

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091624\
 Data File : VN083929.D
 Acq On : 16 Sep 2024 19:51
 Operator : JC\MD
 Sample : VSTDECC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDECC050EC

Quant Time: Sep 17 02:39:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	144974	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	253370	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	225423	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	110471	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	107148	49.015	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.040%
35) Dibromofluoromethane	8.165	113	76548	47.192	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.380%
50) Toluene-d8	10.565	98	277095	49.415	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.840%
62) 4-Bromofluorobenzene	12.847	95	106867	46.193	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	92.380%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	79712	47.345	ug/l	97
3) Chloromethane	2.359	50	80812	46.888	ug/l	96
4) Vinyl Chloride	2.512	62	85446	46.301	ug/l	98
5) Bromomethane	2.942	94	52858	49.886	ug/l	97
6) Chloroethane	3.112	64	56472	43.624	ug/l	97
7) Trichlorofluoromethane	3.501	101	144999	46.288	ug/l	99
8) Diethyl Ether	3.959	74	51471	49.018	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	79408	47.826	ug/l	99
10) Methyl Iodide	4.589	142	102176	48.387	ug/l	92
11) Tert butyl alcohol	5.518	59	92804	317.034	ug/l	100
12) 1,1-Dichloroethene	4.342	96	73964	47.170	ug/l	97
13) Acrolein	4.177	56	73267	253.674	ug/l	94
14) Allyl chloride	5.024	41	123990	44.377	ug/l	92
15) Acrylonitrile	5.718	53	211624	265.835	ug/l	99
16) Acetone	4.430	43	192737	219.940	ug/l	94
17) Carbon Disulfide	4.712	76	185815	42.363	ug/l	99
18) Methyl Acetate	5.024	43	104170	57.325	ug/l	99
19) Methyl tert-butyl Ether	5.795	73	287245	50.623	ug/l	98
20) Methylene Chloride	5.271	84	84987	47.392	ug/l	97
21) trans-1,2-Dichloroethene	5.783	96	77085	45.871	ug/l	89
22) Diisopropyl ether	6.671	45	291276	50.642	ug/l	98
23) Vinyl Acetate	6.600	43	1088771	258.492	ug/l	99
24) 1,1-Dichloroethane	6.571	63	160371	48.397	ug/l	99
25) 2-Butanone	7.483	43	300410	260.823	ug/l	99
26) 2,2-Dichloropropane	7.489	77	133203	43.650	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	97216	48.733	ug/l	99
28) Bromochloromethane	7.812	49	72251	51.776	ug/l	96
29) Tetrahydrofuran	7.836	42	191183	280.723	ug/l	97
30) Chloroform	7.965	83	171683	48.803	ug/l	96
31) Cyclohexane	8.259	56	132024	41.788	ug/l	96
32) 1,1,1-Trichloroethane	8.171	97	156650	48.428	ug/l	97
36) 1,1-Dichloropropene	8.371	75	115120	47.153	ug/l	99
37) Ethyl Acetate	7.559	43	118010	53.252	ug/l	99
38) Carbon Tetrachloride	8.365	117	136501	49.283	ug/l	97
39) Methylcyclohexane	9.600	83	125031	44.993	ug/l	98
40) Benzene	8.606	78	350934	47.757	ug/l	98

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 ALS Vial : 26 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VSTDC0050EC

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	69222	52.813	ug/l	99
42) 1,2-Dichloroethane	8.671	62	138243	50.347	ug/l	98
43) Isopropyl Acetate	8.688	43	223276	55.599	ug/l	100
44) Trichloroethene	9.353	130	82205	48.308	ug/l	97
45) 1,2-Dichloropropane	9.624	63	87150	49.070	ug/l	98
46) Dibromomethane	9.706	93	63287	50.874	ug/l	98
47) Bromodichloromethane	9.888	83	140309	52.115	ug/l	98
48) Methyl methacrylate	9.677	41	103243	54.188	ug/l	98
49) 1,4-Dioxane	9.694	88	35527	1133.499	ug/l #	98
51) 4-Methyl-2-Pentanone	10.441	43	634420	290.218	ug/l	98
52) Toluene	10.630	92	222846	49.579	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	139265	51.033	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	145228	50.663	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	84715	50.485	ug/l	98
56) Ethyl methacrylate	10.871	69	145237	56.256	ug/l	95
57) 1,3-Dichloropropane	11.159	76	147766	51.237	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	303337	326.081	ug/l	97
59) 2-Hexanone	11.194	43	462655	286.111	ug/l	98
60) Dibromochloromethane	11.359	129	102381	54.517	ug/l	99
61) 1,2-Dibromoethane	11.471	107	84707	50.616	ug/l	99
64) Tetrachloroethene	11.106	164	69750	46.527	ug/l	96
65) Chlorobenzene	11.888	112	236222	47.149	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	87718	50.504	ug/l	99
67) Ethyl Benzene	11.965	91	434446	48.813	ug/l	100
68) m/p-Xylenes	12.071	106	325079	98.380	ug/l	99
69) o-Xylene	12.394	106	157675	49.292	ug/l	98
70) Styrene	12.412	104	271374	51.693	ug/l	99
71) Bromoform	12.576	173	64772	55.341	ug/l #	100
73) Isopropylbenzene	12.694	105	418260	48.938	ug/l	99
74) N-amyl acetate	12.494	43	196039	53.761	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	123271	49.089	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	164137	73.634	ug/l	62
77) Bromobenzene	12.976	156	94643	46.004	ug/l	98
78) n-propylbenzene	13.035	91	491108	49.386	ug/l	99
79) 2-Chlorotoluene	13.123	91	303190	47.807	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	350788	48.682	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	48025	56.427	ug/l	92
82) 4-Chlorotoluene	13.223	91	307538	48.323	ug/l	100
83) tert-Butylbenzene	13.435	119	306244	48.578	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	353893	48.892	ug/l	100
85) sec-Butylbenzene	13.618	105	415194	49.660	ug/l	100
86) p-Isopropyltoluene	13.729	119	348047	49.660	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	179636	46.267	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	179342	45.617	ug/l	99
89) n-Butylbenzene	14.053	91	305043	48.476	ug/l	99
90) Hexachloroethane	14.335	117	64543	45.812	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	175924	46.949	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	27236	54.408	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	87448	43.490	ug/l	99
94) Hexachlorobutadiene	15.500	225	38395	44.962	ug/l	98
95) Naphthalene	15.641	128	308363	50.407	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	86414	44.967	ug/l	99

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Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Quant Time: Sep 17 02:39:03 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration

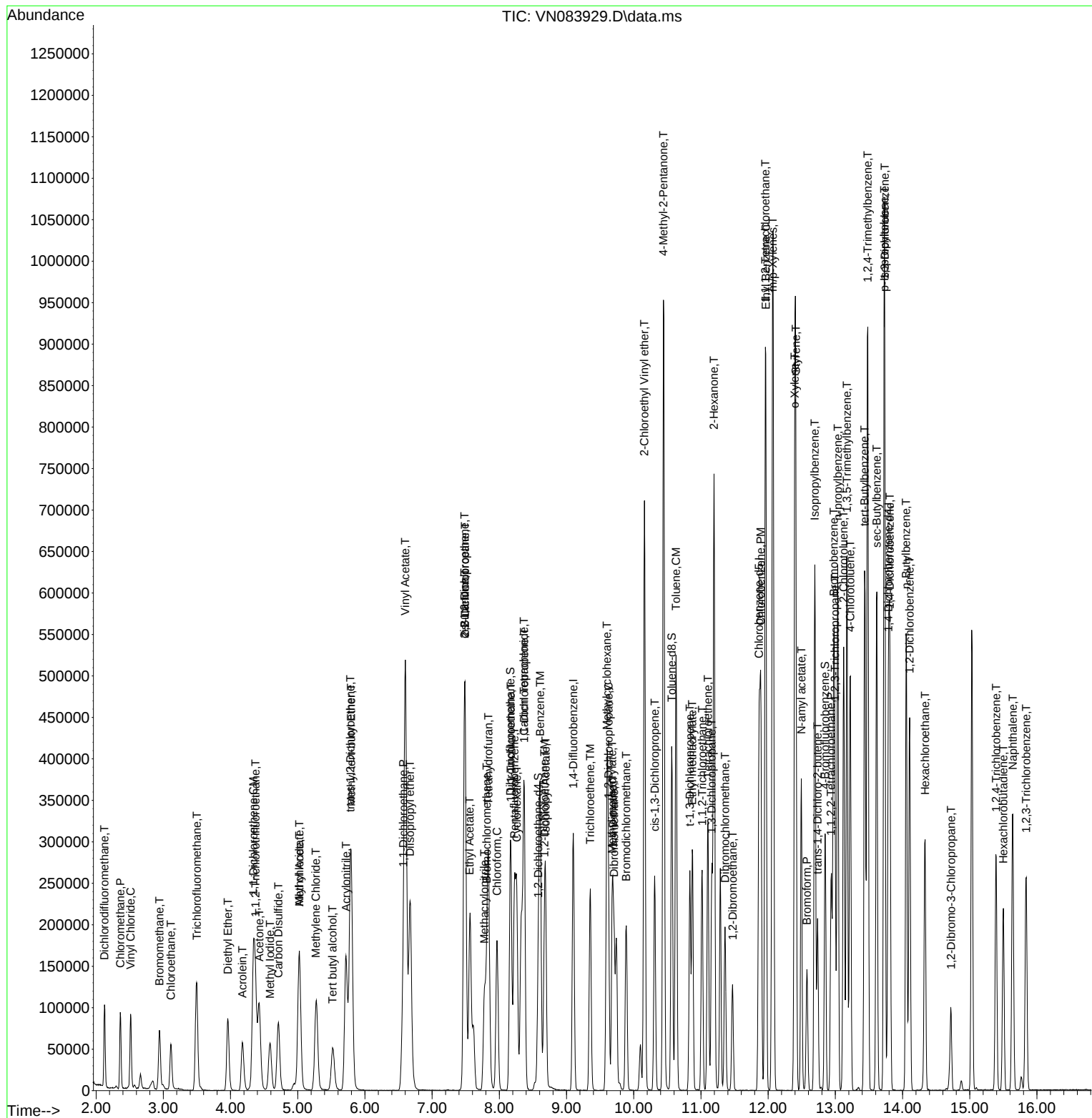
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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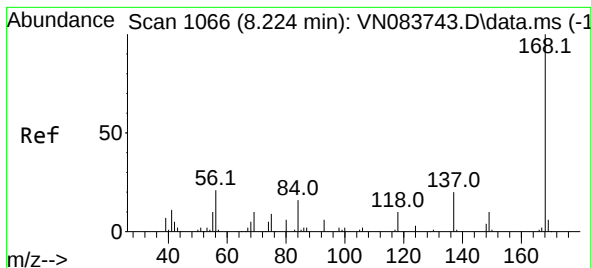
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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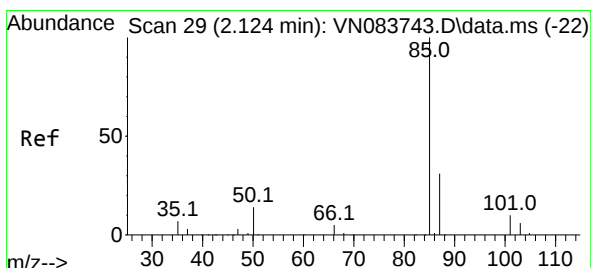
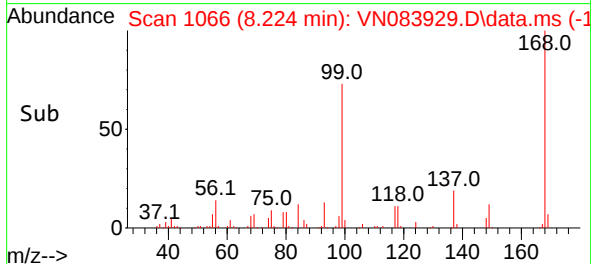
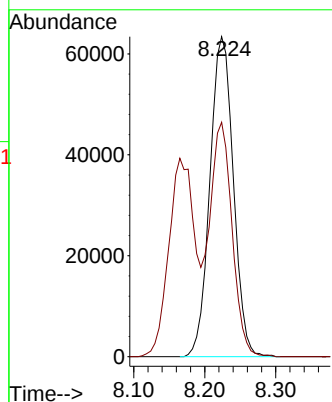
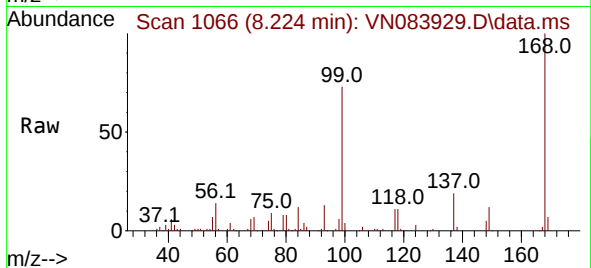




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083929.D
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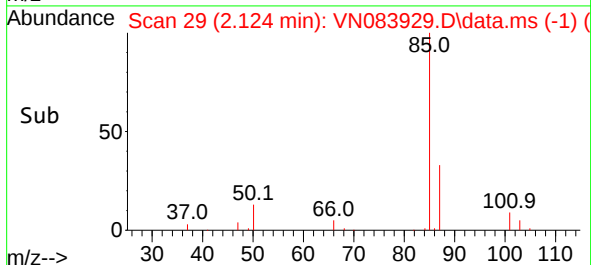
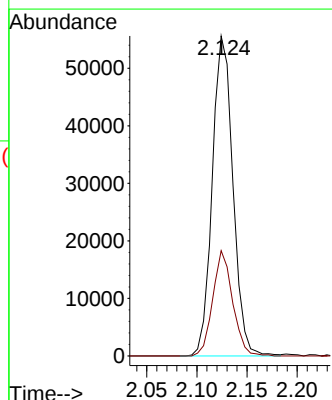
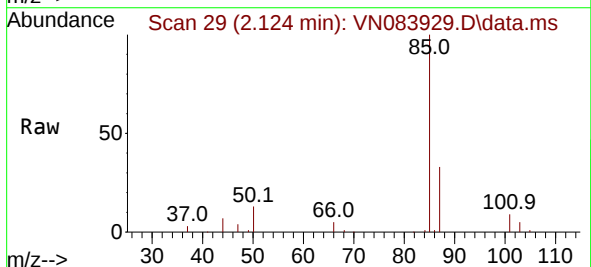
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

