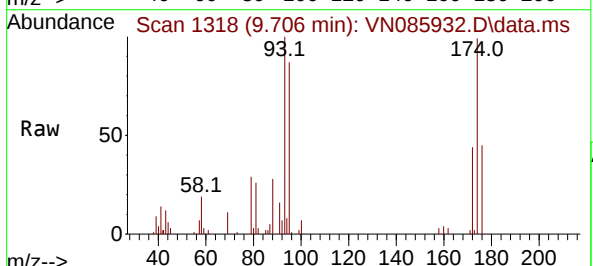
Tgt Ion: 93 Resp: 27667

Ion Ratio Lower Upper

93 100

95 86.4 66.7 100.1

174 92.6 77.2 115.8





#47

Bromodichloromethane

Concen: 19.722 ug/l

RT: 9.882 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN085932.D

Acq: 11 Mar 2025 15:28

Instrument :

MSVOA_N

ClientSampleId :

VN0311WBSD01

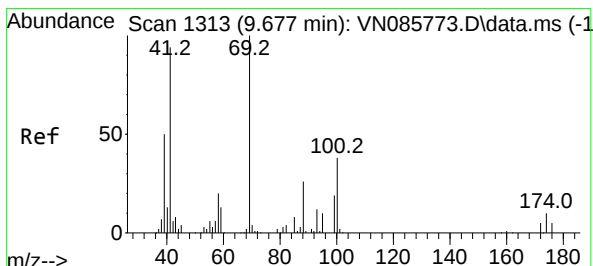
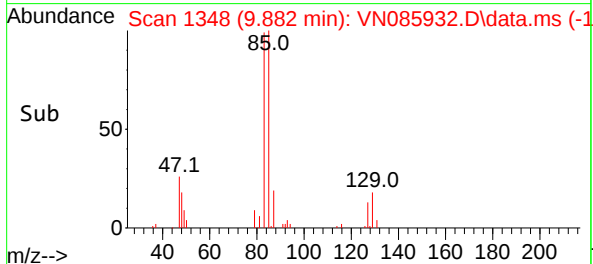
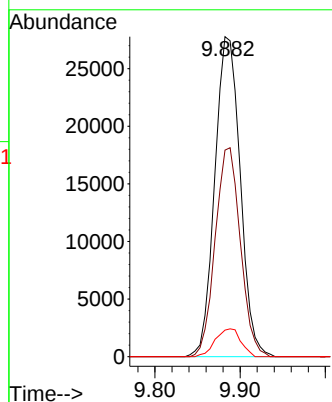
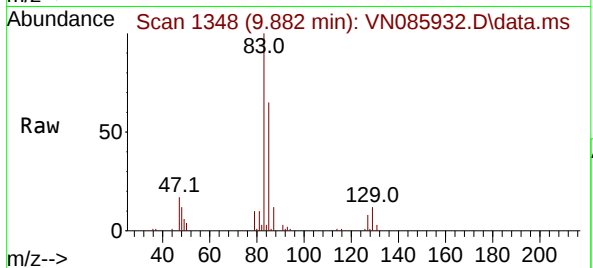
Tgt Ion: 83 Resp: 57554

Ion Ratio Lower Upper

83 100

85 64.5 50.5 75.7

127 8.3 7.2 10.8



#48

Methyl methacrylate

Concen: 20.391 ug/l

RT: 9.676 min Scan# 1313

Delta R.T. -0.000 min

Lab File: VN085932.D

Acq: 11 Mar 2025 15:28

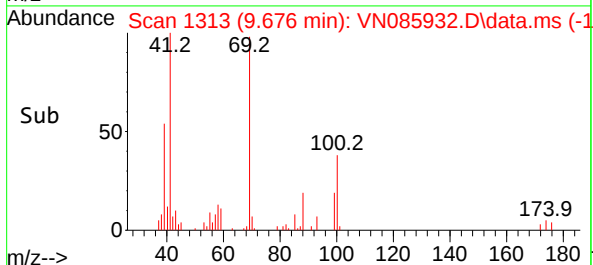
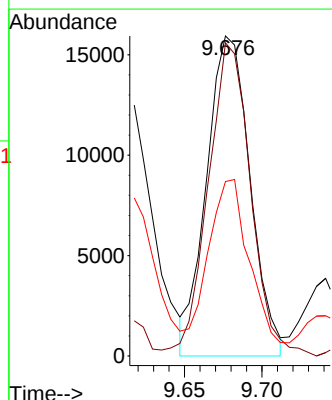
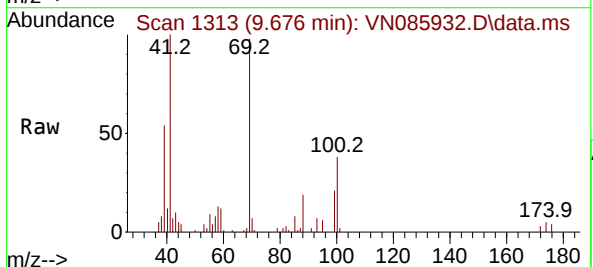
Tgt Ion: 41 Resp: 31149

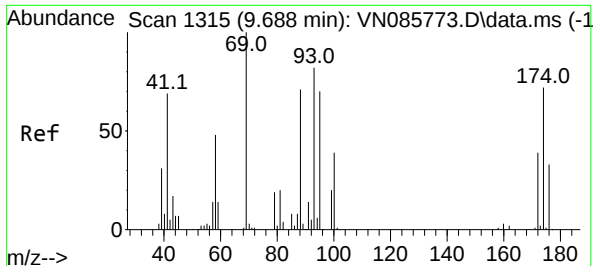
Ion Ratio Lower Upper

41 100

69 95.4 76.0 114.0

39 54.9 42.3 63.5





#49

1,4-Dioxane

Concen: 446.857 ug/l

RT: 9.688 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN085932.D

Acq: 11 Mar 2025 15:28

Instrument :

MSVOA_N

ClientSampleId :

VN0311WBSD01

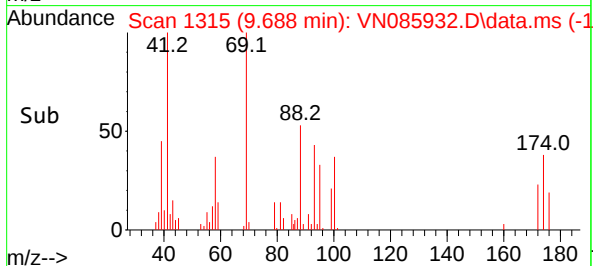
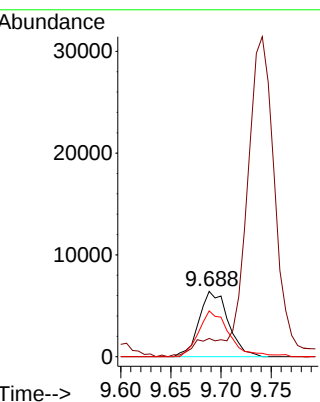
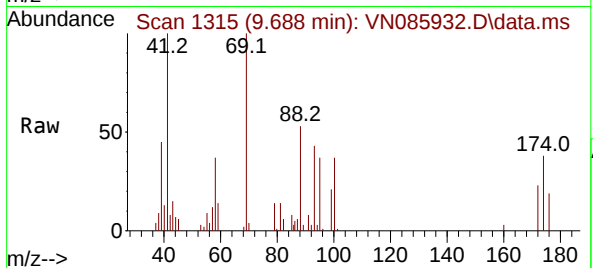
Tgt Ion: 88 Resp: 12981

Ion Ratio Lower Upper

88 100

43 22.2 18.6 27.8

58 73.6 56.7 85.1



#50

Toluene-d8

Concen: 46.614 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VN085932.D

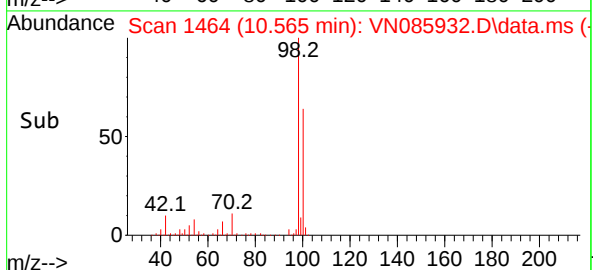
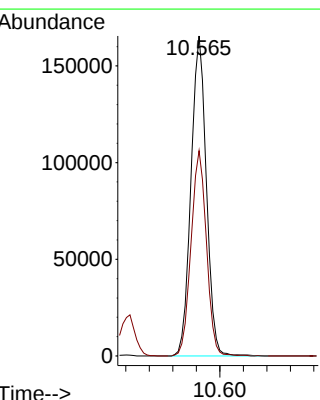
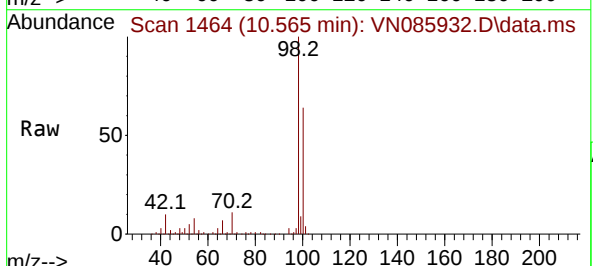
Acq: 11 Mar 2025 15:28

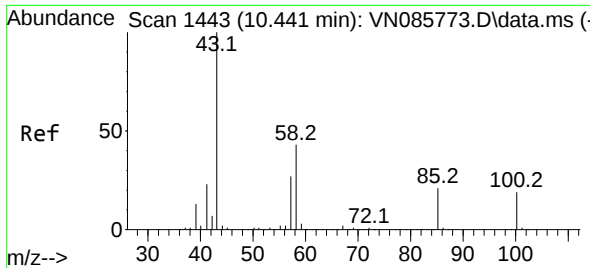
Tgt Ion: 98 Resp: 299527

Ion Ratio Lower Upper

98 100

100 64.2 52.1 78.1

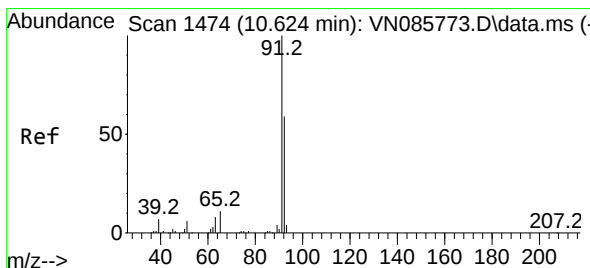
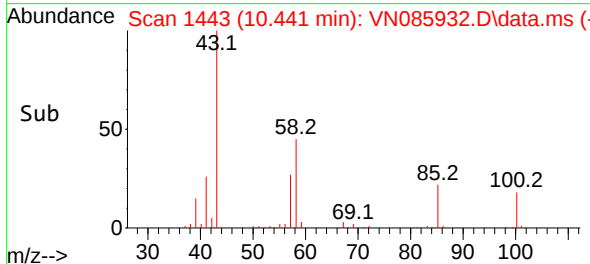
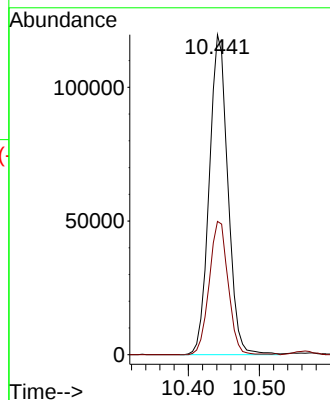
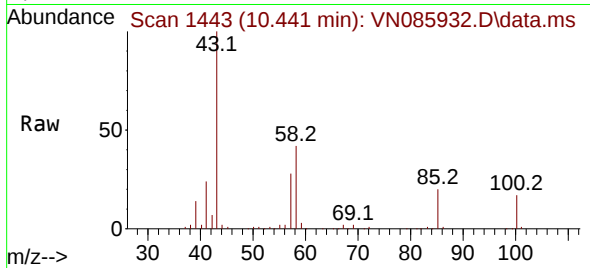




#51
4-Methyl-2-Pentanone
Concen: 109.892 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

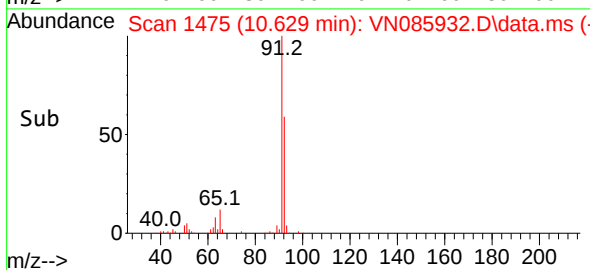
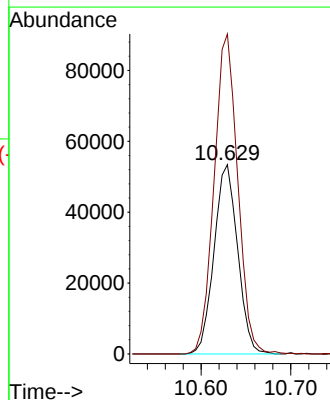
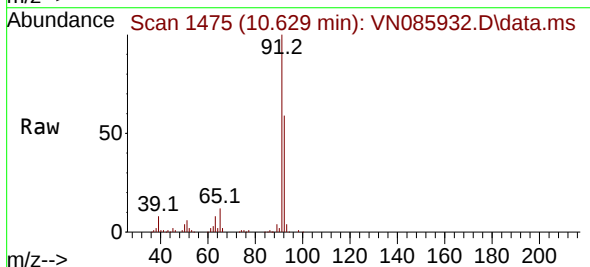
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBSD01