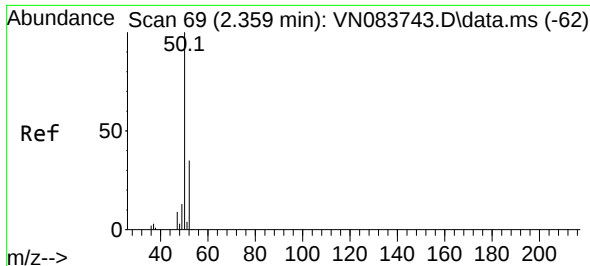
Tgt Ion:168 Resp: 144974
Ion Ratio Lower Upper
168 100
99 73.3 54.2 81.2



#2
Dichlorodifluoromethane
Concen: 47.345 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN083929.D
Acq: 16 Sep 2024 19:51

Tgt Ion: 85 Resp: 79712
Ion Ratio Lower Upper
85 100
87 32.9 15.7 47.0

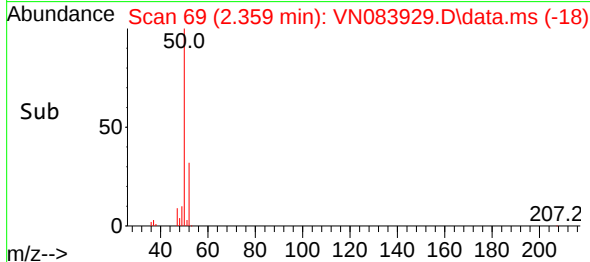
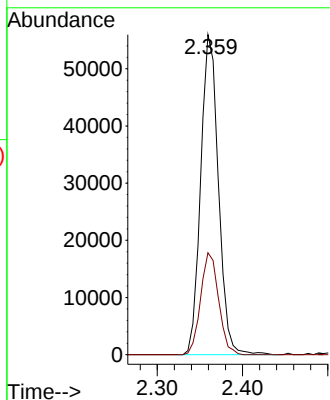
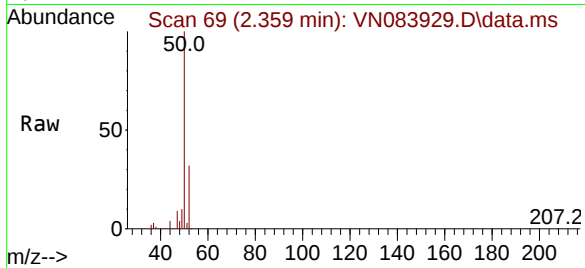




#3
Chloromethane
Concen: 46.888 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083929.D
Acq: 16 Sep 2024 19:51

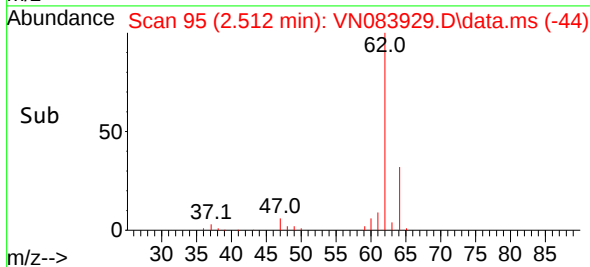
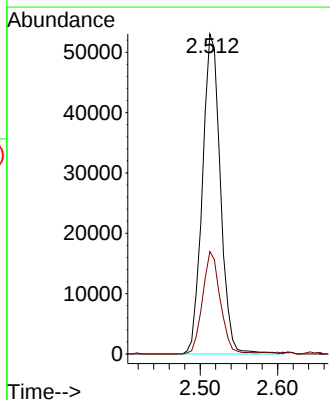
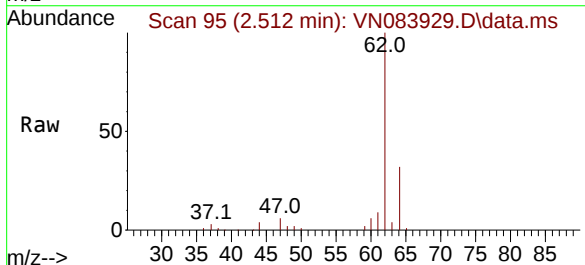
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 80812
Ion Ratio Lower Upper
50 100
52 31.8 27.2 40.8



#4
Vinyl Chloride
Concen: 46.301 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN083929.D
Acq: 16 Sep 2024 19:51

Tgt Ion: 62 Resp: 85446
Ion Ratio Lower Upper
62 100
64 32.0 24.7 37.1

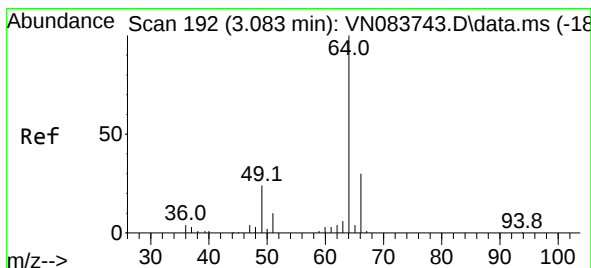
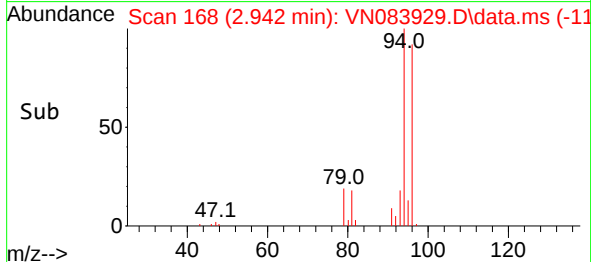
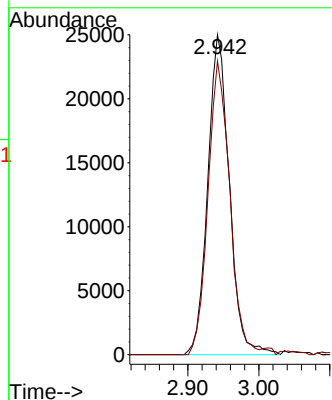
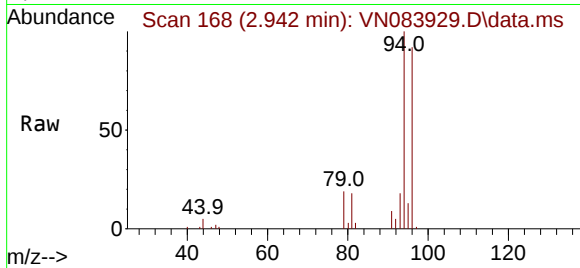




#5
Bromomethane
Concen: 49.886 ug/l
RT: 2.942 min Scan# 11
Delta R.T. 0.035 min
Lab File: VN083929.D
Acq: 16 Sep 2024 19:51

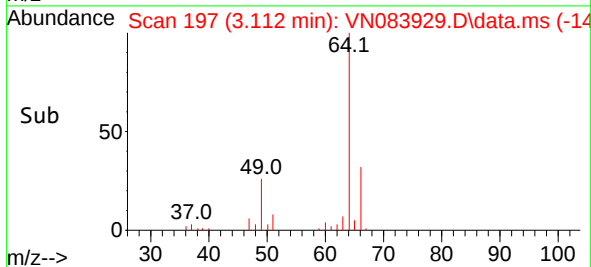
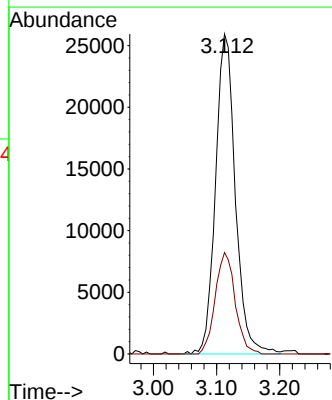
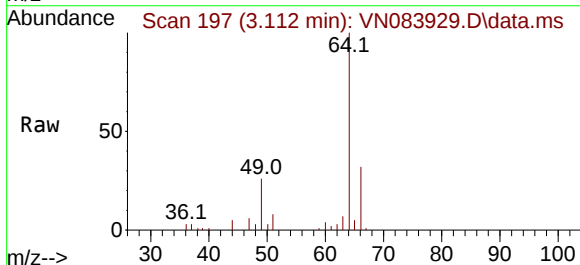
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 94 Resp: 52858
Ion Ratio Lower Upper
94 100
96 91.7 76.0 114.0



#6
Chloroethane
Concen: 43.624 ug/l
RT: 3.112 min Scan# 197
Delta R.T. 0.029 min
Lab File: VN083929.D
Acq: 16 Sep 2024 19:51

Tgt Ion: 64 Resp: 56472
Ion Ratio Lower Upper
64 100
66 31.7 23.9 35.9

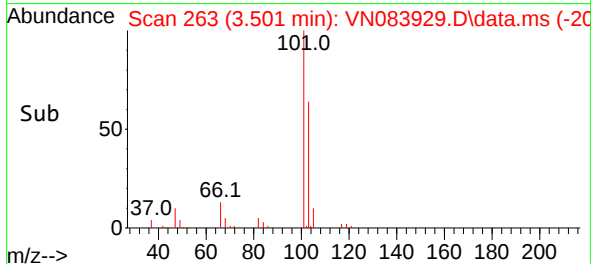
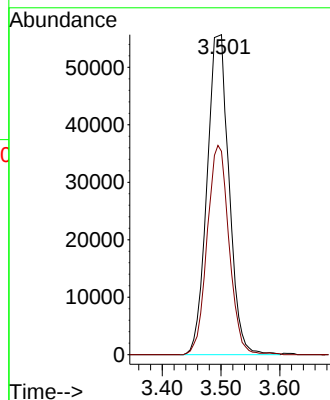
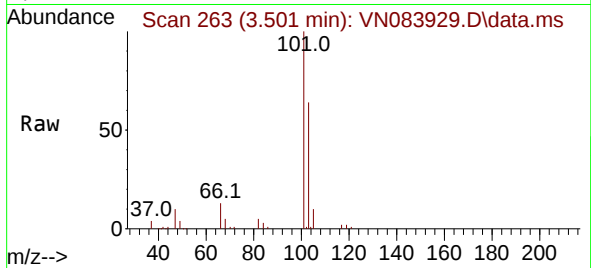




#7
Trichlorofluoromethane
Concen: 46.288 ug/l
RT: 3.501 min Scan# 20
Delta R.T. 0.029 min
Lab File: VN083929.D
Acq: 16 Sep 2024 19:51

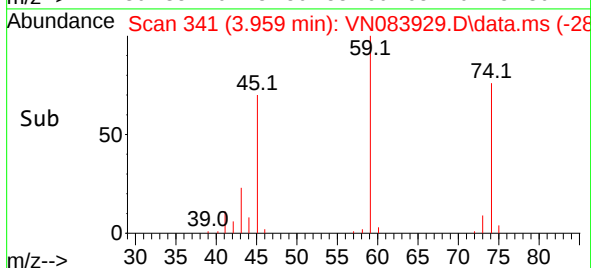
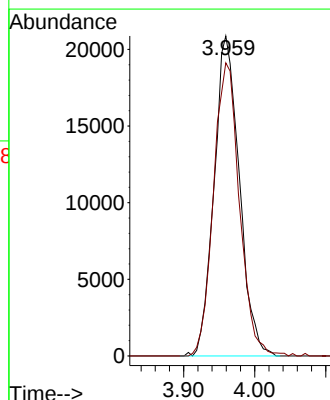
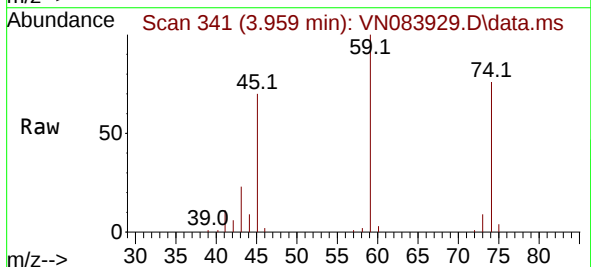
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 144999
Ion Ratio Lower Upper
101 100
103 63.6 51.4 77.0



#8
Diethyl Ether
Concen: 49.018 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.006 min
Lab File: VN083929.D
Acq: 16 Sep 2024 19:51

Tgt Ion: 74 Resp: 51471
Ion Ratio Lower Upper
74 100
45 94.4 46.7 140.1

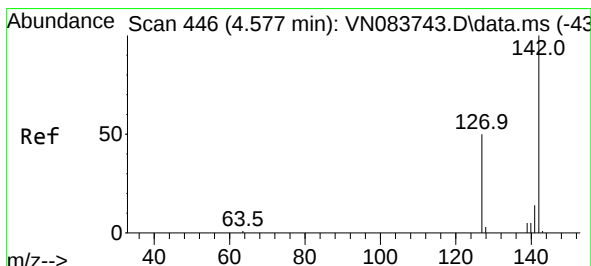
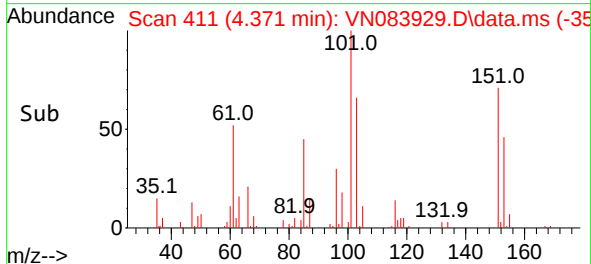
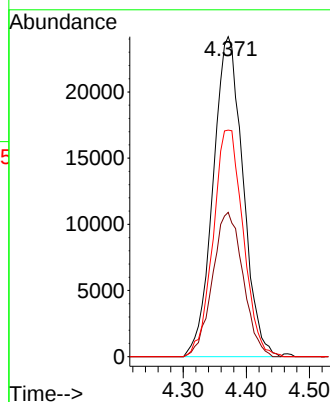
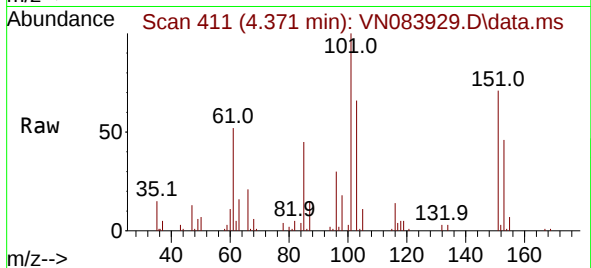




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.826 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.018 min
Lab File: VN083929.D
Acq: 16 Sep 2024 19:51