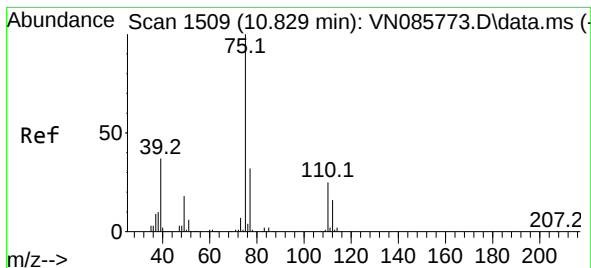
Tgt Ion: 43 Resp: 217937
Ion Ratio Lower Upper
43 100
58 42.2 34.6 52.0



#52
Toluene
Concen: 20.732 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

Tgt Ion: 92 Resp: 97359
Ion Ratio Lower Upper
92 100
91 169.2 136.9 205.3

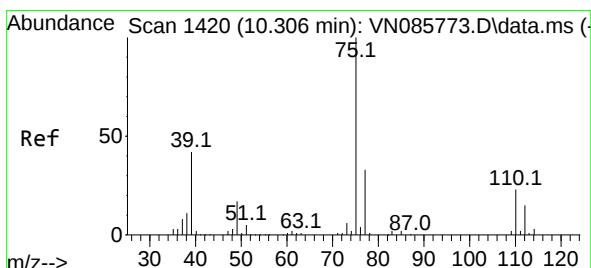
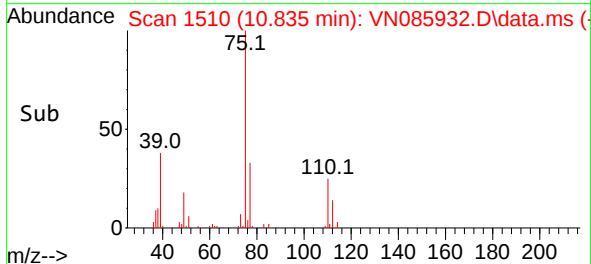
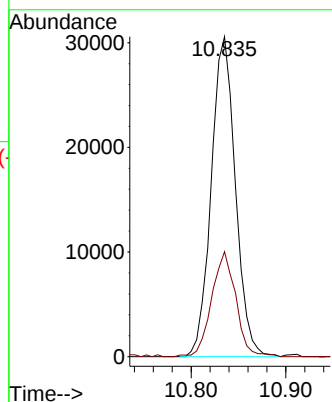
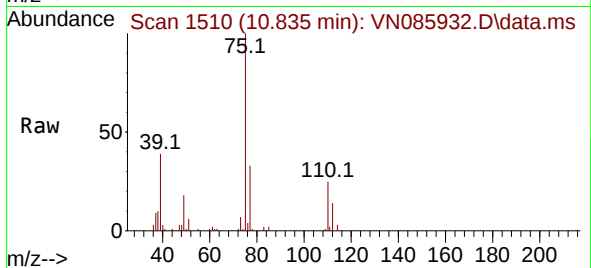




#53
t-1,3-Dichloropropene
Concen: 20.077 ug/l
RT: 10.835 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

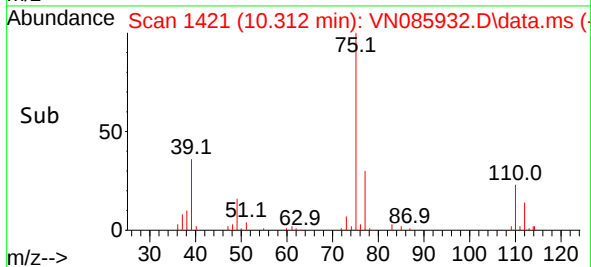
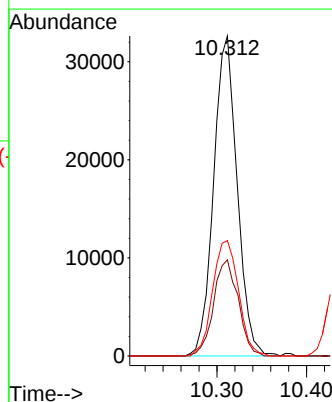
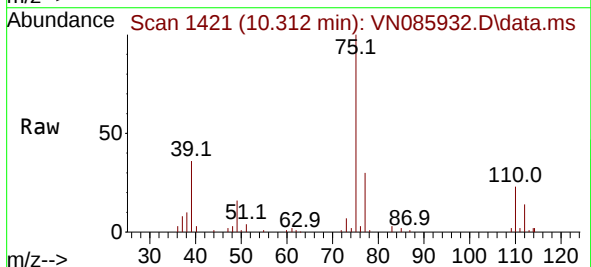
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBSD01

Tgt Ion: 75 Resp: 54176
Ion Ratio Lower Upper
75 100
77 32.8 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 20.076 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

Tgt Ion: 75 Resp: 59404
Ion Ratio Lower Upper
75 100
77 30.0 26.1 39.1
39 36.0 33.4 50.0





#55

1,1,2-Trichloroethane

Concen: 19.597 ug/l

RT: 11.012 min Scan# 1540

Delta R.T. -0.000 min

Lab File: VN085932.D

Acq: 11 Mar 2025 15:28

Instrument :

MSVOA_N

ClientSampleId :

VN0311WBSD01

Tgt Ion: 97 Resp: 36590

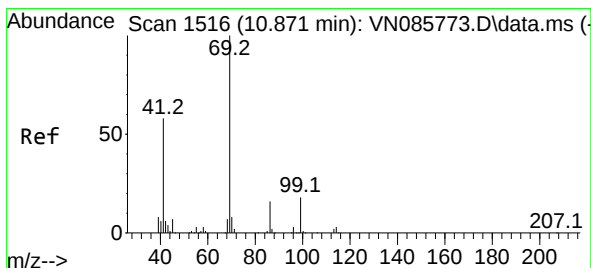
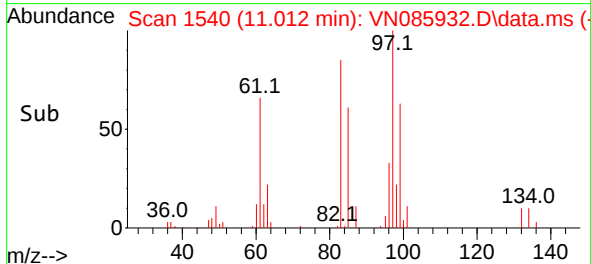
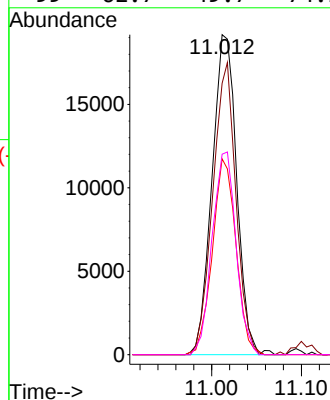
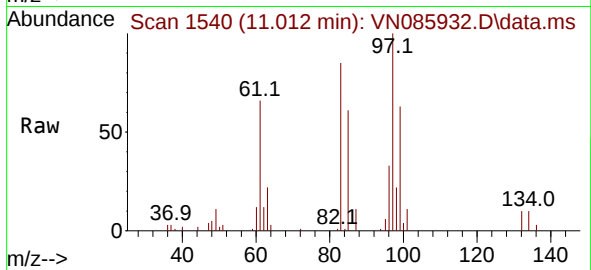
Ion Ratio Lower Upper

97 100

83 84.8 66.1 99.1

85 61.2 44.7 67.1

99 62.7 49.7 74.5



#56

Ethyl methacrylate

Concen: 19.676 ug/l

RT: 10.870 min Scan# 1516

Delta R.T. -0.001 min

Lab File: VN085932.D

Acq: 11 Mar 2025 15:28

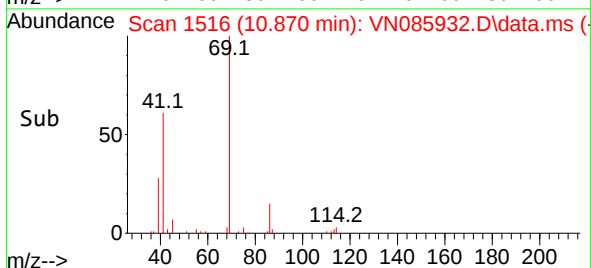
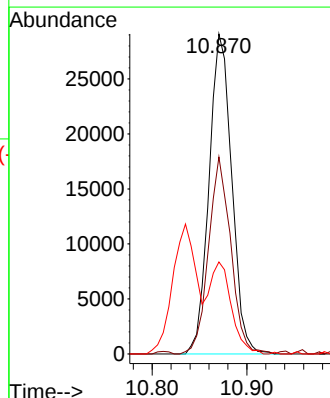
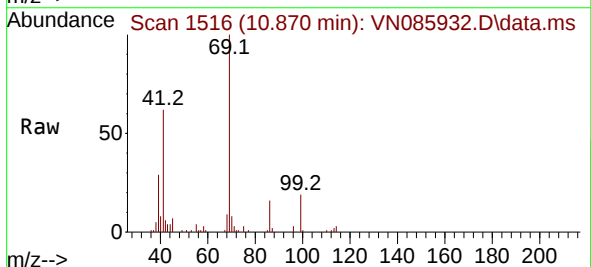
Tgt Ion: 69 Resp: 48469

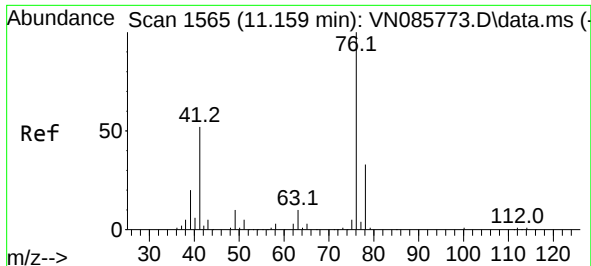
Ion Ratio Lower Upper

69 100

41 60.4 46.0 69.0

39 28.3 22.0 33.0





#57

1,3-Dichloropropane

Concen: 20.098 ug/l

RT: 11.159 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN085932.D

Acq: 11 Mar 2025 15:28

Instrument :

MSVOA_N

ClientSampleId :

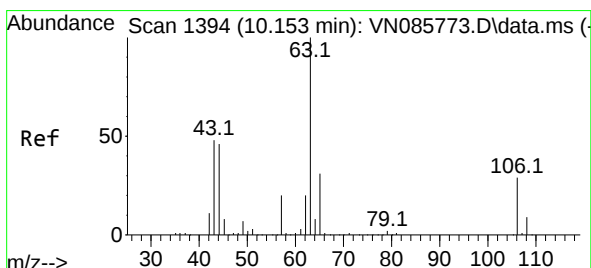
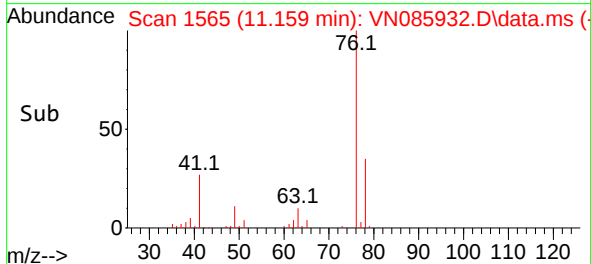
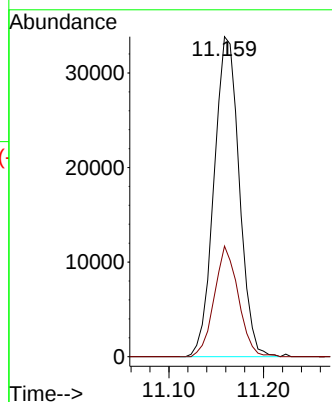
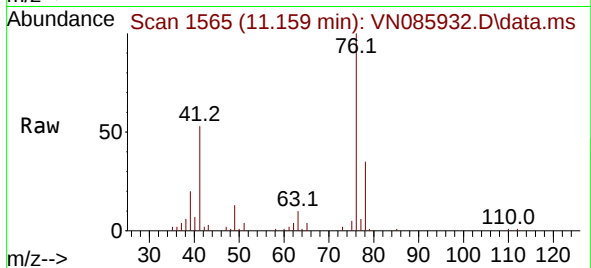
VN0311WBSD01

Tgt Ion: 76 Resp: 62641

Ion Ratio Lower Upper

76 100

78 33.0 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 104.180 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.006 min

Lab File: VN085932.D

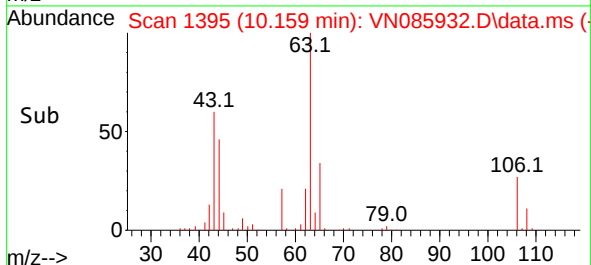
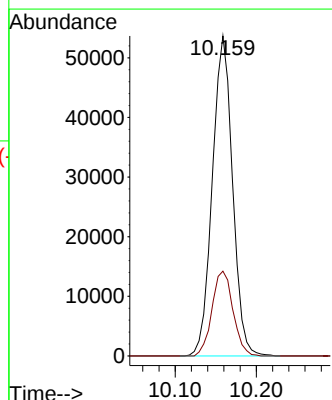
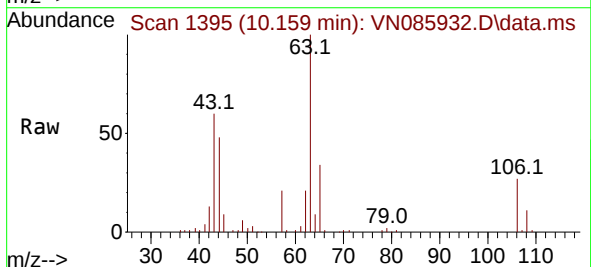
Acq: 11 Mar 2025 15:28