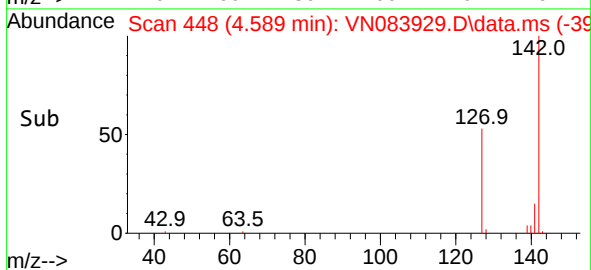
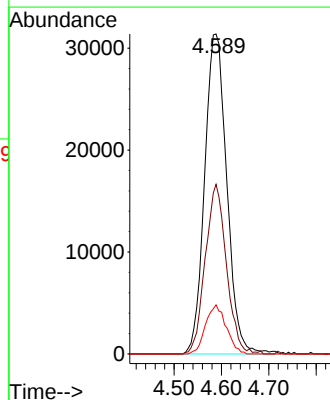
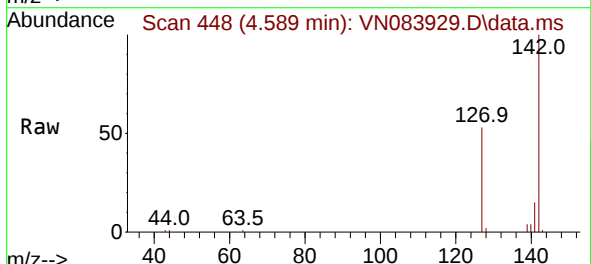
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VSTDCCC050EC

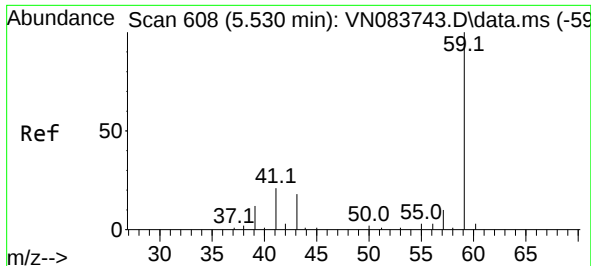
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Ion Ratio Lower Upper
101 100
85 46.1 36.2 54.4
151 71.2 57.7 86.5



#10
Methyl Iodide
Concen: 48.387 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.012 min
Lab File: VN083929.D
Acq: 16 Sep 2024 19:51

Tgt Ion:142 Resp: 102176
Ion Ratio Lower Upper
142 100
127 53.0 37.5 56.3
141 15.4 11.0 16.4

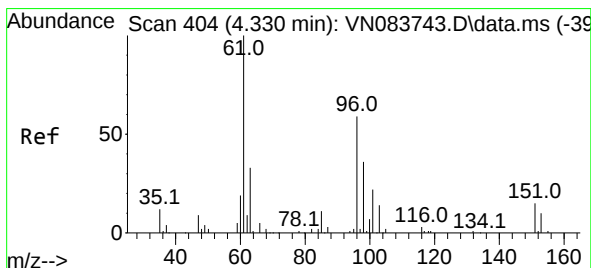
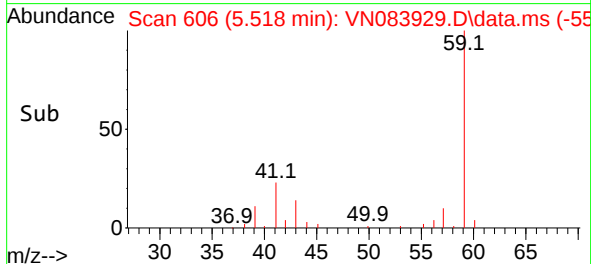
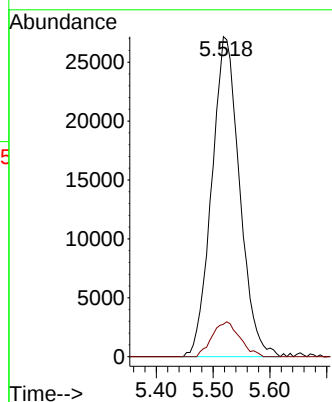
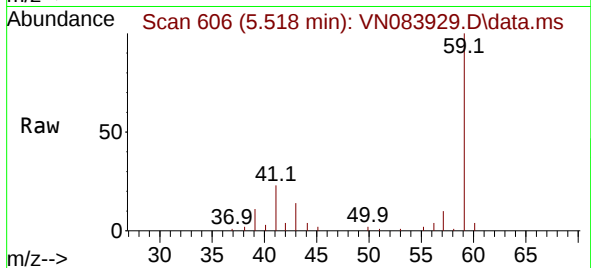




#11
Tert butyl alcohol
Concen: 317.034 ug/l
RT: 5.518 min Scan# 608
Delta R.T. -0.012 min
Lab File: VN083929.D
Acq: 16 Sep 2024 19:51

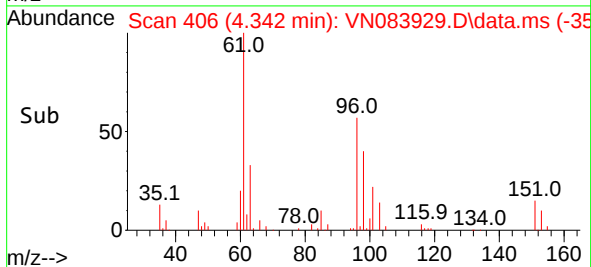
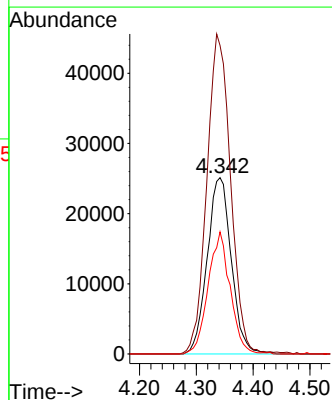
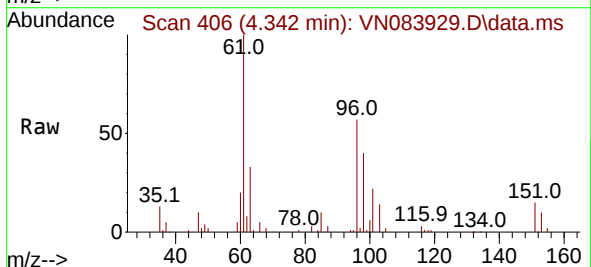
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

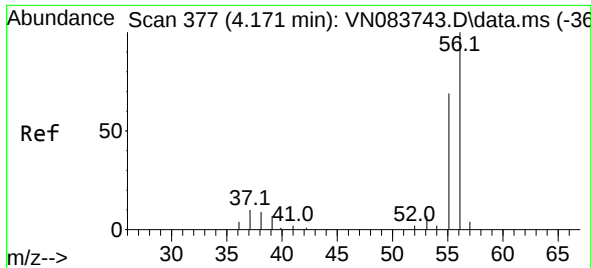
Tgt Ion: 59 Resp: 92804
Ion Ratio Lower Upper
59 100
57 10.8 8.7 13.1



#12
1,1-Dichloroethene
Concen: 47.170 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.012 min
Lab File: VN083929.D
Acq: 16 Sep 2024 19:51

Tgt Ion: 96 Resp: 73964
Ion Ratio Lower Upper
96 100
61 175.0 143.4 215.0
98 69.3 52.7 79.1





#13

Acrolein

Concen: 253.674 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN083929.D

Acq: 16 Sep 2024 19:51

Instrument :

MSVOA_N

ClientSampleId :

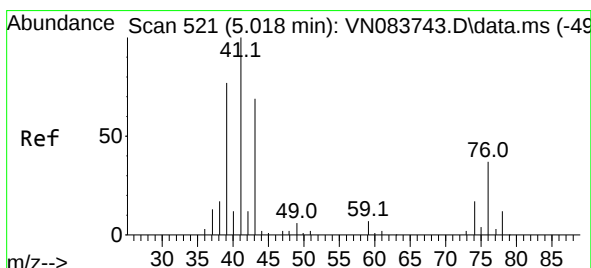
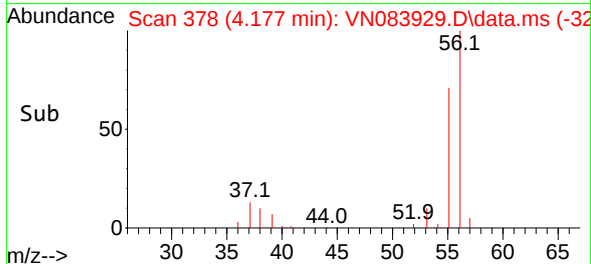
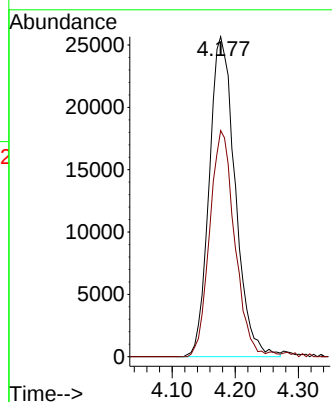
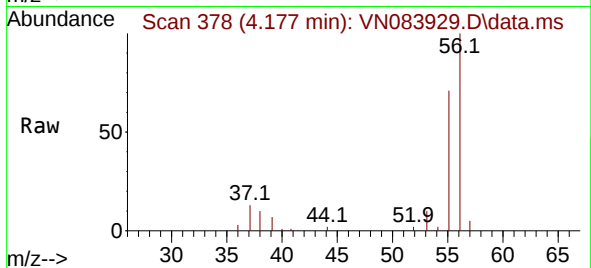
VSTDCCC050EC

Tgt Ion: 56 Resp: 73267

Ion Ratio Lower Upper

56 100

55 67.7 58.2 87.2



#14

Allyl chloride

Concen: 44.377 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN083929.D

Acq: 16 Sep 2024 19:51

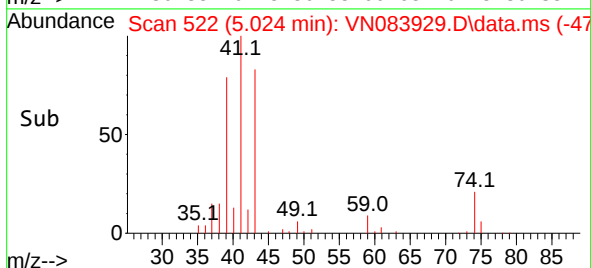
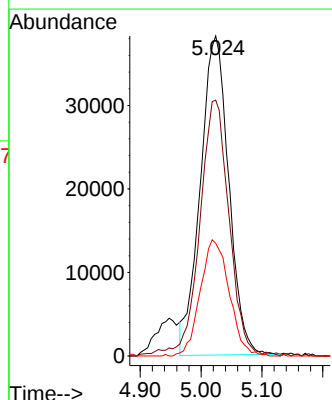
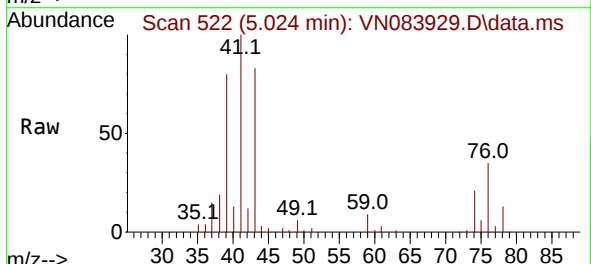
Tgt Ion: 41 Resp: 123990

Ion Ratio Lower Upper

41 100

39 82.7 59.3 88.9

76 37.0 27.7 41.5



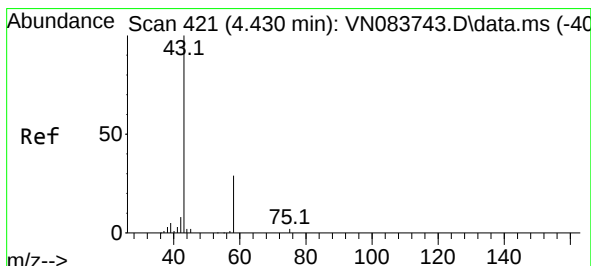
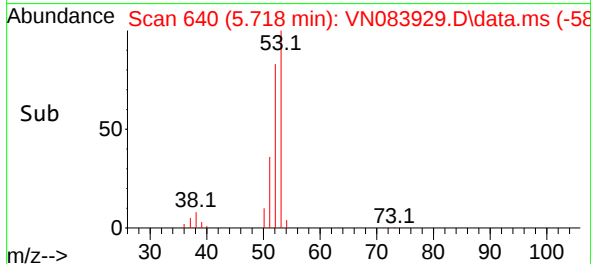
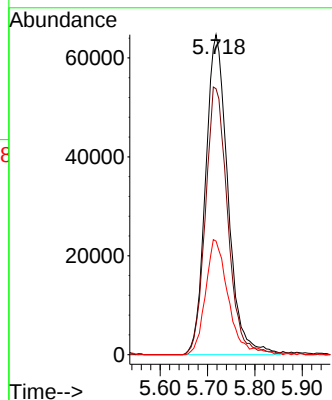
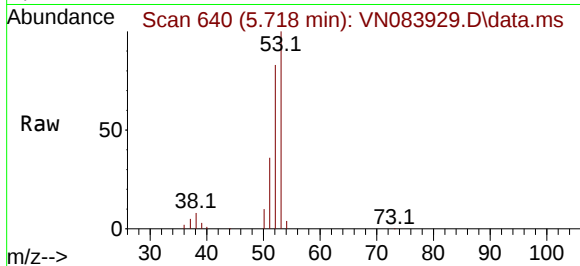


#15
Acrylonitrile
Concen: 265.835 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN083929.D
Acq: 16 Sep 2024 19:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 53 Resp: 211624

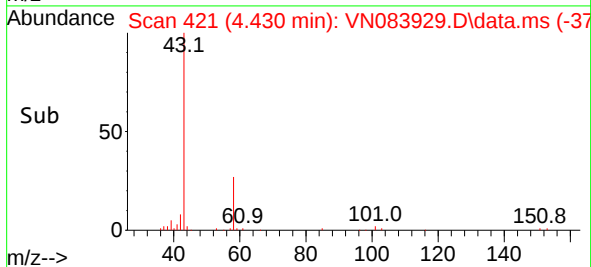
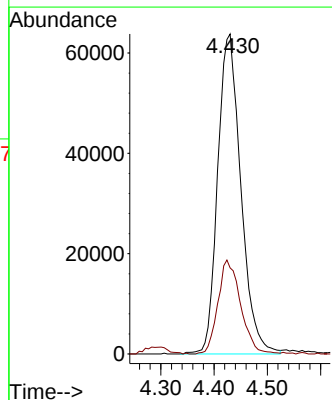
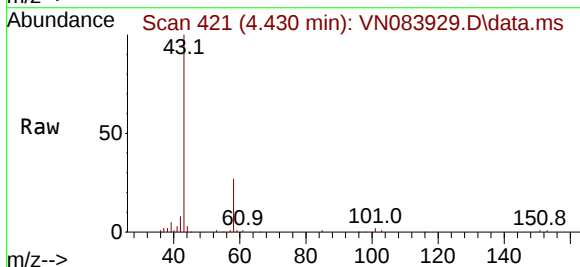
Ion	Ratio	Lower	Upper
53	100		
52	83.6	66.1	99.1
51	35.9	29.6	44.4

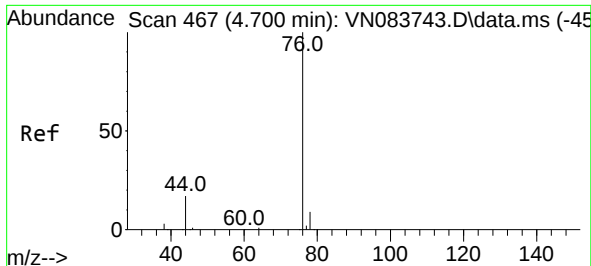


#16
Acetone
Concen: 219.940 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN083929.D
Acq: 16 Sep 2024 19:51

Tgt Ion: 43 Resp: 192737

Ion	Ratio	Lower	Upper
43	100		
58	26.6	23.7	35.5

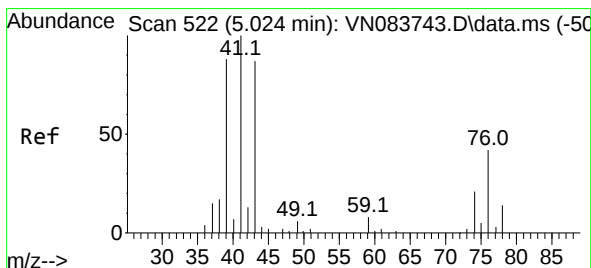
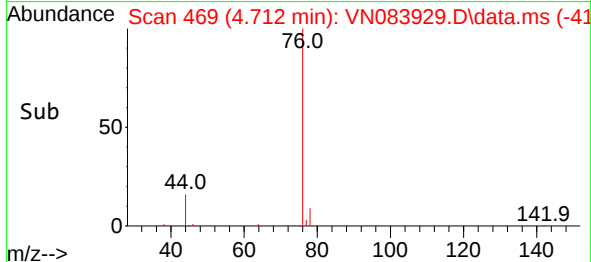
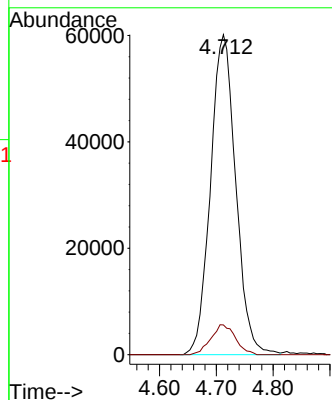
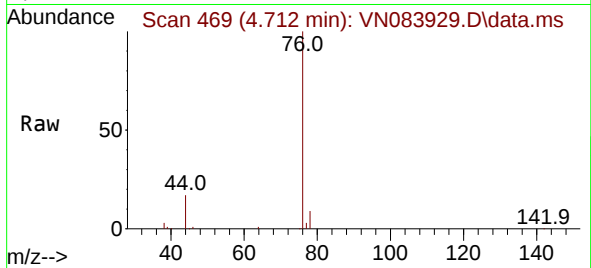




#17
Carbon Disulfide
Concen: 42.363 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.012 min
Lab File: VN083929.D
Acq: 16 Sep 2024 19:51

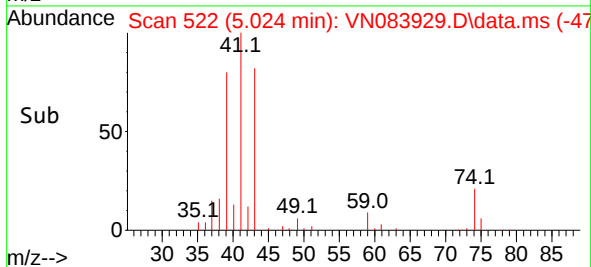
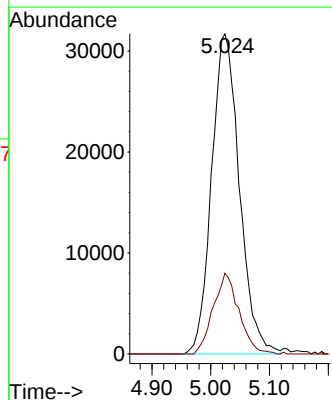
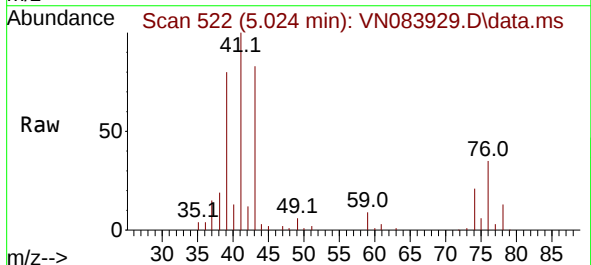
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 185815
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7



#18
Methyl Acetate
Concen: 57.325 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN083929.D
Acq: 16 Sep 2024 19:51

Tgt Ion: 43 Resp: 104170
Ion Ratio Lower Upper
43 100
74 23.3 19.0 28.4

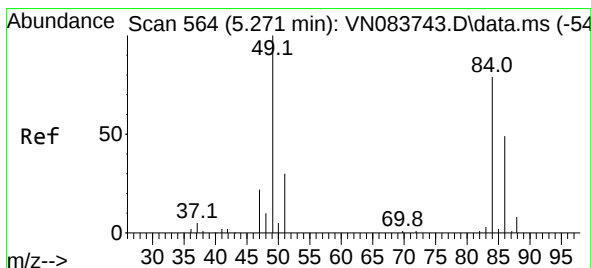
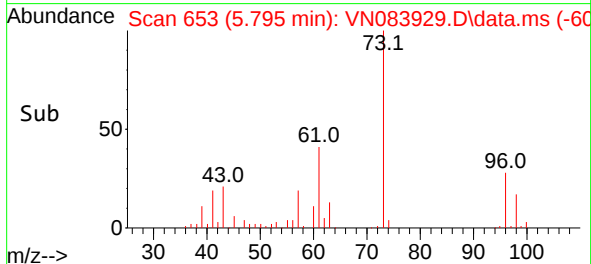
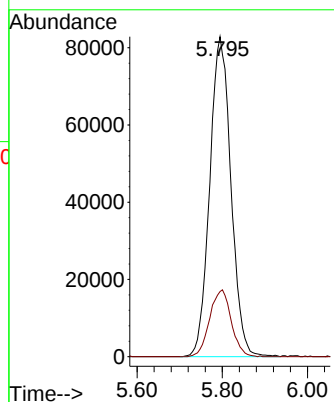
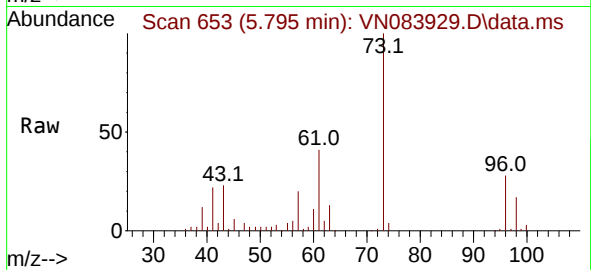




#19
Methyl tert-butyl Ether
Concen: 50.623 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN083929.D
Acq: 16 Sep 2024 19:51

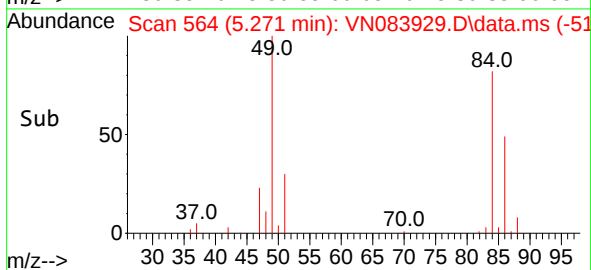
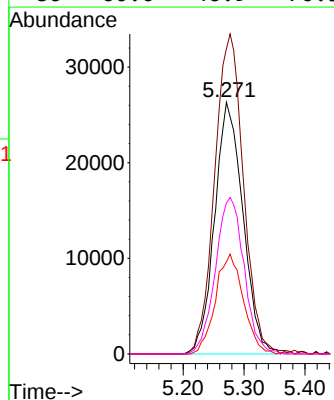
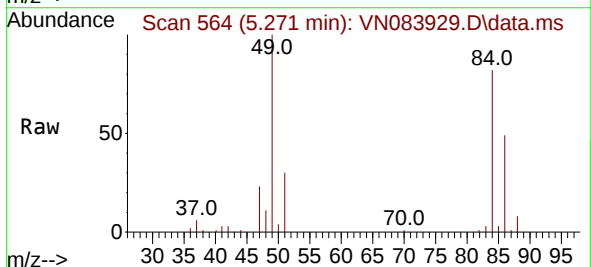
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 287245
Ion Ratio Lower Upper
73 100
57 20.4 17.0 25.6



#20
Methylene Chloride
Concen: 47.392 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN083929.D
Acq: 16 Sep 2024 19:51

Tgt Ion: 84 Resp: 84987
Ion Ratio Lower Upper
84 100
49 121.3 93.4 140.0
51 36.6 29.2 43.8
86 60.0 46.9 70.3

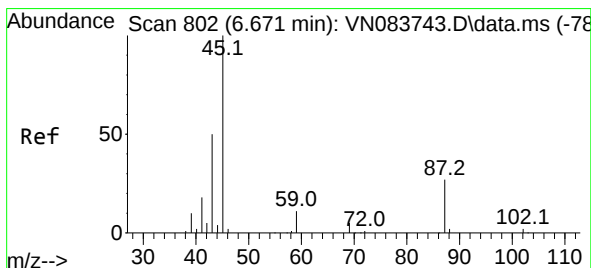
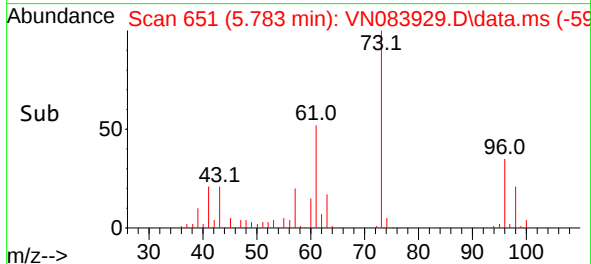
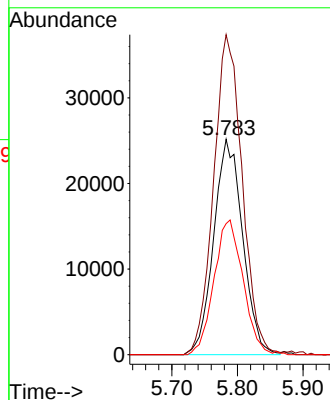
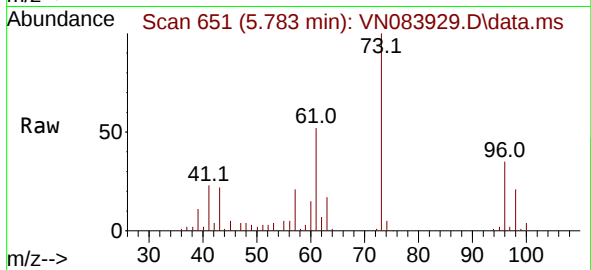




#21
trans-1,2-Dichloroethene
Concen: 45.871 ug/l
RT: 5.783 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN083929.D
Acq: 16 Sep 2024 19:51

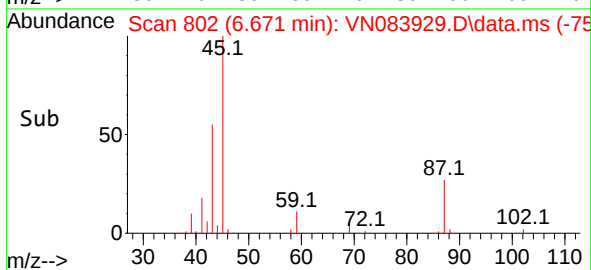
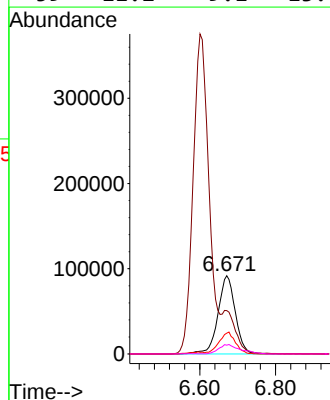
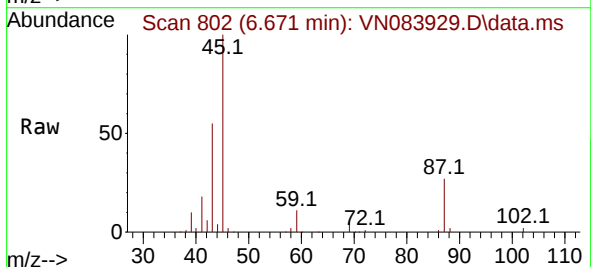
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

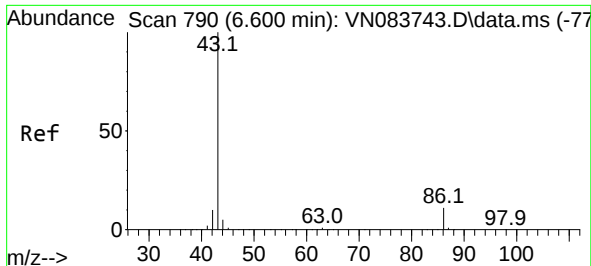
Tgt Ion: 96 Resp: 77085
Ion Ratio Lower Upper
96 100
61 148.6 106.0 159.0
98 60.9 52.2 78.2



#22
Diisopropyl ether
Concen: 50.642 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN083929.D
Acq: 16 Sep 2024 19:51

Tgt Ion: 45 Resp: 291276
Ion Ratio Lower Upper
45 100
43 55.1 43.4 65.0
87 26.6 22.6 33.8
59 11.2 9.1 13.7