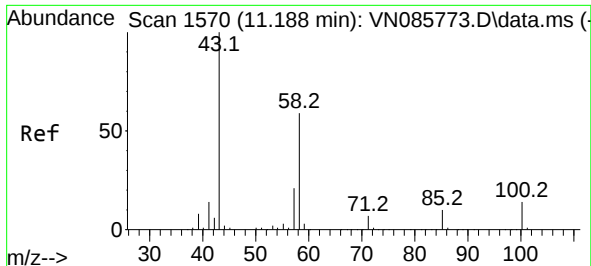
Tgt Ion: 63 Resp: 92918

Ion Ratio Lower Upper

63 100

106 27.5 22.7 34.1

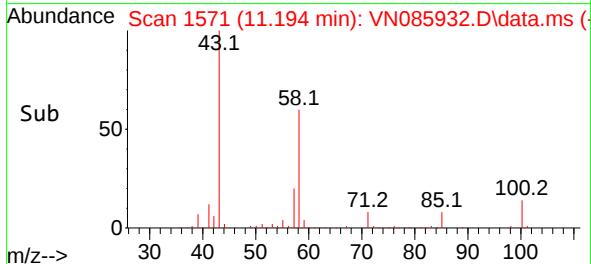
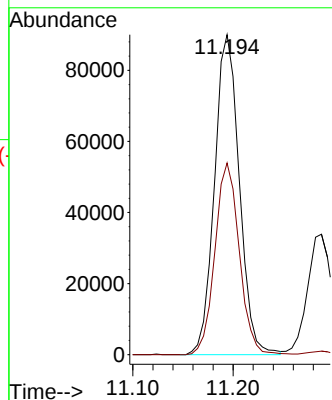
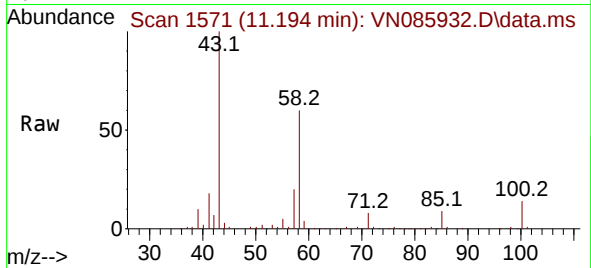




#59
2-Hexanone
Concen: 113.129 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

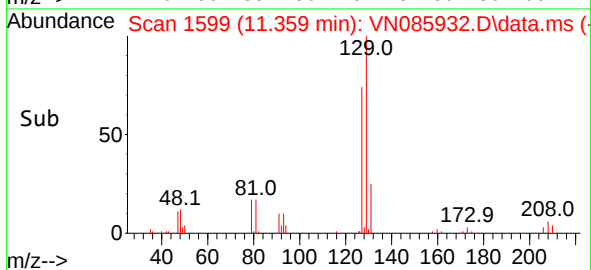
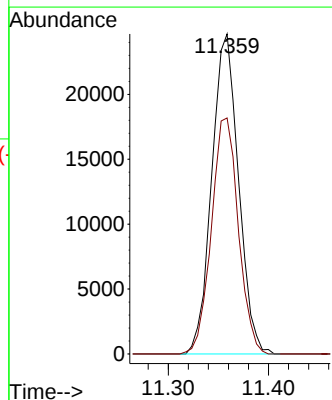
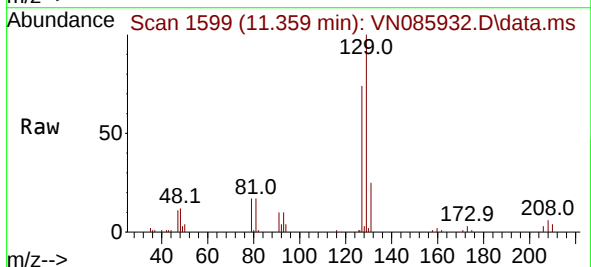
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBSD01

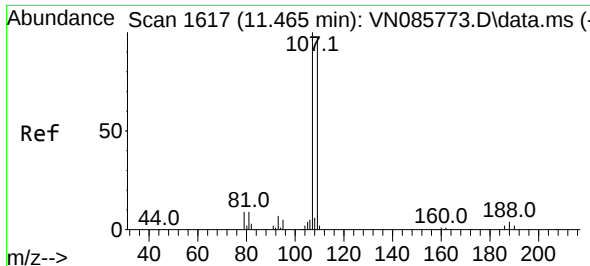
Tgt Ion: 43 Resp: 154345
Ion Ratio Lower Upper
43 100
58 58.8 29.8 89.5



#60
Dibromochloromethane
Concen: 20.971 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

Tgt Ion:129 Resp: 45593
Ion Ratio Lower Upper
129 100
127 74.2 39.1 117.5

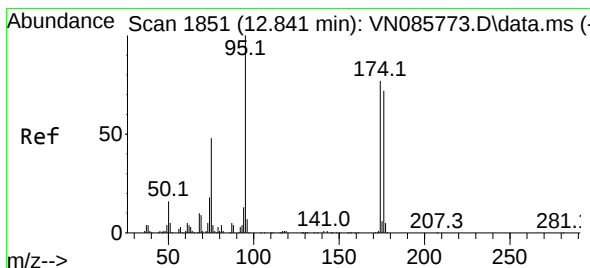
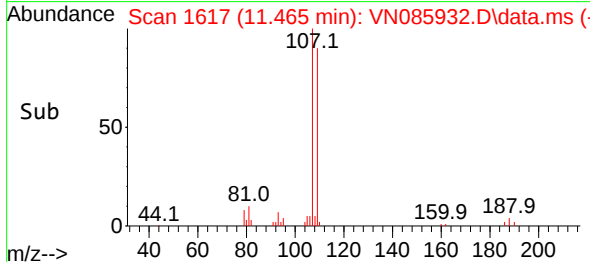
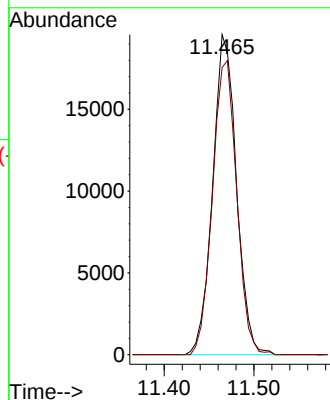
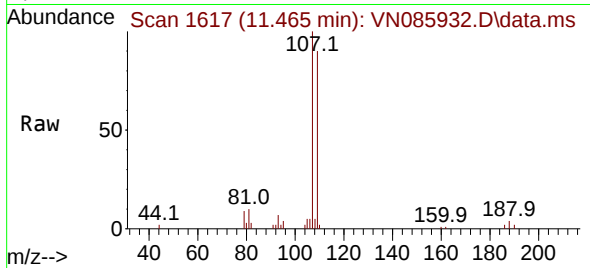




#61
1,2-Dibromoethane
Concen: 20.368 ug/l
RT: 11.465 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

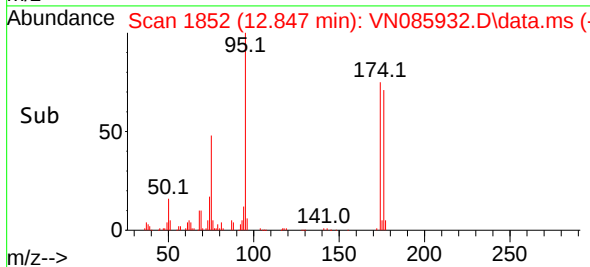
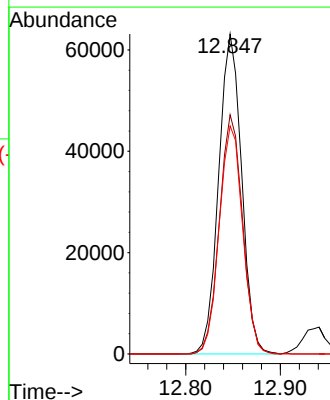
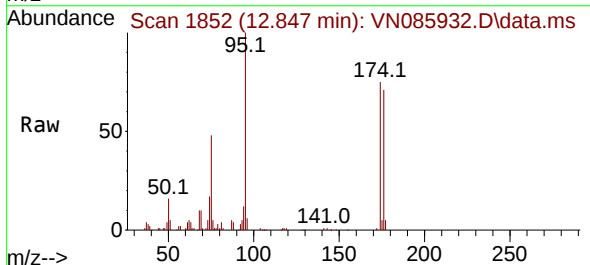
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBSD01

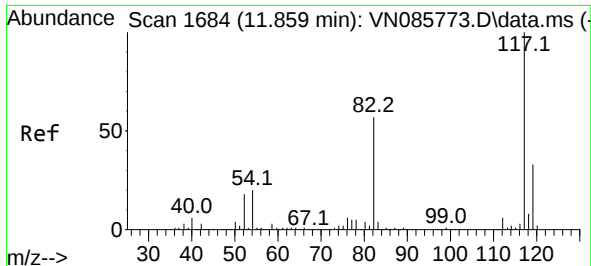
Tgt Ion:107 Resp: 35932
Ion Ratio Lower Upper
107 100
109 93.8 76.0 114.0



#62
4-Bromofluorobenzene
Concen: 50.218 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

Tgt Ion: 95 Resp: 106317
Ion Ratio Lower Upper
95 100
174 75.6 0.0 152.4
176 72.7 0.0 146.6

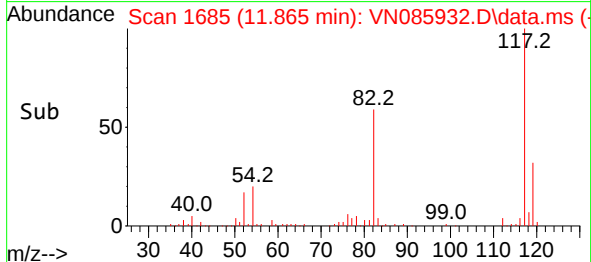
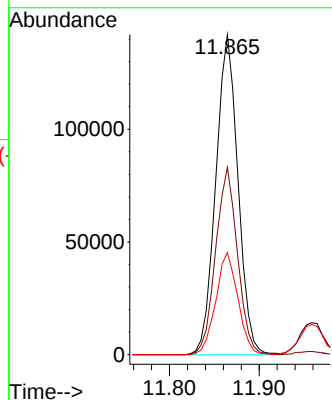
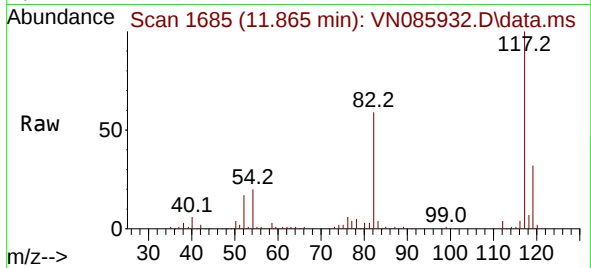




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

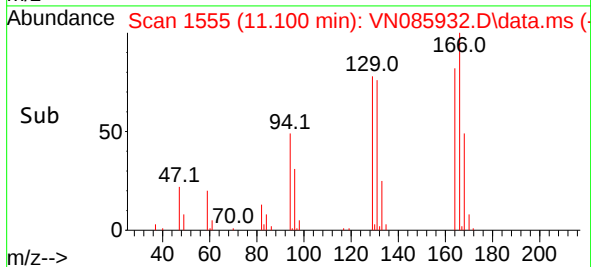
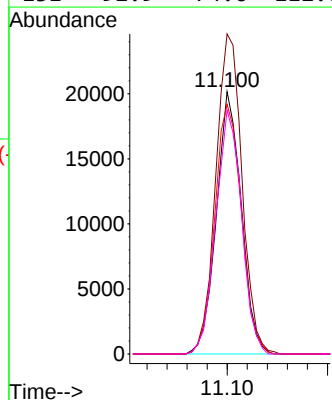
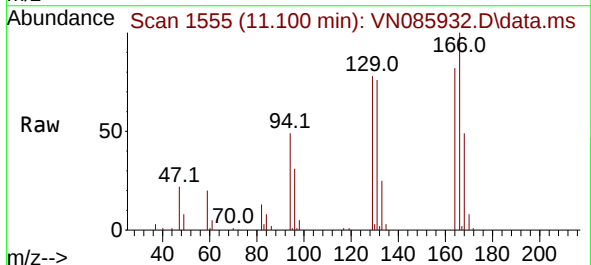
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBSD01

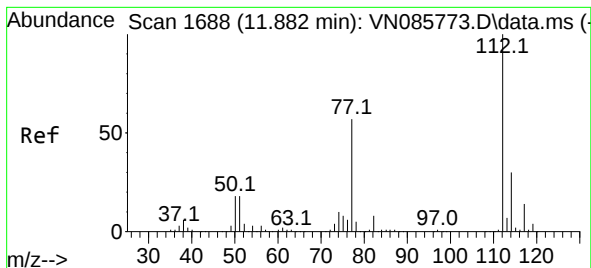
Tgt Ion:117 Resp: 244088
Ion Ratio Lower Upper
117 100
82 58.6 45.7 68.5
119 31.9 26.2 39.2



#64
Tetrachloroethene
Concen: 18.449 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

Tgt Ion:164 Resp: 34886
Ion Ratio Lower Upper
164 100
166 122.0 107.2 160.8
129 95.2 80.7 121.1
131 92.9 74.6 112.0





#65

Chlorobenzene

Concen: 18.318 ug/l

RT: 11.888 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN085932.D

Acq: 11 Mar 2025 15:28

Instrument :

MSVOA_N

ClientSampleId :