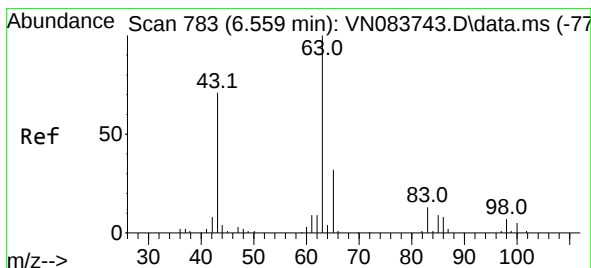
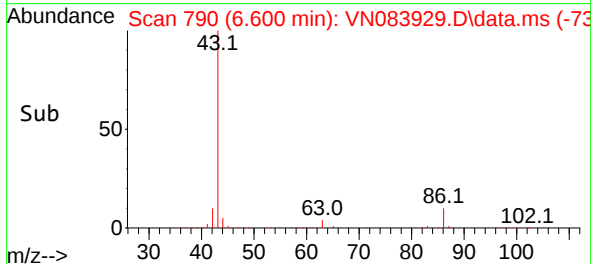
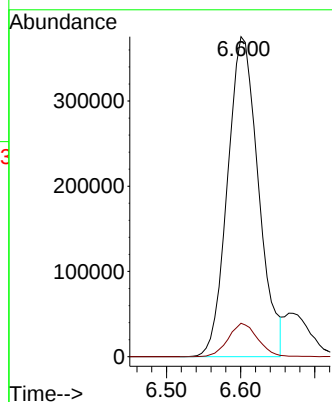
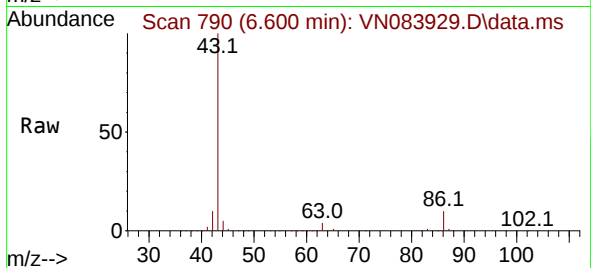




#23
 Vinyl Acetate
 Concen: 258.492 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN083929.D
 Acq: 16 Sep 2024 19:51

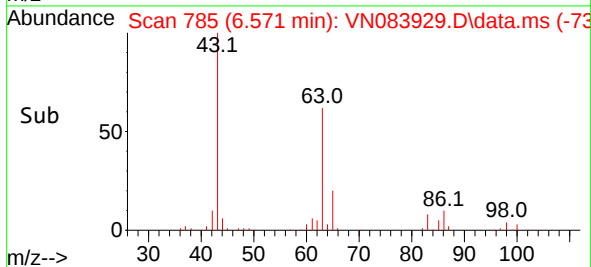
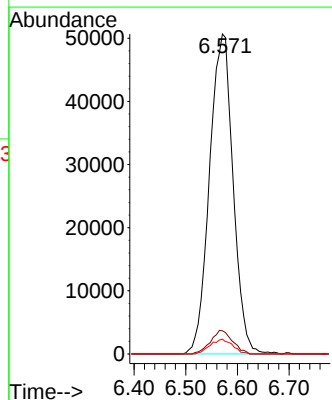
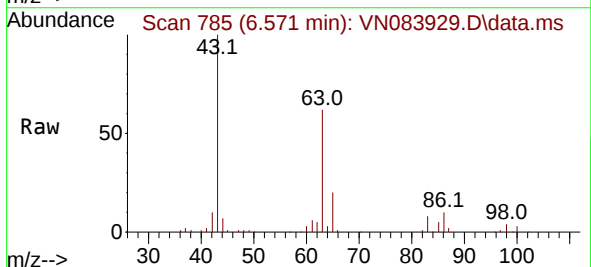
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

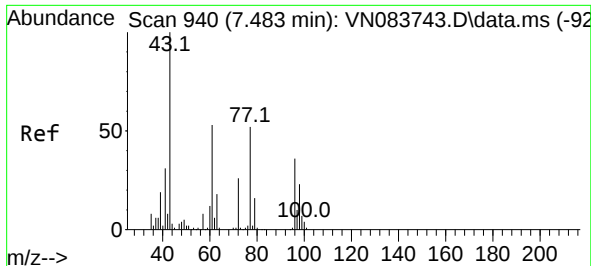
Tgt Ion: 43 Resp: 1088771
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.7 13.1



#24
 1,1-Dichloroethane
 Concen: 48.397 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.012 min
 Lab File: VN083929.D
 Acq: 16 Sep 2024 19:51

Tgt Ion: 63 Resp: 160371
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.5 10.4
 100 4.6 2.5 7.5

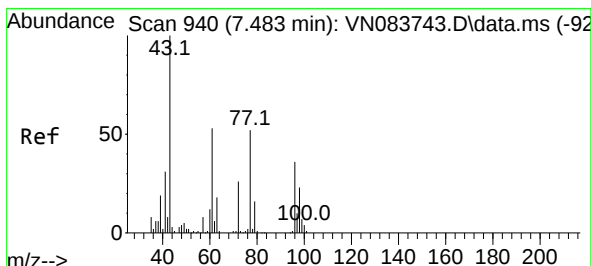
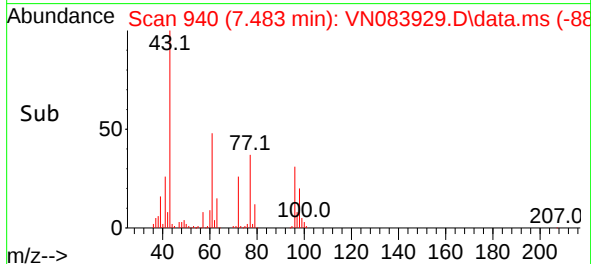
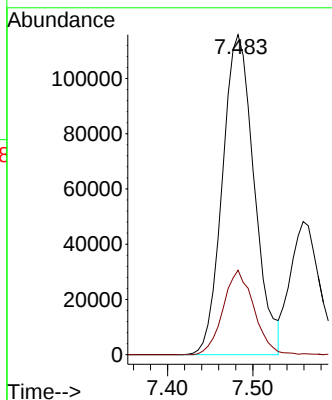
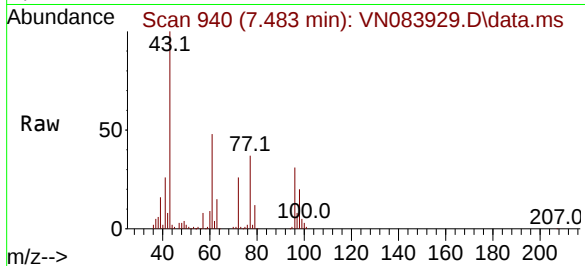




#25
2-Butanone
Concen: 260.823 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN083929.D
Acq: 16 Sep 2024 19:51

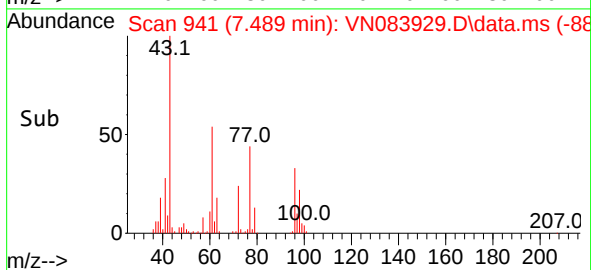
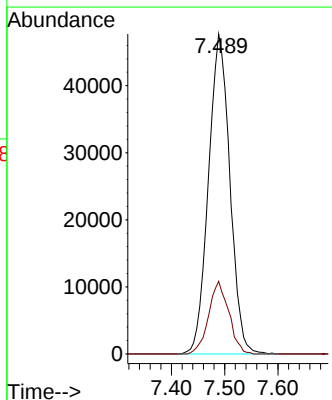
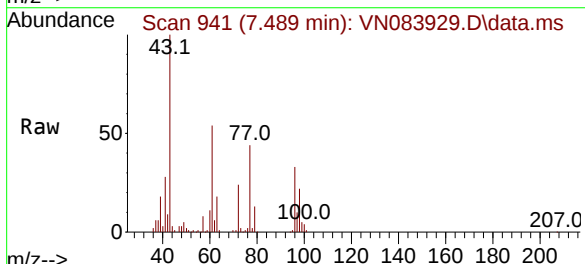
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

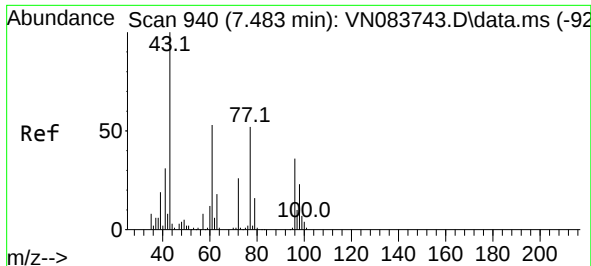
Tgt Ion: 43 Resp: 300410
Ion Ratio Lower Upper
43 100
72 26.4 20.8 31.2



#26
2,2-Dichloropropane
Concen: 43.650 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN083929.D
Acq: 16 Sep 2024 19:51

Tgt Ion: 77 Resp: 133203
Ion Ratio Lower Upper
77 100
97 21.4 10.2 30.4

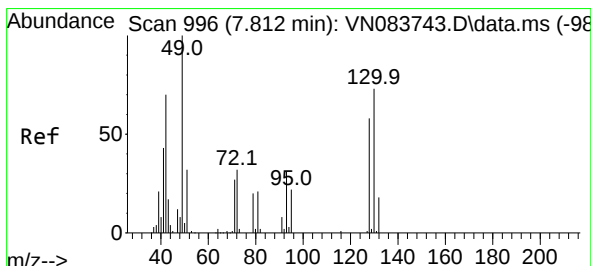
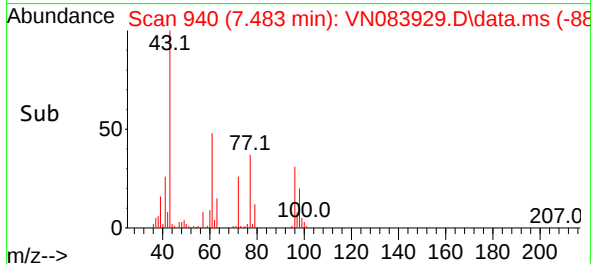
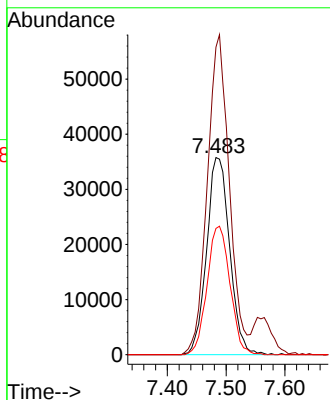
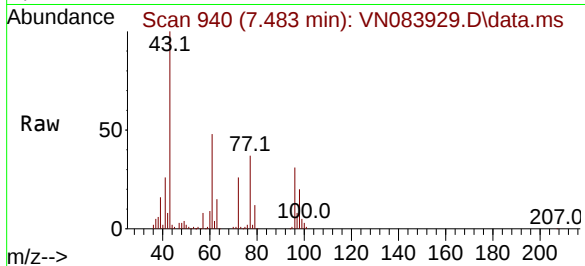




#27
cis-1,2-Dichloroethene
Concen: 48.733 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN083929.D
Acq: 16 Sep 2024 19:51

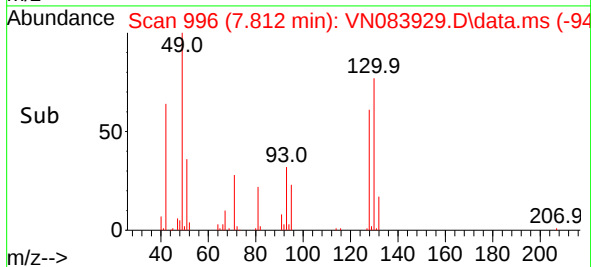
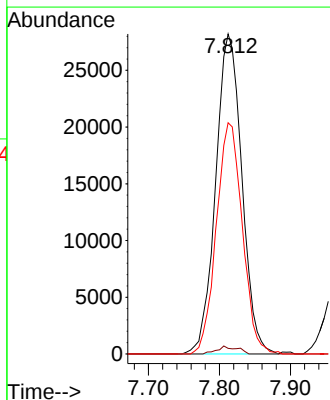
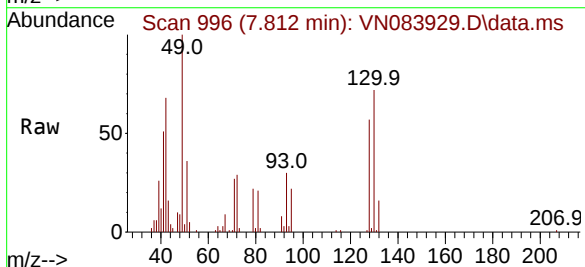
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

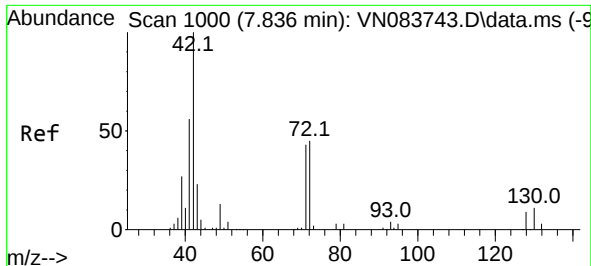
Tgt Ion	Ratio	Lower	Upper
96	100		
61	154.4	0.0	306.2
98	64.9	0.0	128.6



#28
Bromochloromethane
Concen: 51.776 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN083929.D
Acq: 16 Sep 2024 19:51