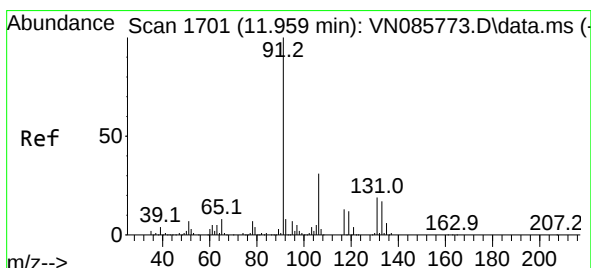
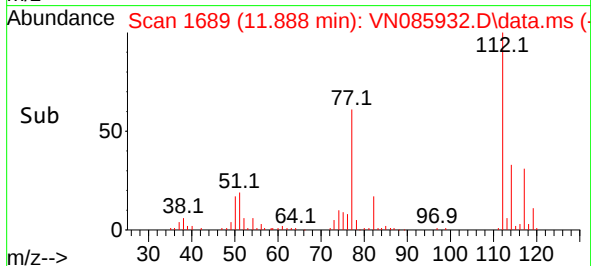
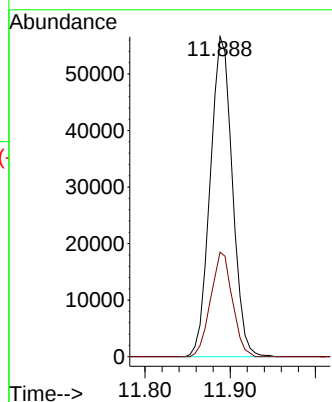
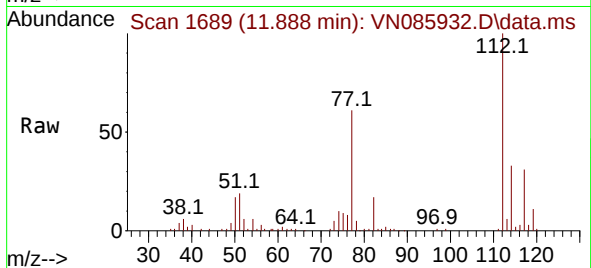
VN0311WBSD01

Tgt Ion:112 Resp: 102428

Ion Ratio Lower Upper

112 100

114 32.7 24.3 36.5



#66

1,1,1,2-Tetrachloroethane

Concen: 18.897 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VN085932.D

Acq: 11 Mar 2025 15:28

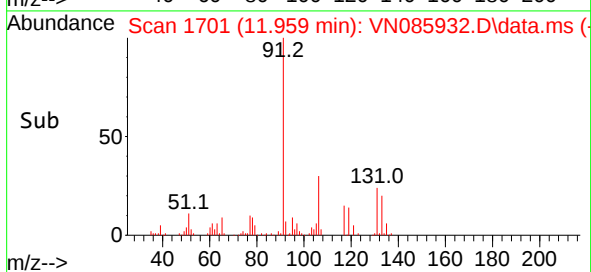
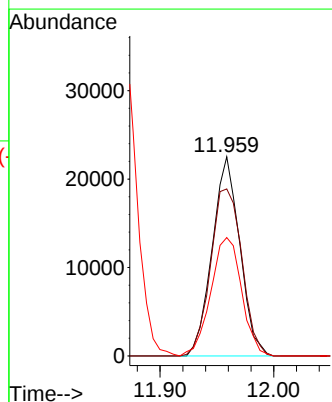
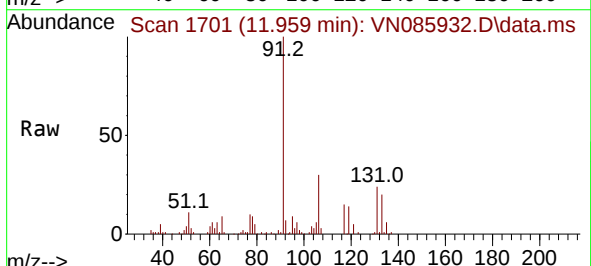
Tgt Ion:131 Resp: 37980

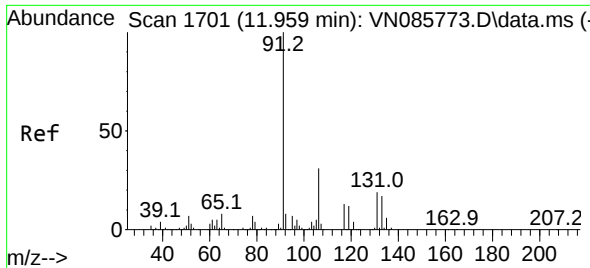
Ion Ratio Lower Upper

131 100

133 95.3 47.7 143.1

119 66.4 33.3 99.8

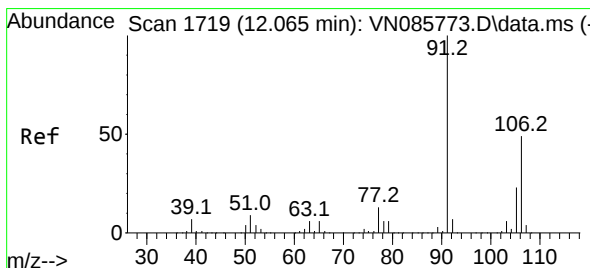
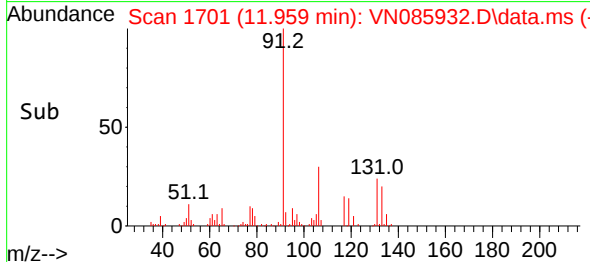
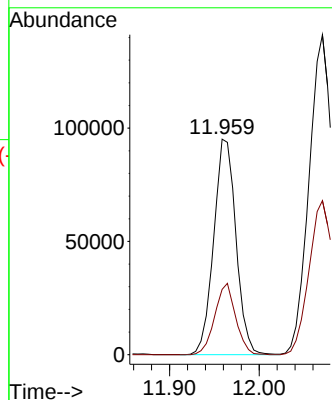
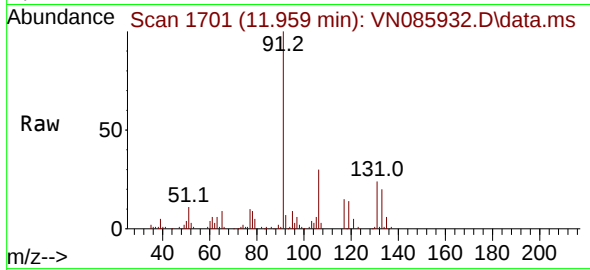




#67
Ethyl Benzene
Concen: 18.725 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

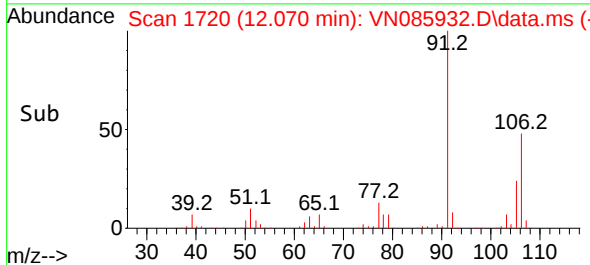
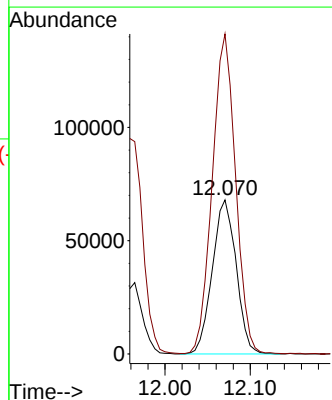
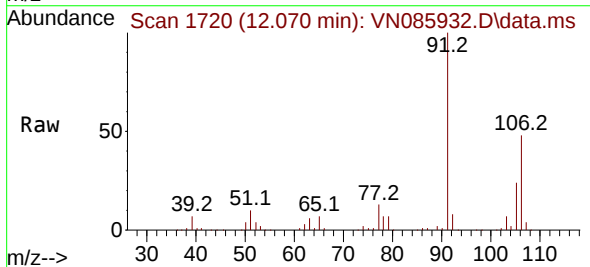
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBSD01

Tgt Ion: 91 Resp: 164011
Ion Ratio Lower Upper
91 100
106 30.3 24.7 37.1



#68
m/p-Xylenes
Concen: 39.747 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.005 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

Tgt Ion:106 Resp: 132245
Ion Ratio Lower Upper
106 100
91 202.4 163.3 244.9

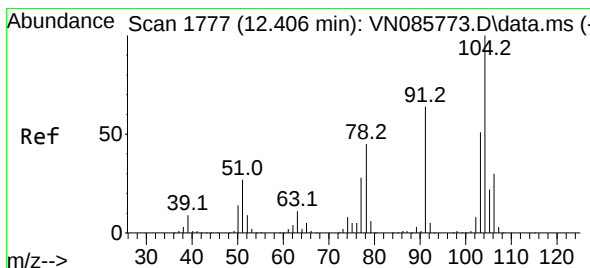
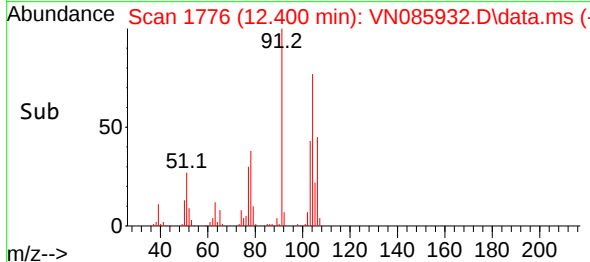
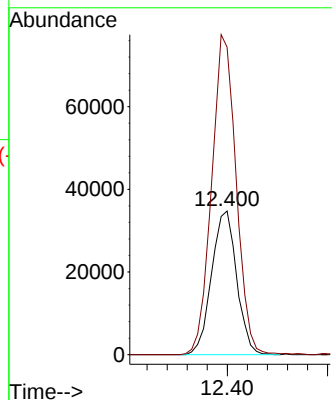
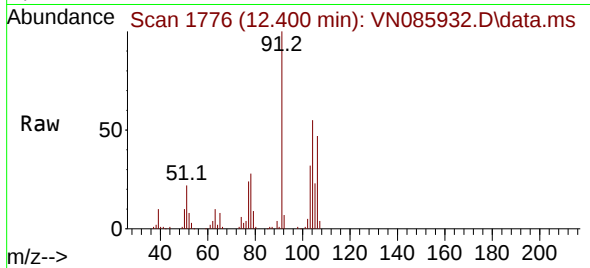




#69
o-Xylene
Concen: 19.107 ug/l
RT: 12.400 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

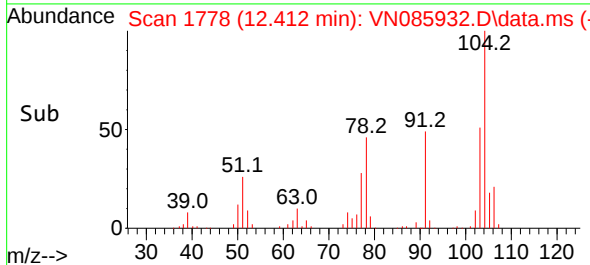
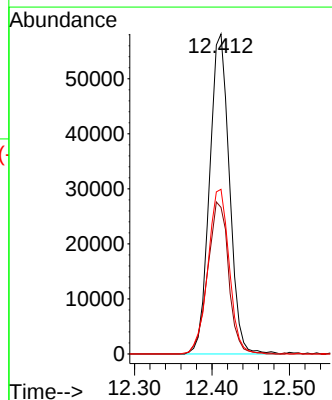
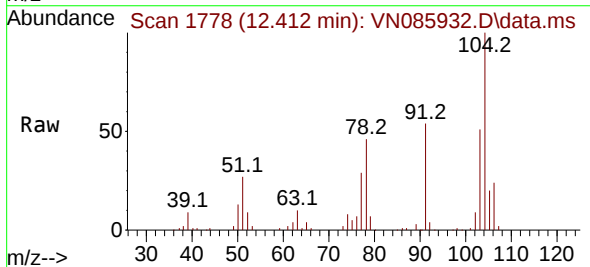
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBSD01

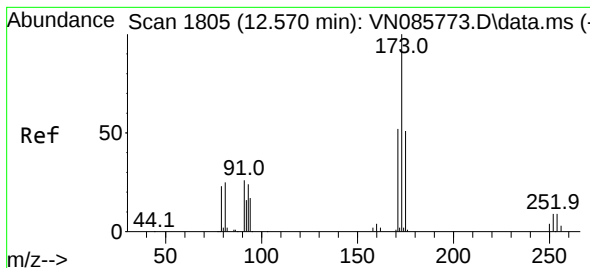
Tgt Ion:106 Resp: 60408
Ion Ratio Lower Upper
106 100
91 218.0 107.1 321.4



#70
Styrene
Concen: 19.049 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

Tgt Ion:104 Resp: 103470
Ion Ratio Lower Upper
104 100
78 50.1 39.0 58.6
103 55.0 43.3 64.9





#71

Bromoform

Concen: 20.475 ug/l

RT: 12.576 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085932.D

Acq: 11 Mar 2025 15:28

Instrument :

MSVOA_N

ClientSampleId :