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.4
130	71.7	60.2	90.2





#29

Tetrahydrofuran

Concen: 280.723 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN083929.D

Acq: 16 Sep 2024 19:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

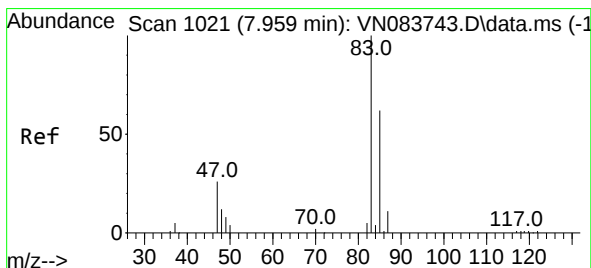
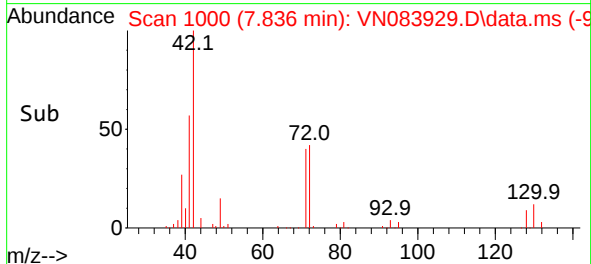
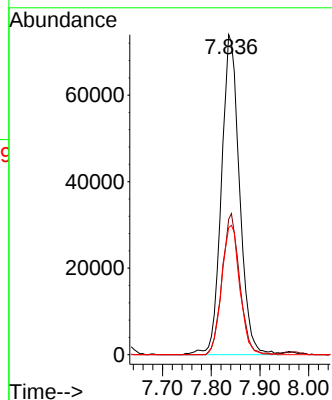
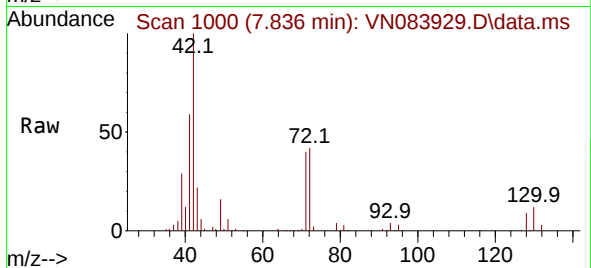
Tgt Ion: 42 Resp: 191183

Ion Ratio Lower Upper

42 100

72 42.7 35.9 53.9

71 40.4 33.9 50.9



#30

Chloroform

Concen: 48.803 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VN083929.D

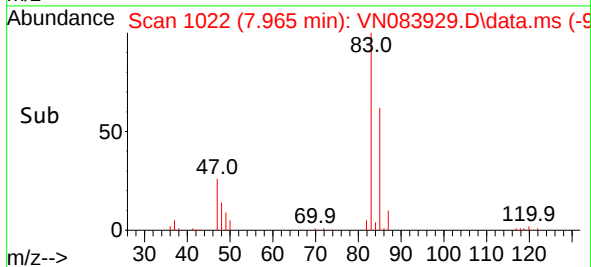
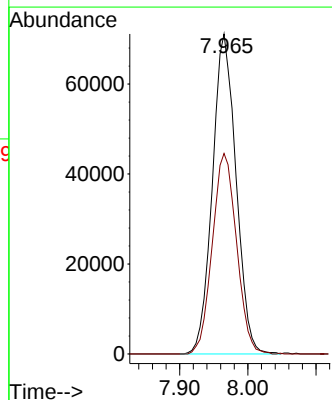
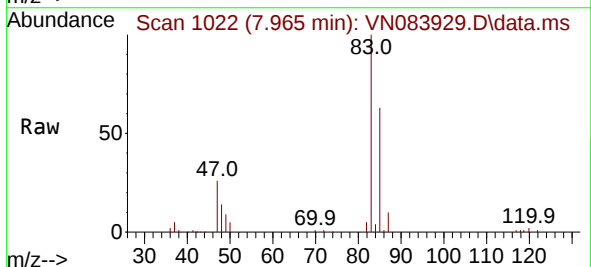
Acq: 16 Sep 2024 19:51

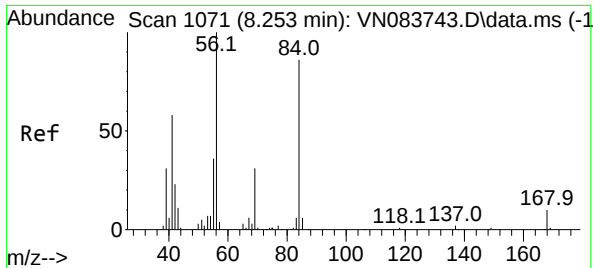
Tgt Ion: 83 Resp: 171683

Ion Ratio Lower Upper

83 100

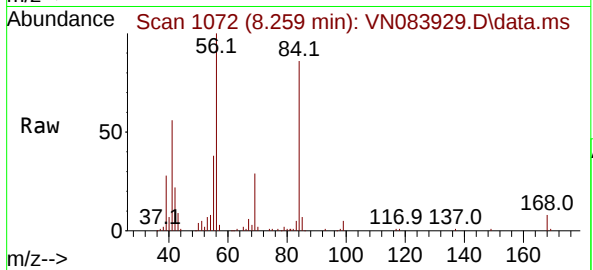
85 62.6 52.8 79.2



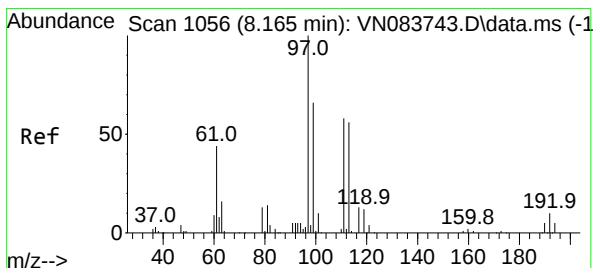
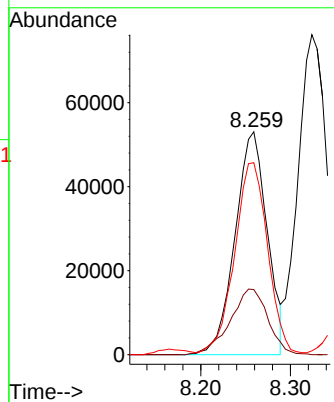
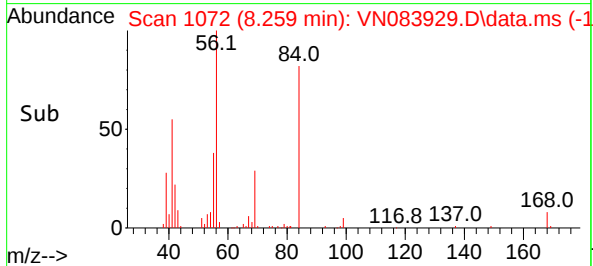


#31
Cyclohexane
Concen: 41.788 ug/l
RT: 8.259 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VN083929.D
Acq: 16 Sep 2024 19:51

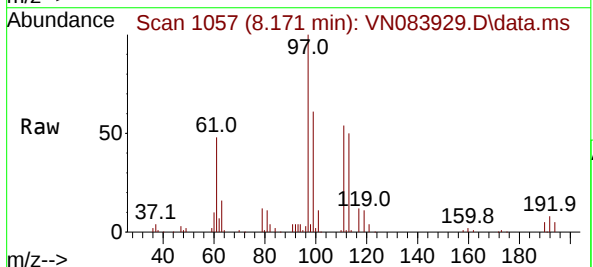
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



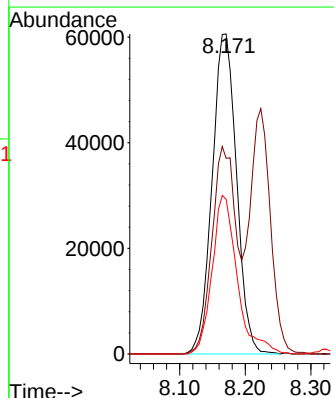
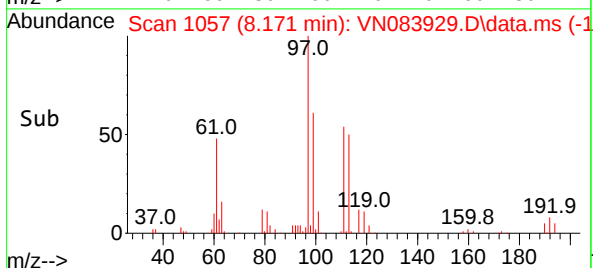
Tgt Ion: 56 Resp: 132024
Ion Ratio Lower Upper
56 100
69 29.2 26.9 40.3
84 84.1 69.2 103.8



#32
1,1,1-Trichloroethane
Concen: 48.428 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN083929.D
Acq: 16 Sep 2024 19:51



Tgt Ion: 97 Resp: 156650
Ion Ratio Lower Upper
97 100
99 63.8 52.3 78.5
61 51.0 38.2 57.2





#33

1,2-Dichloroethane-d4

Concen: 49.015 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN083929.D

Acq: 16 Sep 2024 19:51

Instrument :

MSVOA_N

ClientSampleId :

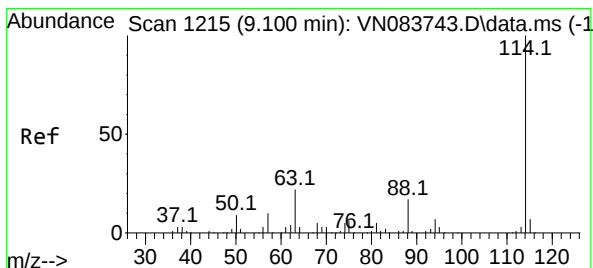
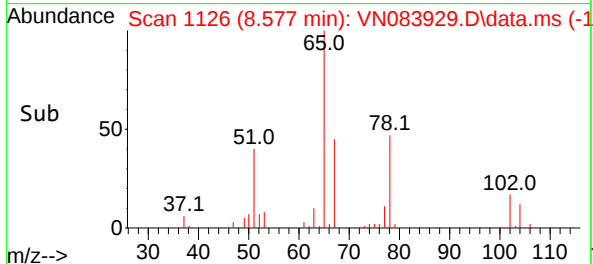
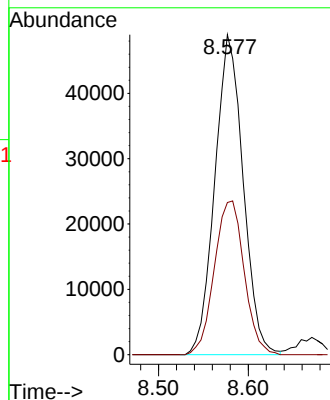
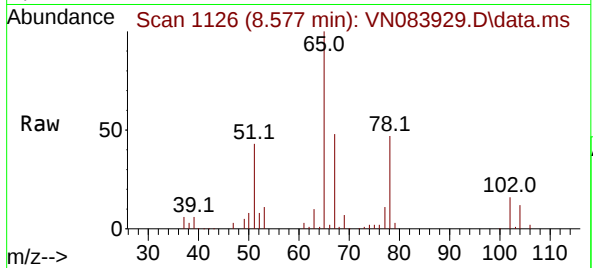
VSTDCCC050EC

Tgt Ion: 65 Resp: 107148

Ion Ratio Lower Upper

65 100

67 50.7 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN083929.D

Acq: 16 Sep 2024 19:51

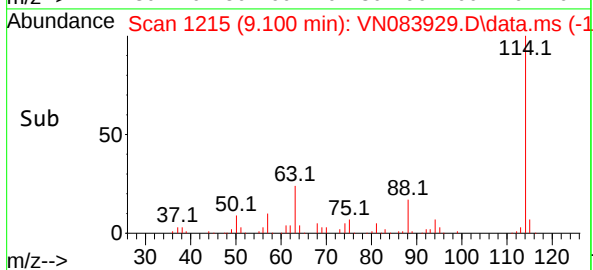
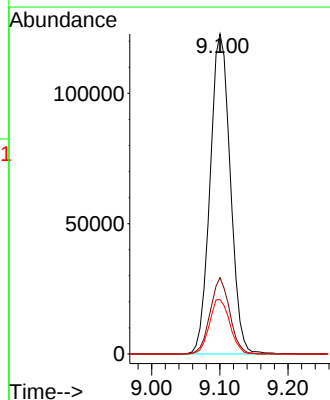
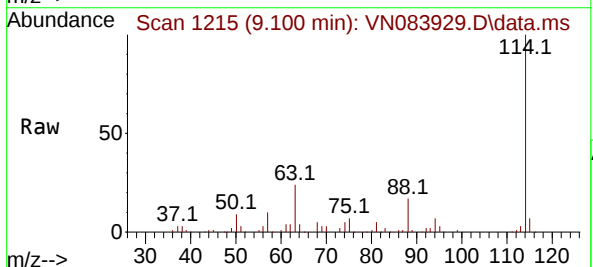
Tgt Ion: 114 Resp: 253370

Ion Ratio Lower Upper

114 100

63 23.9 0.0 43.4

88 17.0 0.0 32.6





#35

Dibromofluoromethane

Concen: 47.192 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN083929.D

Acq: 16 Sep 2024 19:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

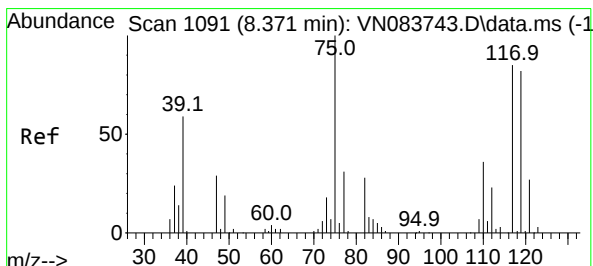
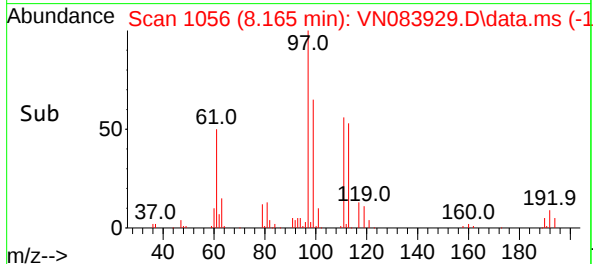
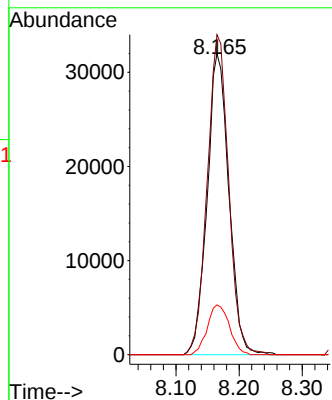
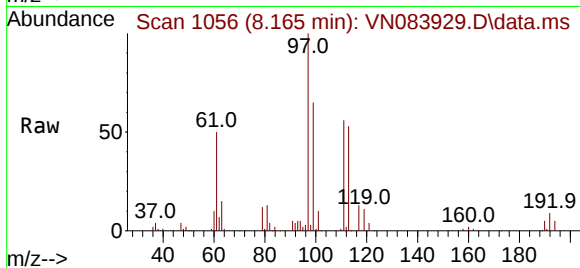
Tgt Ion:113 Resp: 76548