VN0311WBSD01

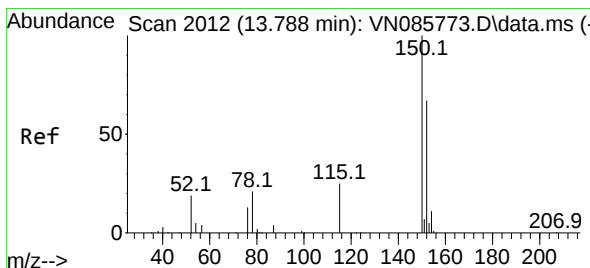
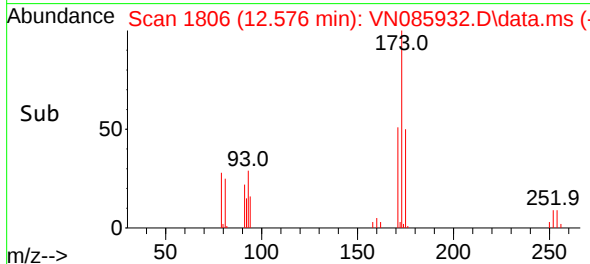
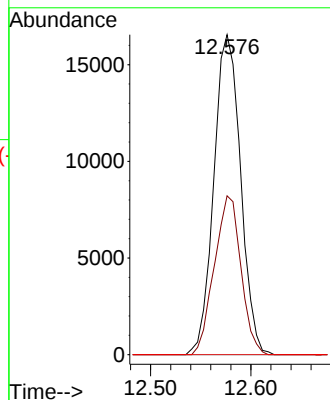
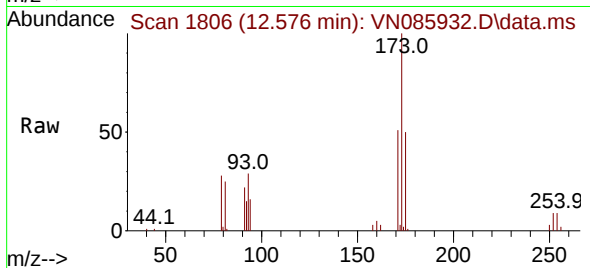
Tgt Ion:173 Resp: 30578

Ion Ratio Lower Upper

173 100

175 49.4 25.1 75.4

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.006 min

Lab File: VN085932.D

Acq: 11 Mar 2025 15:28

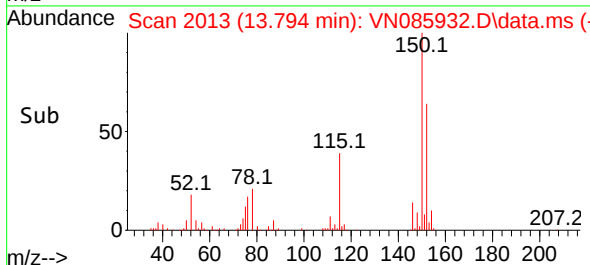
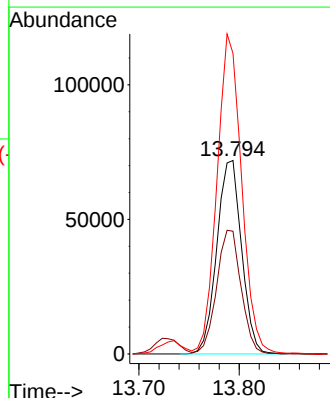
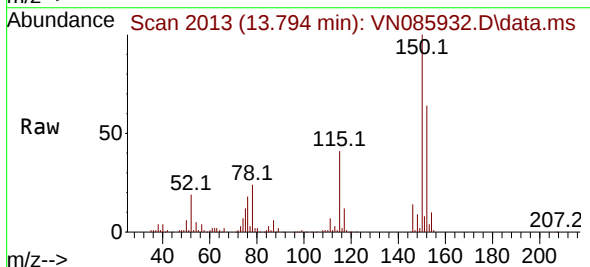
Tgt Ion:152 Resp: 123338

Ion Ratio Lower Upper

152 100

115 63.2 30.4 91.3

150 164.5 0.0 345.4

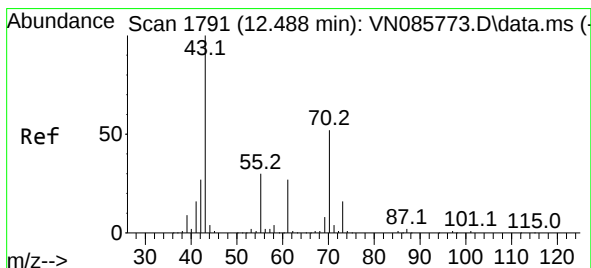
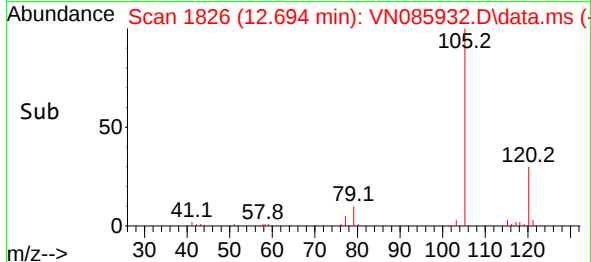
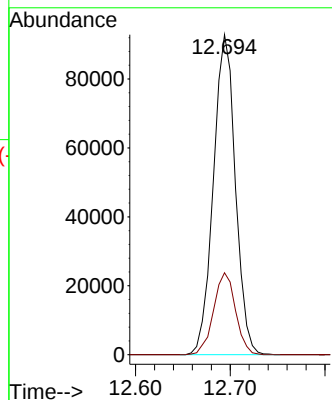
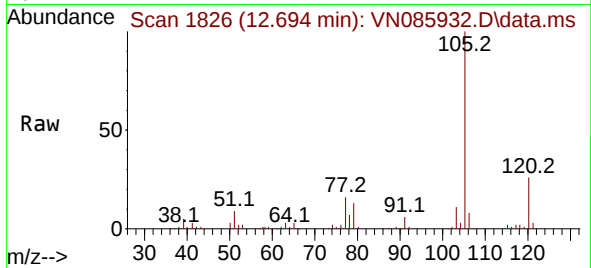




#73
Isopropylbenzene
Concen: 17.740 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

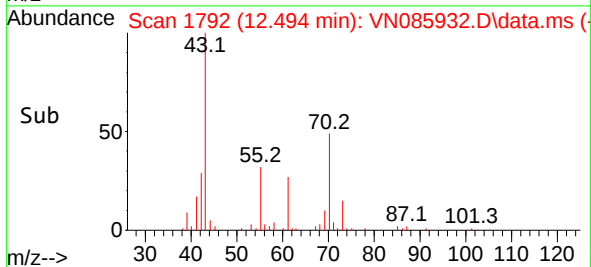
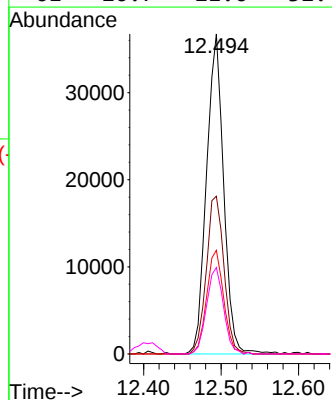
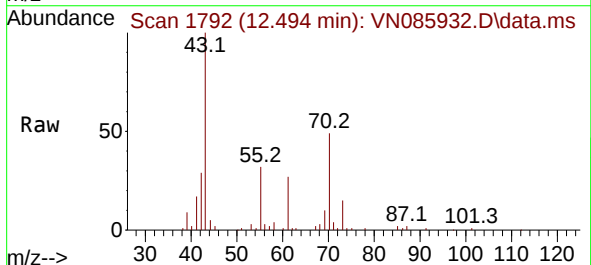
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBSD01

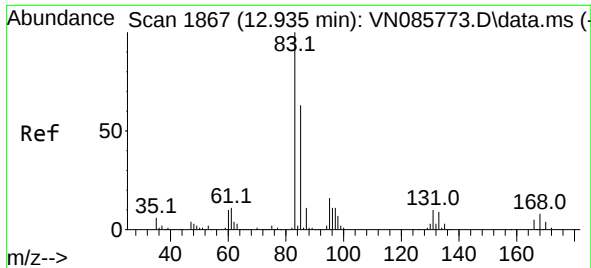
Tgt Ion:105 Resp: 149903
Ion Ratio Lower Upper
105 100
120 25.5 13.0 39.0



#74
N-ethyl acetate
Concen: 18.975 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

Tgt Ion: 43 Resp: 56542
Ion Ratio Lower Upper
43 100
70 50.7 41.0 61.4
55 32.1 24.6 36.8
61 26.7 21.6 32.4

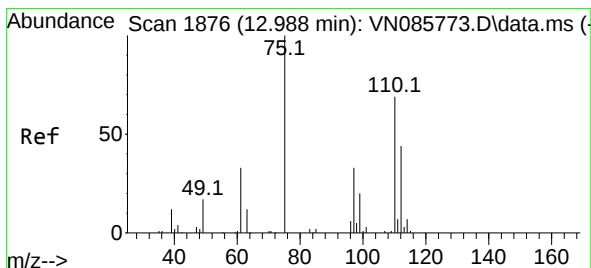
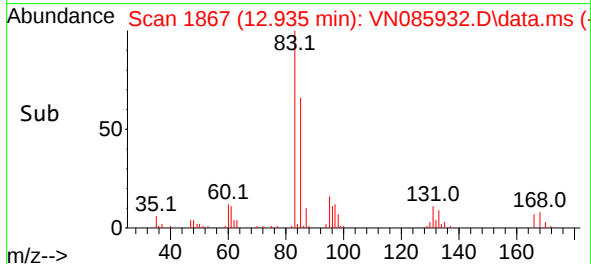
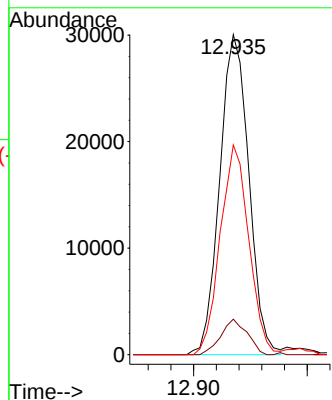
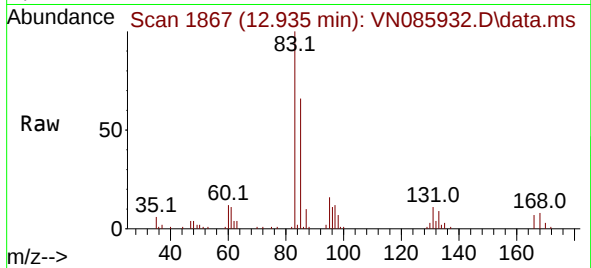




#75
1,1,2,2-Tetrachloroethane
Concen: 18.378 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

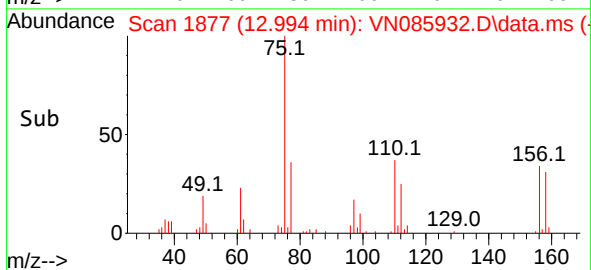
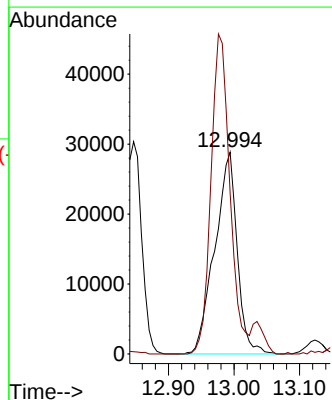
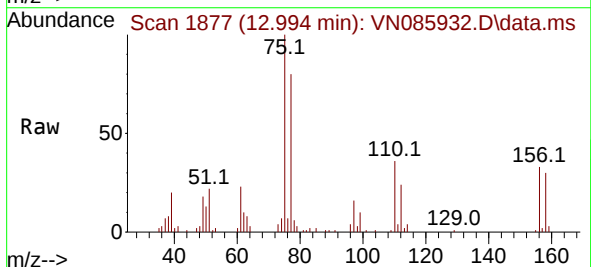
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBSD01

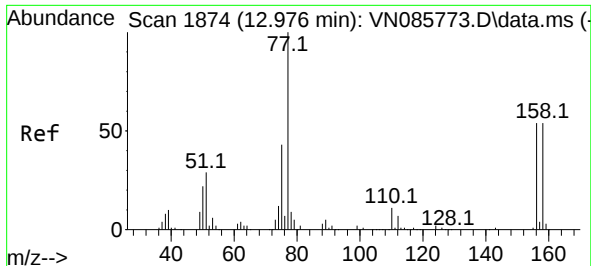
Tgt Ion: 83 Resp: 53436
Ion Ratio Lower Upper
83 100
131 10.0 5.0 15.0
85 64.4 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 24.953 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

Tgt Ion: 75 Resp: 68364
Ion Ratio Lower Upper
75 100
77 134.2 100.0 300.0

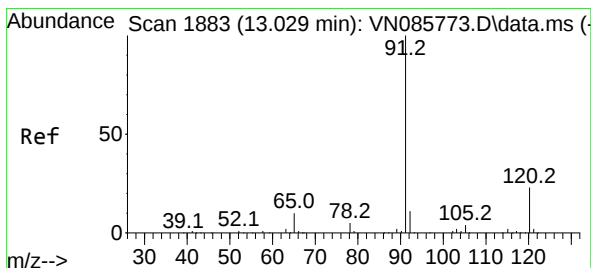
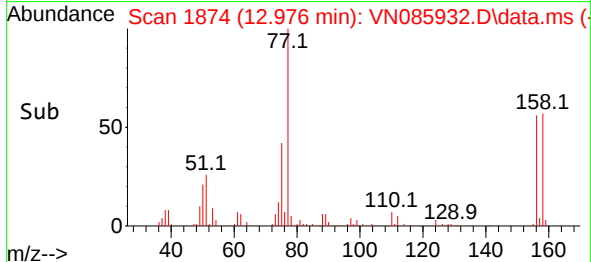
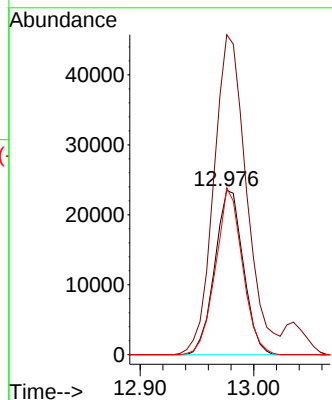
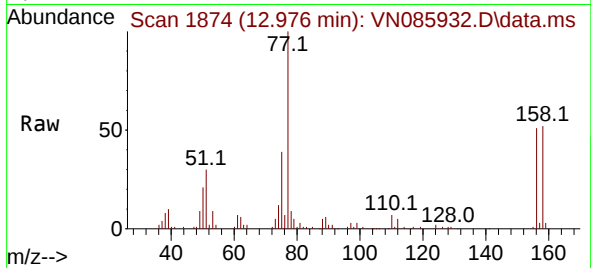