Ion Ratio Lower Upper

113 100

111 104.4 82.6 124.0

192 16.8 14.3 21.5



#36

1,1-Dichloropropene

Concen: 47.153 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.000 min

Lab File: VN083929.D

Acq: 16 Sep 2024 19:51

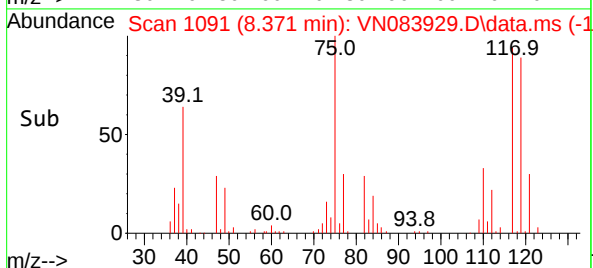
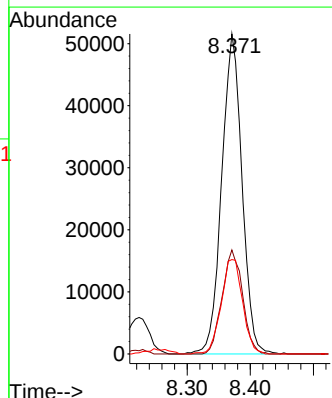
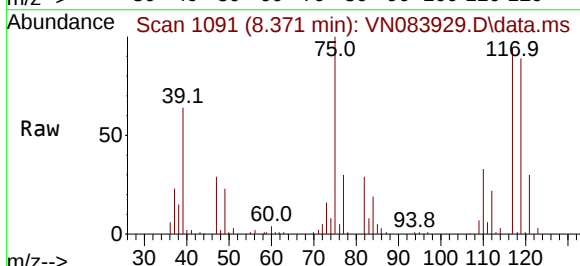
Tgt Ion: 75 Resp: 115120

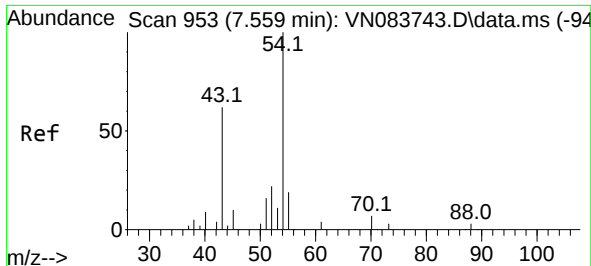
Ion Ratio Lower Upper

75 100

110 32.7 16.7 50.1

77 31.1 25.2 37.8

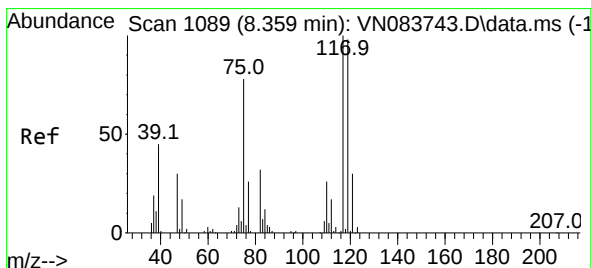
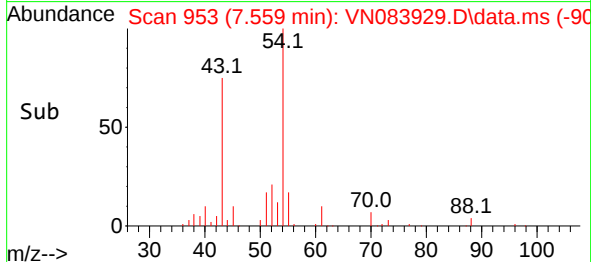
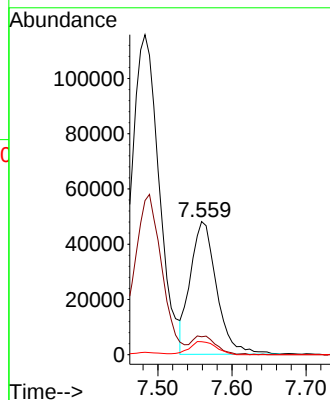
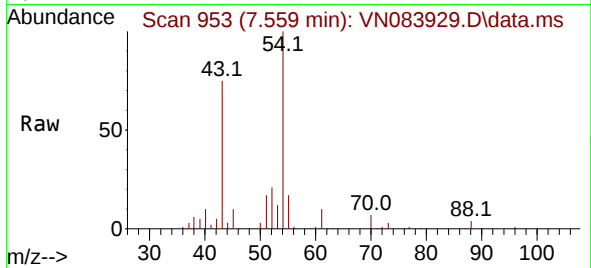




#37
Ethyl Acetate
Concen: 53.252 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN083929.D
Acq: 16 Sep 2024 19:51

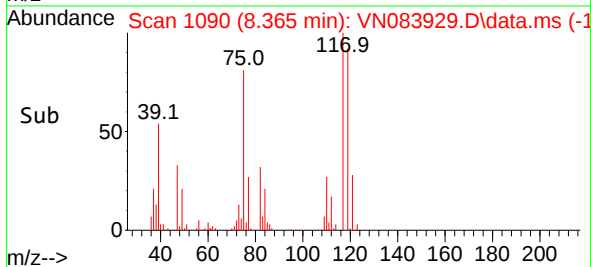
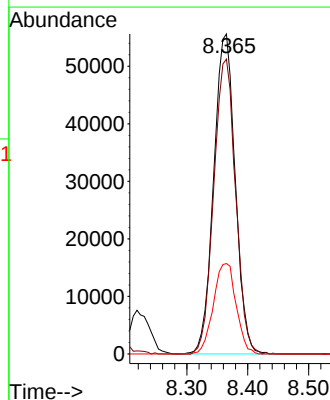
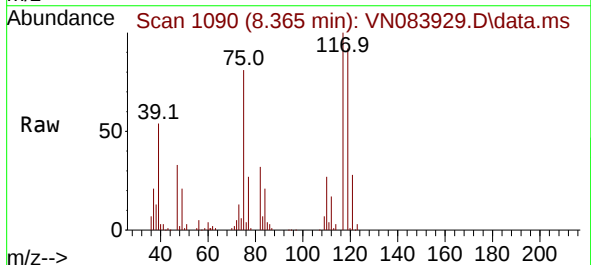
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

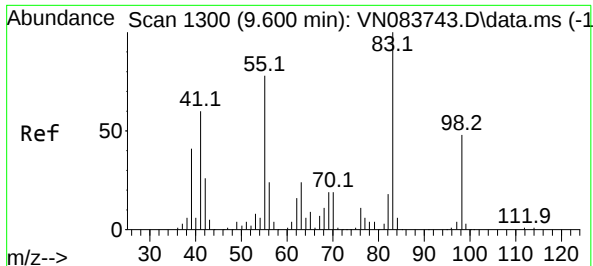
Tgt Ion: 43 Resp: 118010
Ion Ratio Lower Upper
43 100
61 13.6 11.1 16.7
70 10.1 8.8 13.2



#38
Carbon Tetrachloride
Concen: 49.283 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN083929.D
Acq: 16 Sep 2024 19:51

Tgt Ion: 117 Resp: 136501
Ion Ratio Lower Upper
117 100
119 92.2 76.1 114.1
121 28.3 24.1 36.1





#39

Methylcyclohexane

Concen: 44.993 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN083929.D

Acq: 16 Sep 2024 19:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

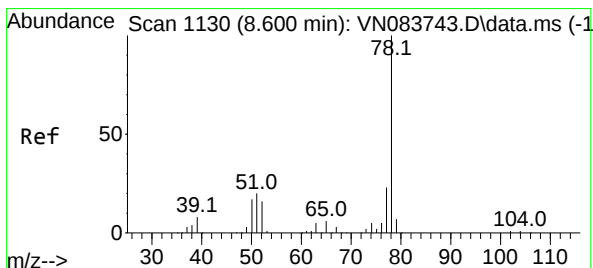
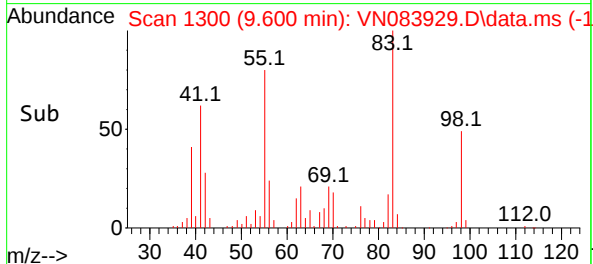
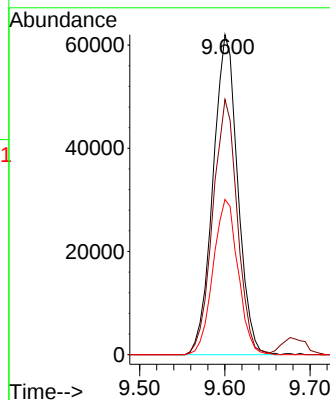
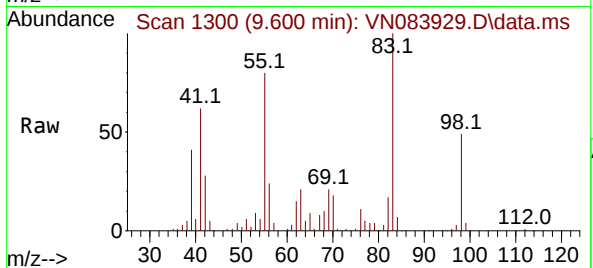
Tgt Ion: 83 Resp: 125031

Ion Ratio Lower Upper

83 100

55 79.8 62.2 93.4

98 48.5 37.6 56.4



#40

Benzene

Concen: 47.757 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VN083929.D

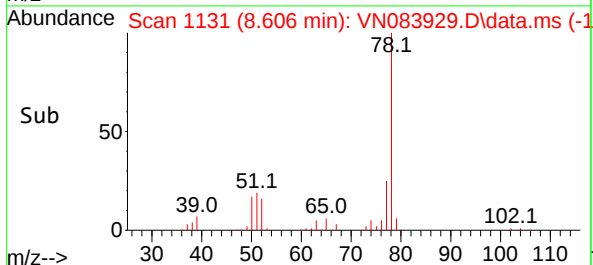
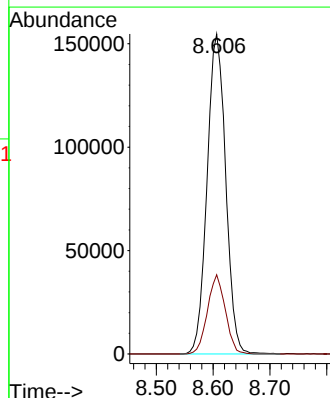
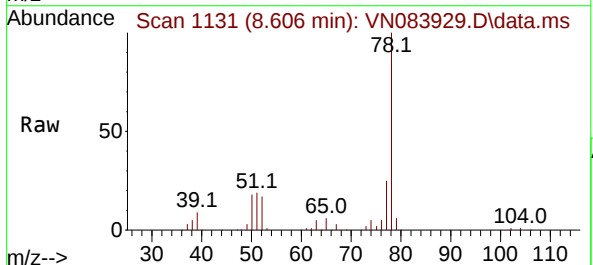
Acq: 16 Sep 2024 19:51

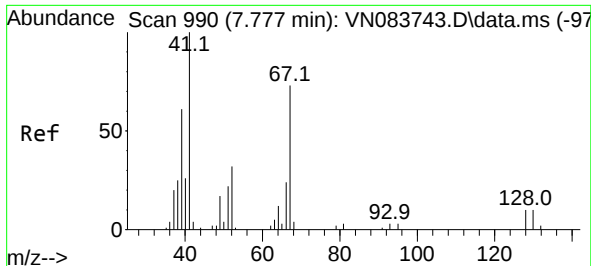
Tgt Ion: 78 Resp: 350934

Ion Ratio Lower Upper

78 100

77 24.8 19.0 28.6

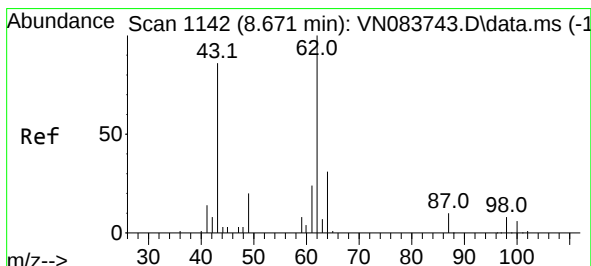
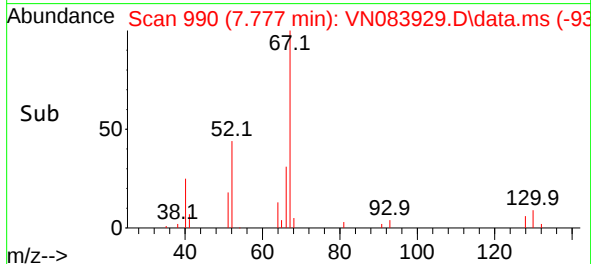
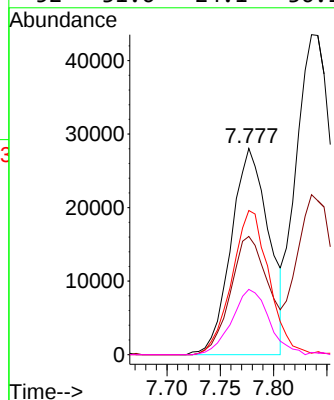
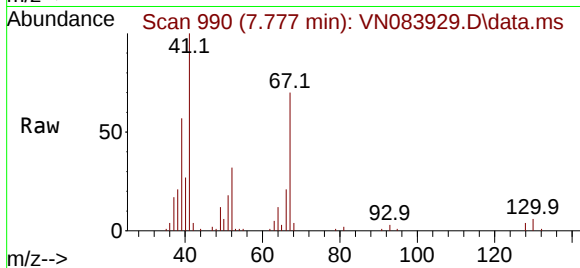




#41
Methacrylonitrile
Concen: 52.813 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN083929.D
Acq: 16 Sep 2024 19:51

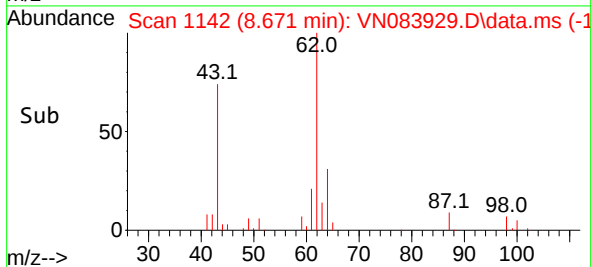
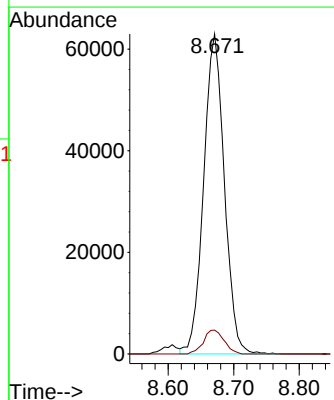
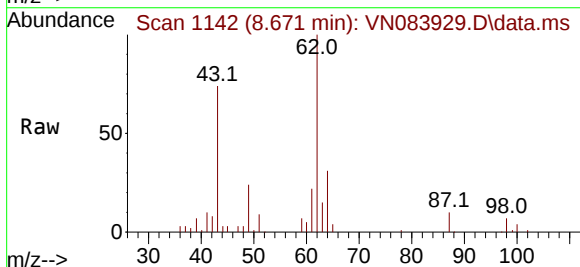
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