#77
Bromobenzene
Concen: 17.969 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

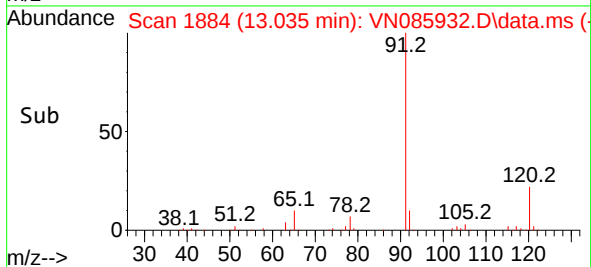
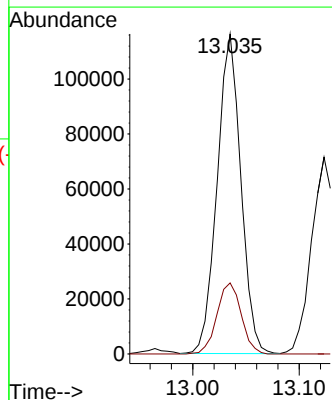
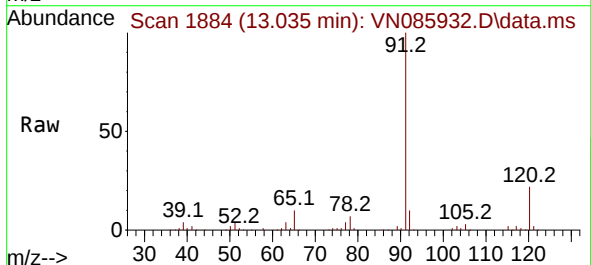
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBSD01

Tgt Ion:156 Resp: 41022
Ion Ratio Lower Upper
156 100
77 223.7 104.1 312.3
158 95.8 48.1 144.4



#78
n-propylbenzene
Concen: 18.544 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

Tgt Ion: 91 Resp: 179451
Ion Ratio Lower Upper
91 100
120 22.7 11.3 33.8

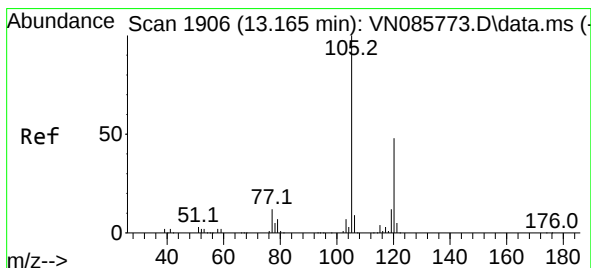
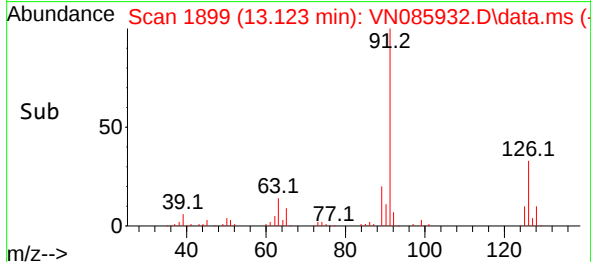
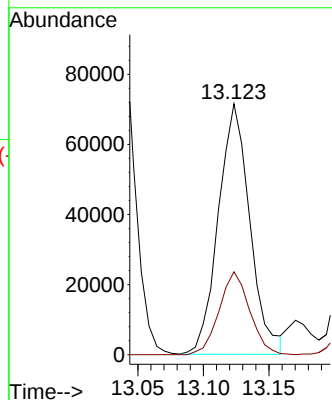
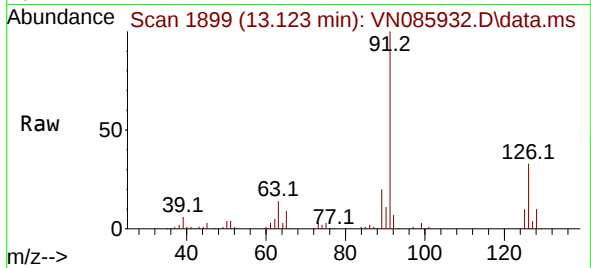




#79
2-Chlorotoluene
Concen: 18.546 ug/l
RT: 13.123 min Scan# 119913
Delta R.T. 0.006 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

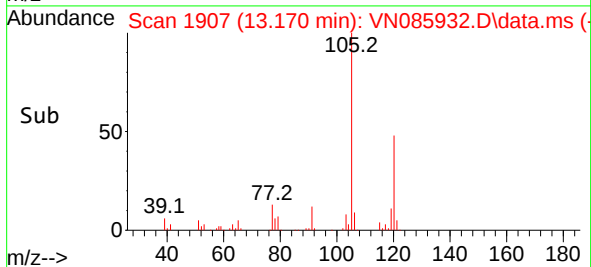
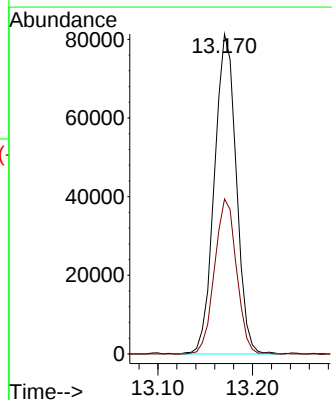
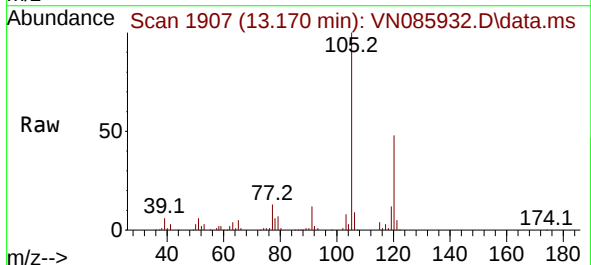
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBSD01

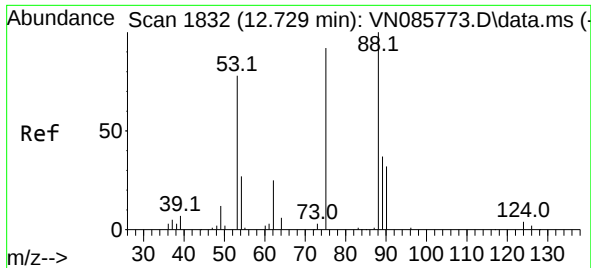
Tgt Ion: 91 Resp: 119913
Ion Ratio Lower Upper
91 100
126 31.8 16.4 49.1



#80
1,3,5-Trimethylbenzene
Concen: 18.953 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

Tgt Ion:105 Resp: 130459
Ion Ratio Lower Upper
105 100
120 48.7 24.3 72.9

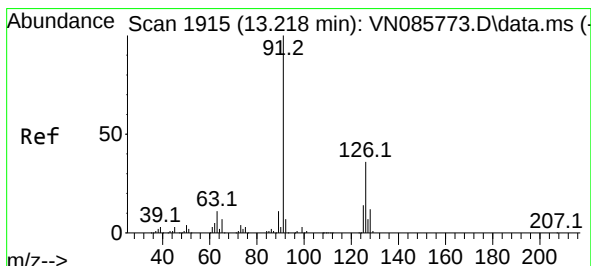
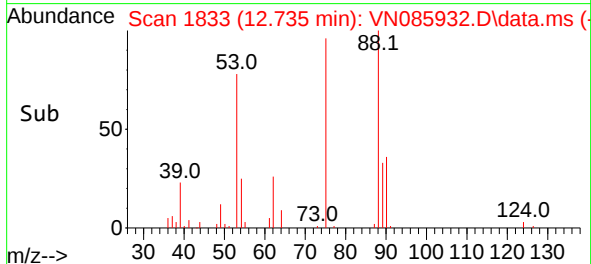
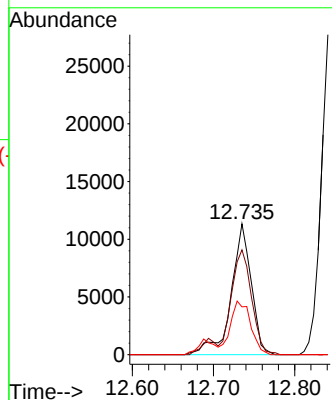
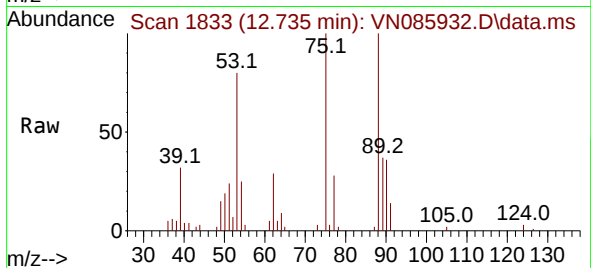




#81
trans-1,4-Dichloro-2-butene
Concen: 20.811 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.006 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

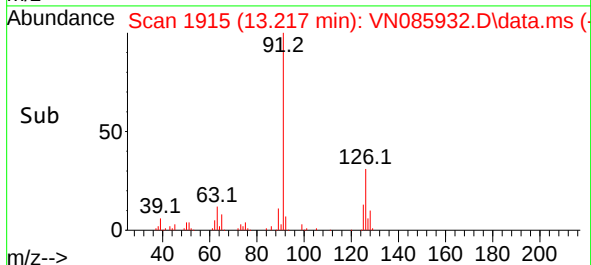
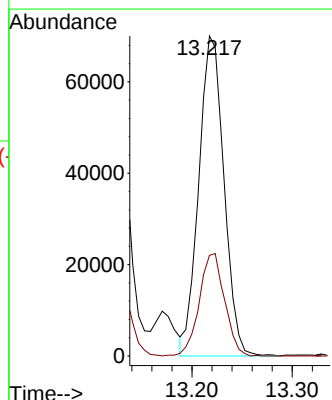
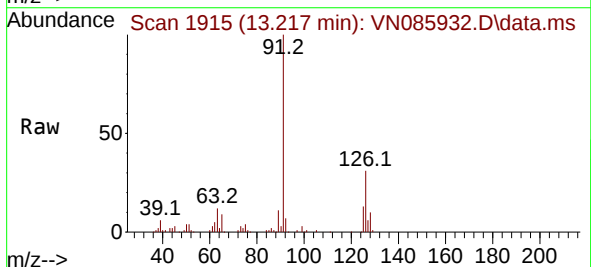
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBSD01

Tgt Ion: 75 Resp: 19541
Ion Ratio Lower Upper
75 100
53 79.8 74.2 111.4
89 41.2 34.9 52.3



#82
4-Chlorotoluene
Concen: 19.104 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

Tgt Ion: 91 Resp: 122450
Ion Ratio Lower Upper
91 100
126 32.2 16.4 49.4

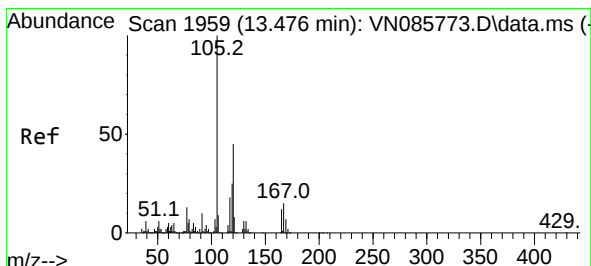
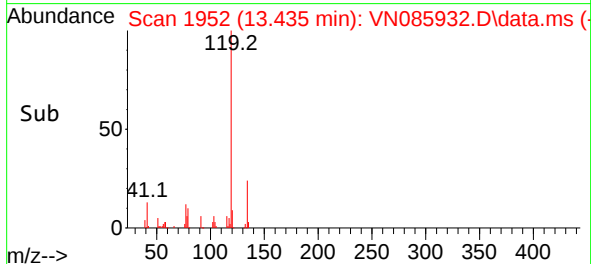
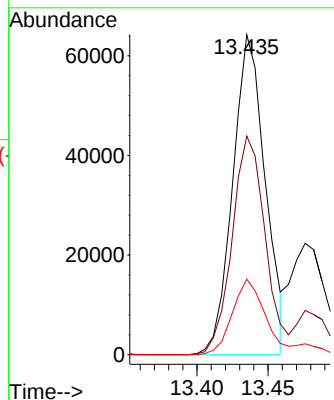
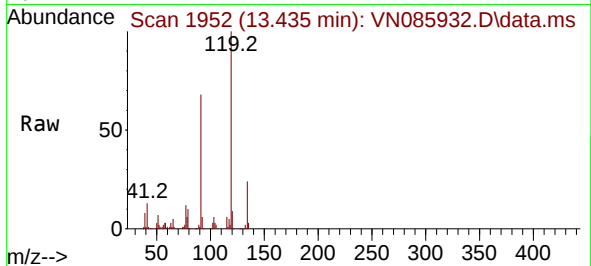




#83
 tert-Butylbenzene
 Concen: 17.635 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. -0.000 min
 Lab File: VN085932.D
 Acq: 11 Mar 2025 15:28

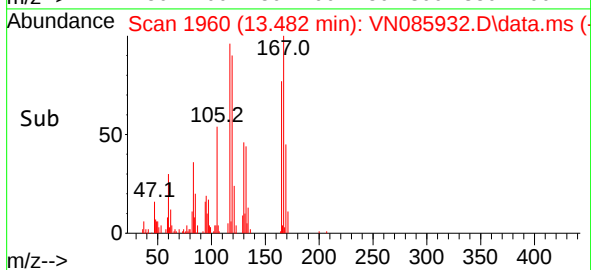
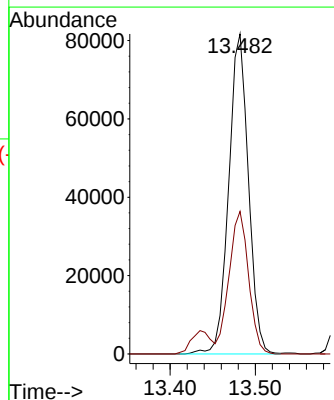
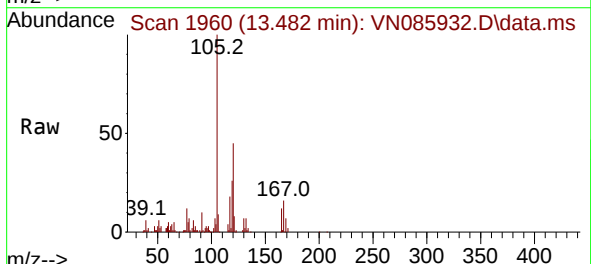
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0311WBSD01

Tgt Ion:119 Resp: 102074
 Ion Ratio Lower Upper
 119 100
 91 69.7 32.5 97.5
 134 26.3 13.3 39.9



#84
 1,2,4-Trimethylbenzene
 Concen: 19.302 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.006 min
 Lab File: VN085932.D
 Acq: 11 Mar 2025 15:28

Tgt Ion:105 Resp: 131448
 Ion Ratio Lower Upper
 105 100
 120 44.2 22.4 67.3

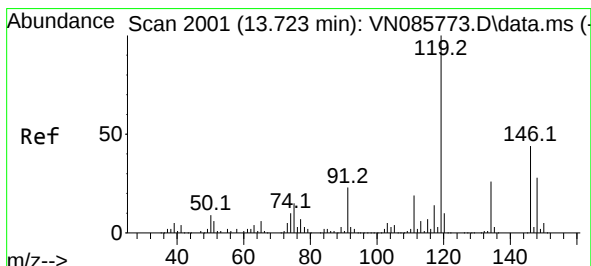
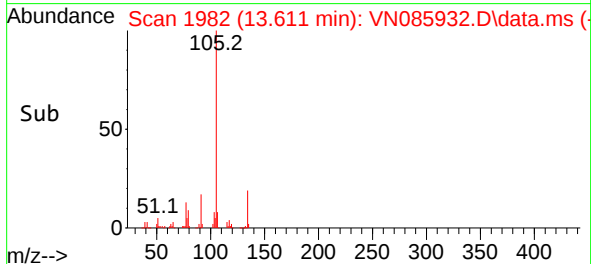
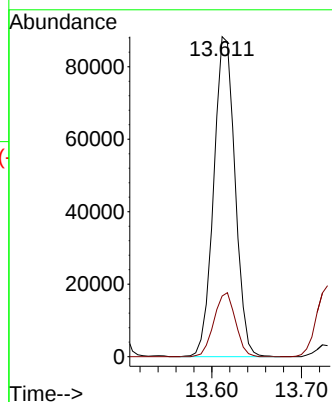
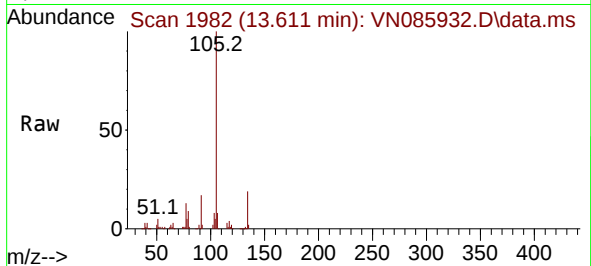




#85
 sec-Butylbenzene
 Concen: 17.821 ug/l
 RT: 13.611 min Scan# 1982
 Delta R.T. -0.001 min
 Lab File: VN085932.D
 Acq: 11 Mar 2025 15:28

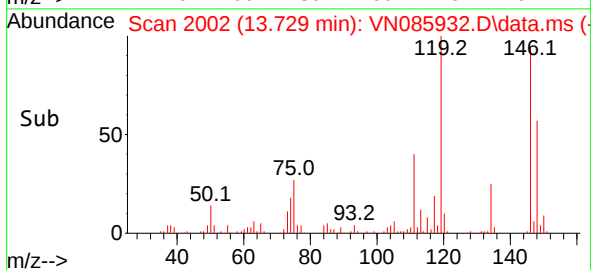
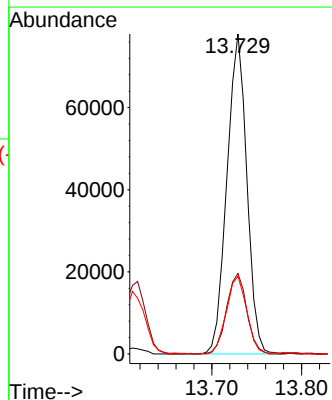
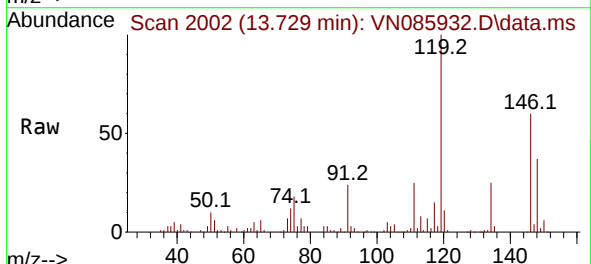
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0311WBSD01

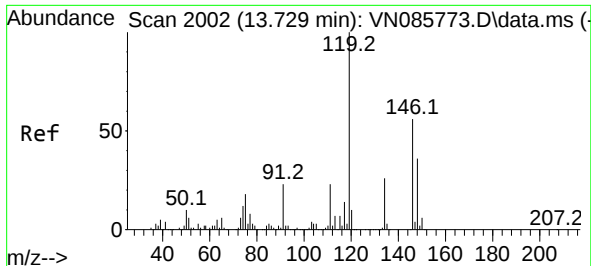
Tgt Ion:105 Resp: 145745
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 17.268 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.006 min
 Lab File: VN085932.D
 Acq: 11 Mar 2025 15:28

Tgt Ion:119 Resp: 119735
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.0 39.0
 91 24.9 11.7 35.1

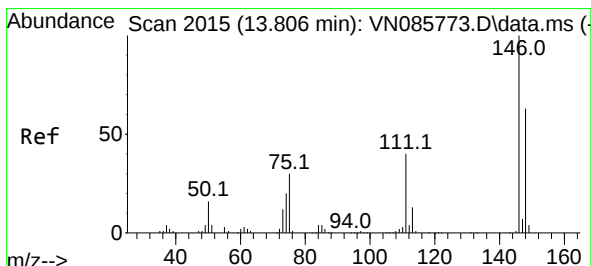
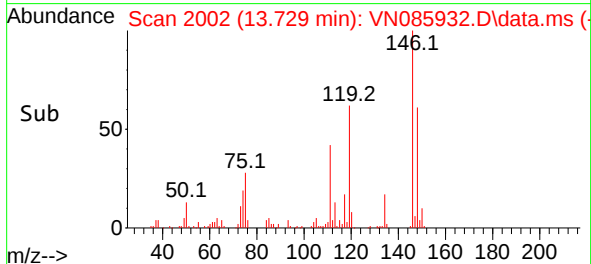
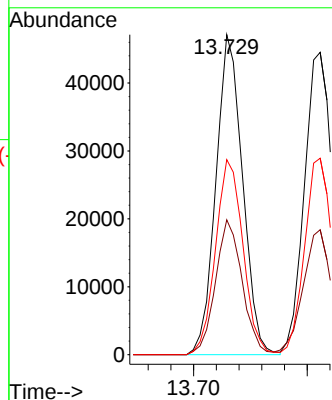
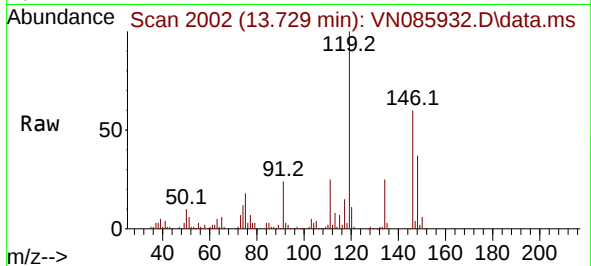




#87
 1,3-Dichlorobenzene
 Concen: 17.956 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN085932.D
 Acq: 11 Mar 2025 15:28

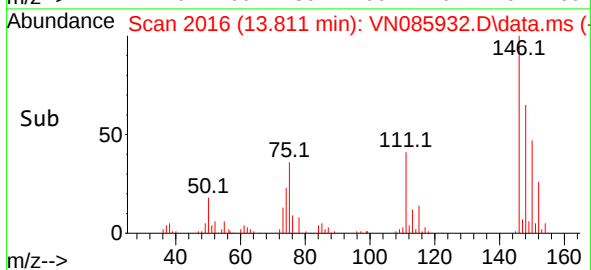
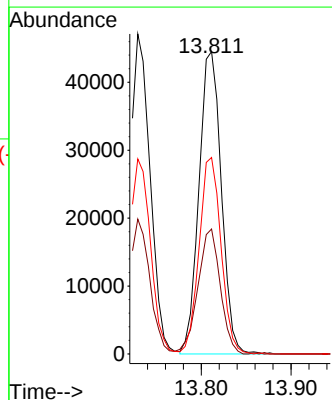
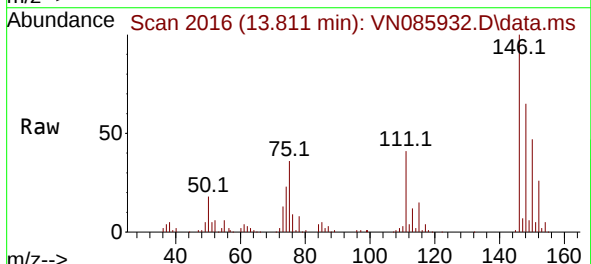
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0311WBSD01

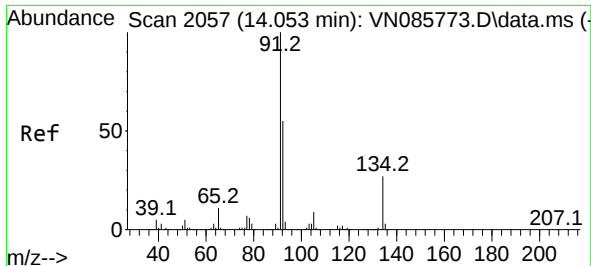
Tgt Ion:	146	Resp:	76798
Ion	Ratio	Lower	Upper
146	100		
111	42.3	21.1	63.3
148	63.0	32.1	96.5



#88
 1,4-Dichlorobenzene
 Concen: 17.586 ug/l
 RT: 13.811 min Scan# 2016
 Delta R.T. 0.006 min
 Lab File: VN085932.D
 Acq: 11 Mar 2025 15:28

Tgt Ion:	146	Resp:	77090
Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.4	61.3
148	63.7	31.8	95.4

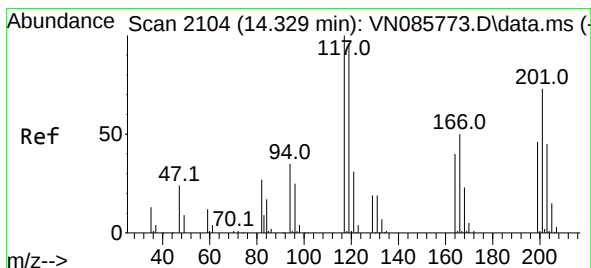
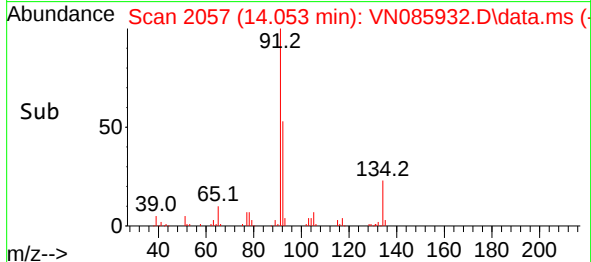
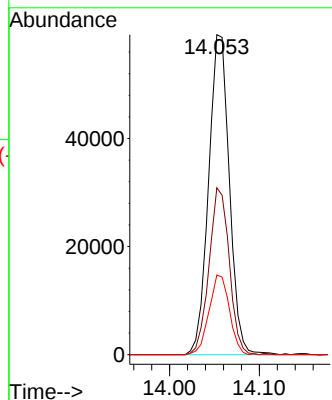
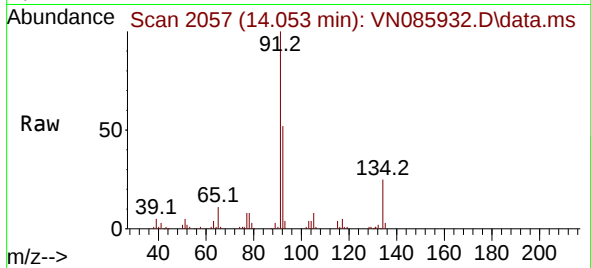




#89
n-Butylbenzene
Concen: 16.401 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

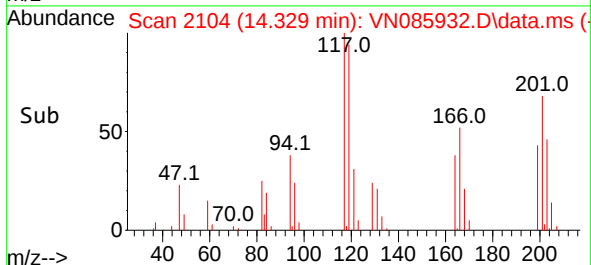
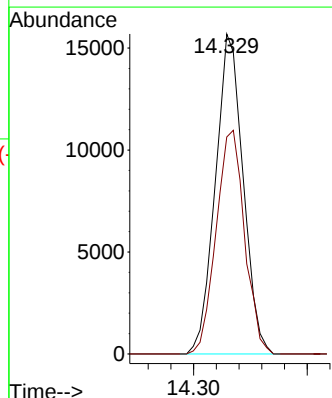
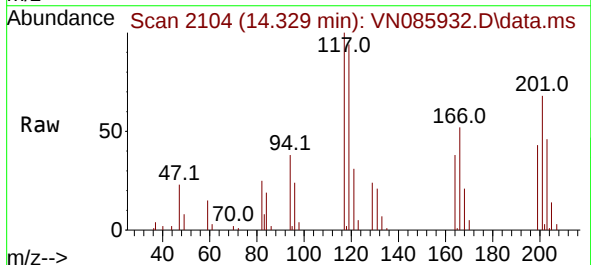
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBSD01

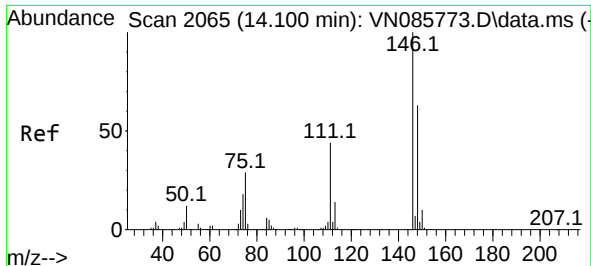
Tgt Ion:	91	Resp:	95229
Ion	Ratio	Lower	Upper
91	100		
92	50.8	27.1	81.3
134	24.4	12.7	38.1



#90
Hexachloroethane
Concen: 17.180 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN085932.D
Acq: 11 Mar 2025 15:28

Tgt Ion:	117	Resp:	26609
Ion	Ratio	Lower	Upper
117	100		
201	71.7	35.6	106.9





#91

1,2-Dichlorobenzene

Concen: 17.866 ug/l

RT: 14.106 min Scan# 2065

Delta R.T. 0.006 min

Lab File: VN085932.D

Acq: 11 Mar 2025 15:28

Instrument :

MSVOA_N

ClientSampleId :

VN0311WBSD01

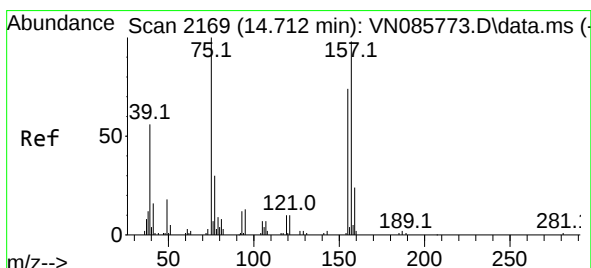
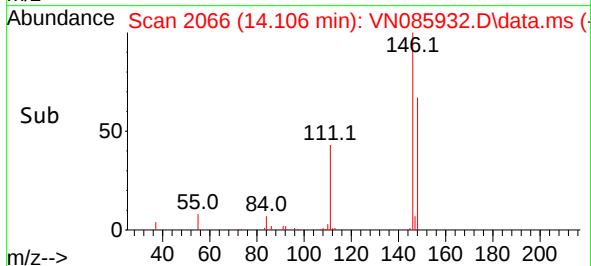
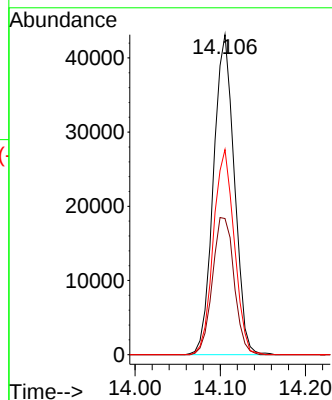
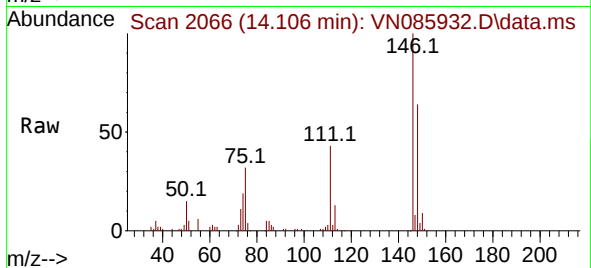
Tgt Ion:146 Resp: 73481

Ion Ratio Lower Upper

146 100

111 44.4 21.4 64.3

148 64.0 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.993 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. 0.006 min

Lab File: VN085932.D

Acq: 11 Mar 2025 15:28

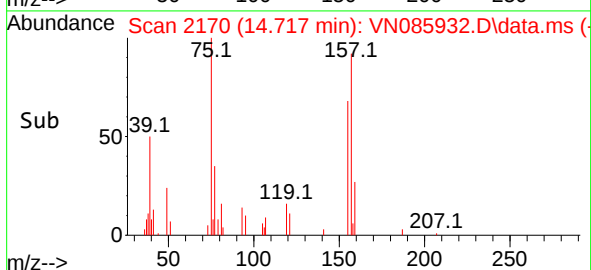
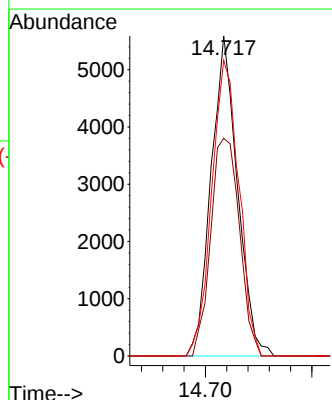
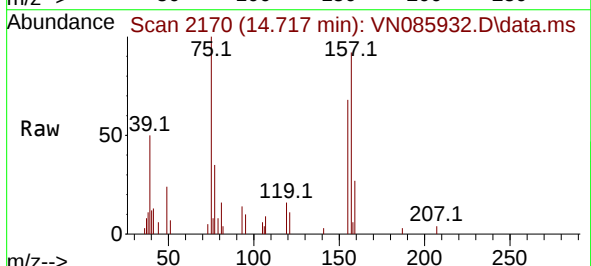
Tgt Ion: 75 Resp: 9607

Ion Ratio Lower Upper

75 100

155 74.1 39.9 119.6

157 95.1 49.9 149.7





#93

1,2,4-Trichlorobenzene

Concen: 16.098 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN085932.D

Acq: 11 Mar 2025 15:28

Instrument :

MSVOA_N

ClientSampleId :

VN0311WBSD01

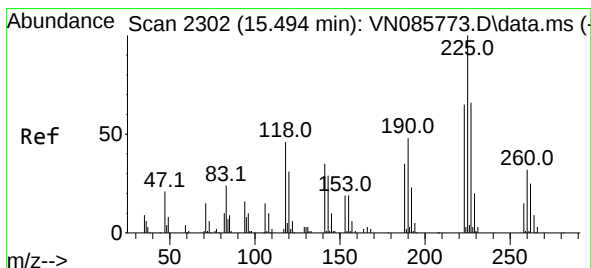
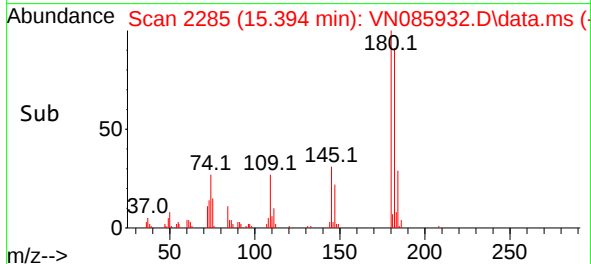
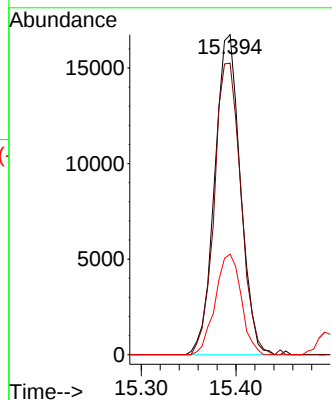
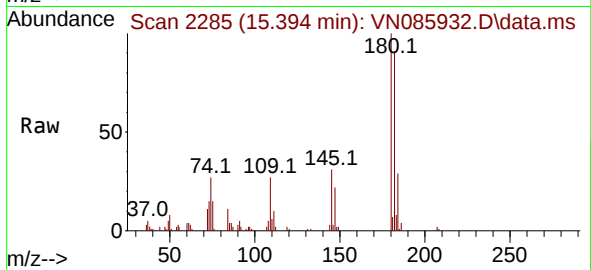
Tgt Ion:180 Resp: 31550

Ion Ratio Lower Upper

180 100

182 94.1 47.3 141.9

145 31.6 16.2 48.5



#94

Hexachlorobutadiene

Concen: 15.454 ug/l

RT: 15.494 min Scan# 2302

Delta R.T. -0.000 min

Lab File: VN085932.D

Acq: 11 Mar 2025 15:28

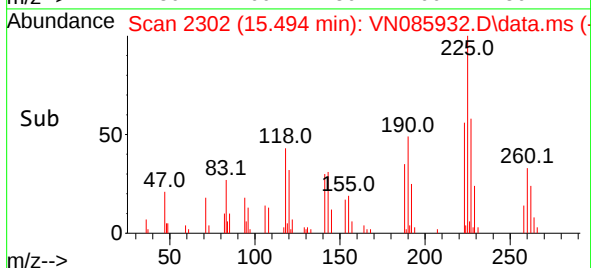
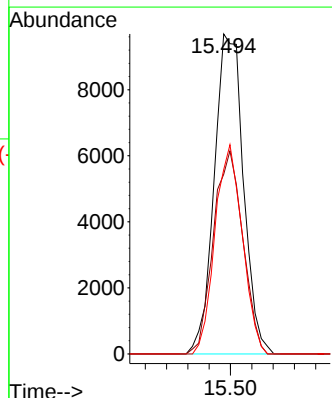
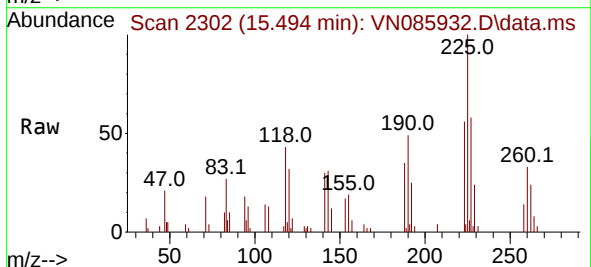
Tgt Ion:225 Resp: 18407

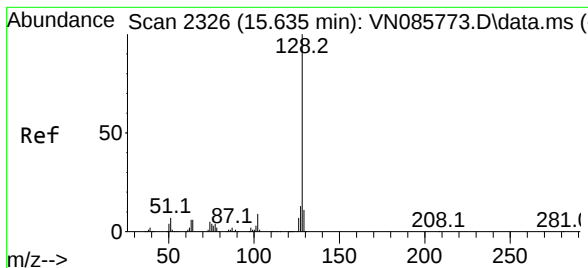
Ion Ratio Lower Upper

225 100

223 63.9 31.9 95.5

227 61.2 32.2 96.6





#95

Naphthalene

Concen: 15.252 ug/l

RT: 15.635 min Scan# 2326

Delta R.T. -0.000 min

Lab File: VN085932.D

Acq: 11 Mar 2025 15:28

Instrument :

MSVOA_N

ClientSampleId :

VN0311WBSD01

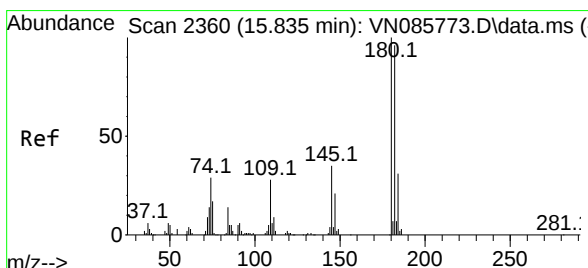
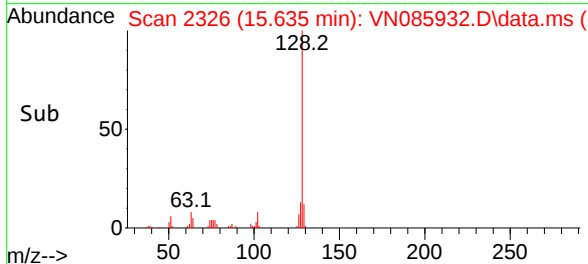
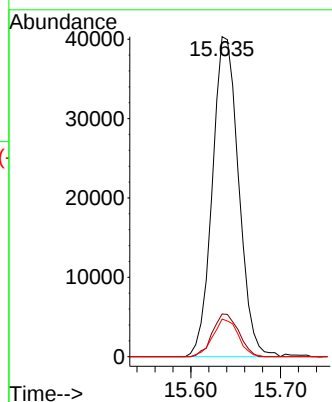
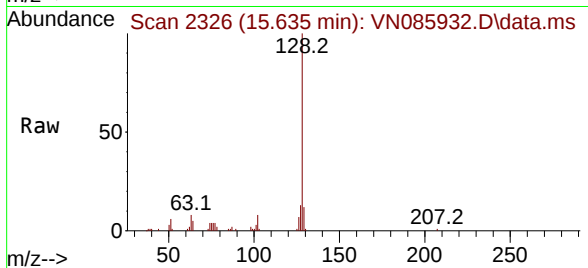
Tgt Ion:128 Resp: 82066

Ion Ratio Lower Upper

128 100

127 13.3 10.2 15.2

129 11.3 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 15.845 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN085932.D

Acq: 11 Mar 2025 15:28

Tgt Ion:180 Resp: 31176

Ion Ratio Lower Upper

180 100

182 95.6 47.3 141.8

145 35.1 16.9 50.6