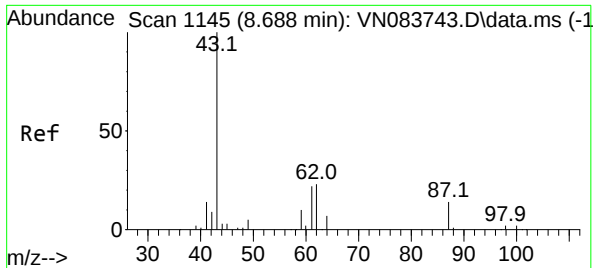
Tgt Ion:	41	Resp:	69222
Ion	Ratio	Lower	Upper
41	100		
39	57.5	45.4	68.2
67	69.1	55.9	83.9
52	31.6	24.1	36.1



#42
1,2-Dichloroethane
Concen: 50.347 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN083929.D
Acq: 16 Sep 2024 19:51

Tgt Ion:	62	Resp:	138243
Ion	Ratio	Lower	Upper
62	100		
98	7.4	0.0	16.6





#43

Isopropyl Acetate

Concen: 55.599 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN083929.D

Acq: 16 Sep 2024 19:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

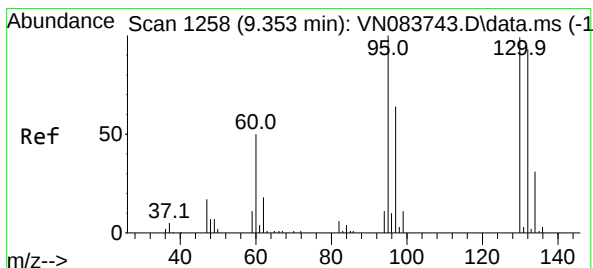
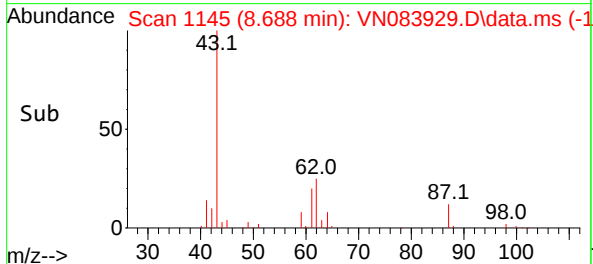
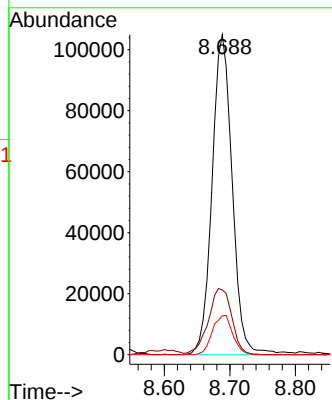
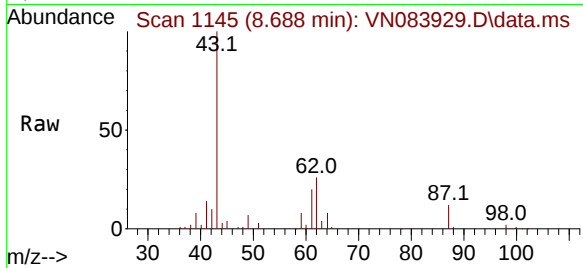
Tgt Ion: 43 Resp: 223276

Ion Ratio Lower Upper

43 100

61 24.1 19.4 29.0

87 12.3 9.8 14.6



#44

Trichloroethene

Concen: 48.308 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. 0.000 min

Lab File: VN083929.D

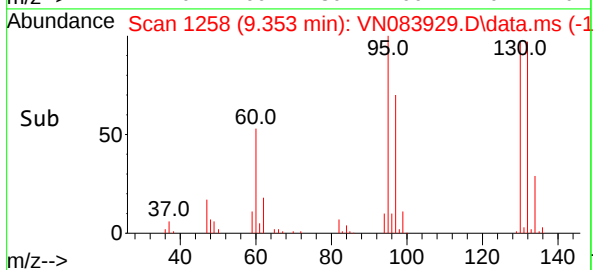
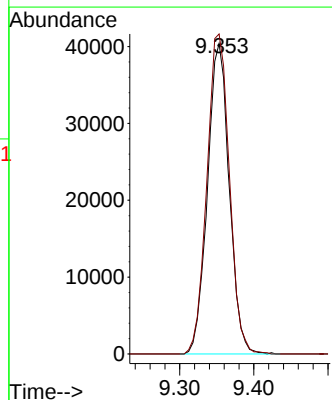
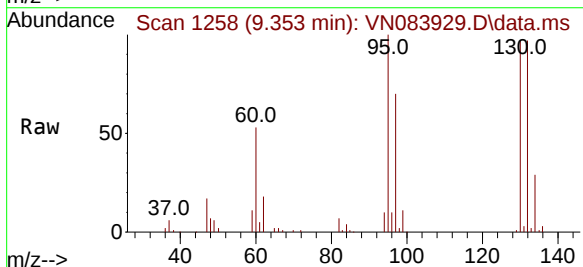
Acq: 16 Sep 2024 19:51

Tgt Ion:130 Resp: 82205

Ion Ratio Lower Upper

130 100

95 103.1 0.0 200.4





#45

1,2-Dichloropropane

Concen: 49.070 ug/l

RT: 9.624 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN083929.D

Acq: 16 Sep 2024 19:51

Instrument :

MSVOA_N

ClientSampleId :

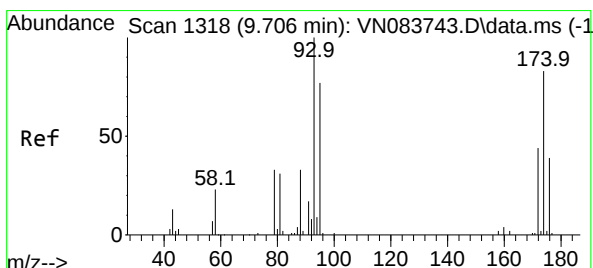
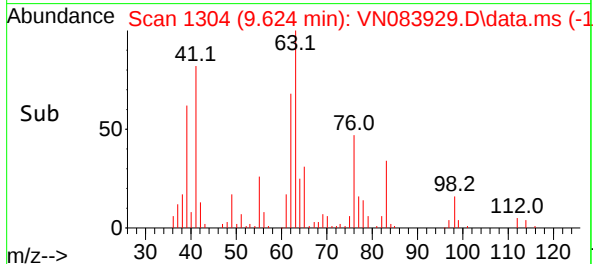
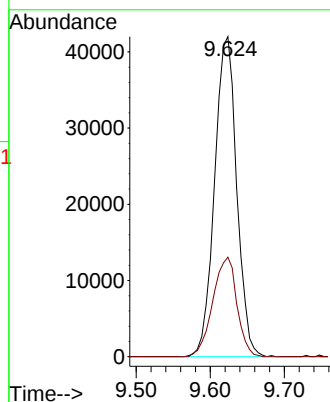
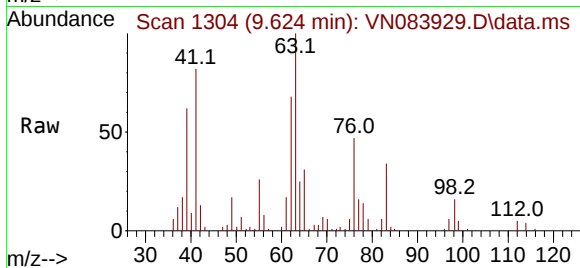
VSTDCCC050EC

Tgt Ion: 63 Resp: 87150

Ion Ratio Lower Upper

63 100

65 31.1 25.9 38.9



#46

Dibromomethane

Concen: 50.874 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN083929.D

Acq: 16 Sep 2024 19:51

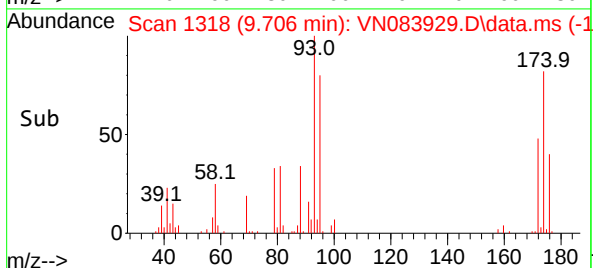
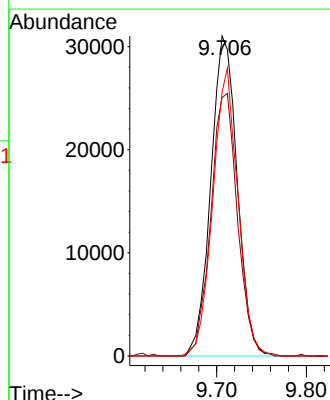
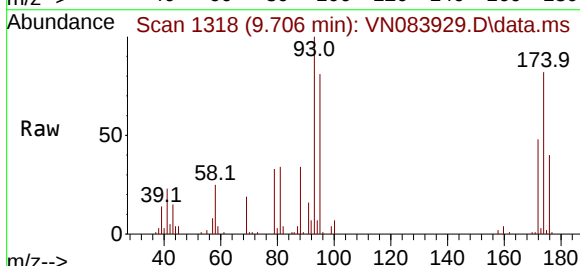
Tgt Ion: 93 Resp: 63287

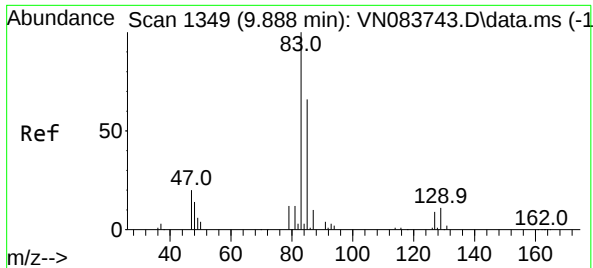
Ion Ratio Lower Upper

93 100

95 82.9 65.3 97.9

174 85.7 71.0 106.4

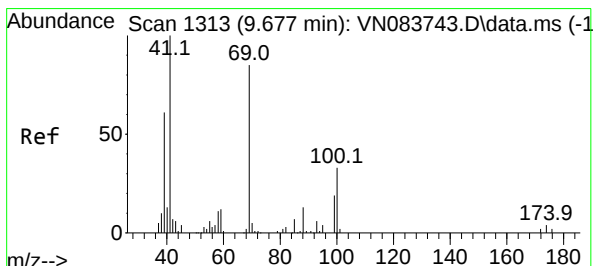
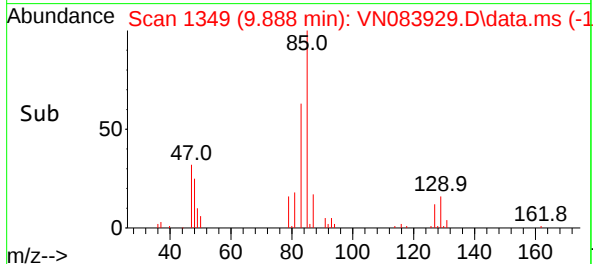
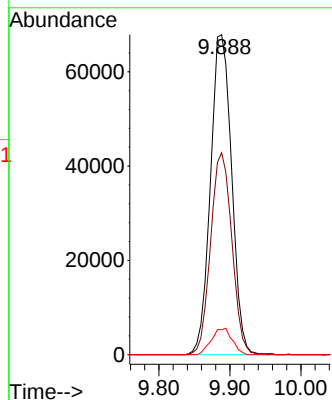
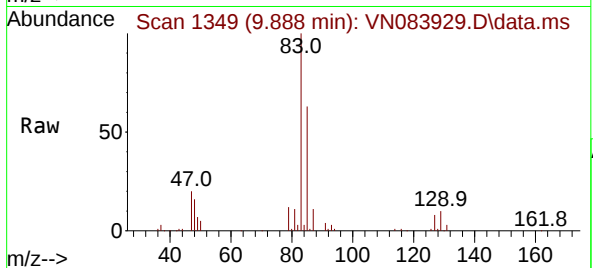




#47
Bromodichloromethane
Concen: 52.115 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN083929.D
Acq: 16 Sep 2024 19:51

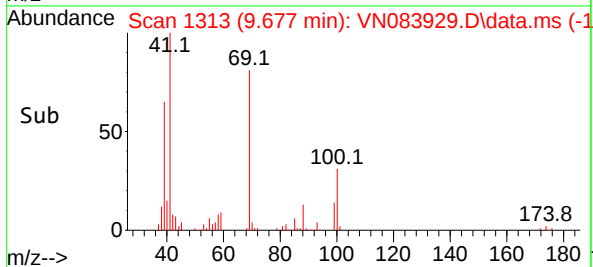
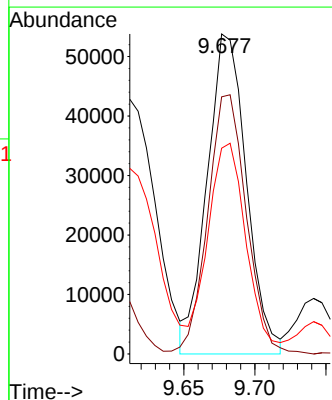
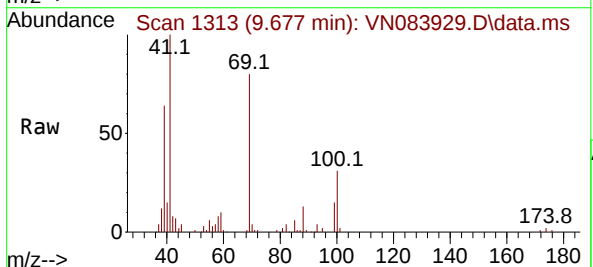
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 140309
Ion Ratio Lower Upper
83 100
85 63.1 51.8 77.8
127 7.8 6.6 9.8



#48
Methyl methacrylate
Concen: 54.188 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN083929.D
Acq: 16 Sep 2024 19:51

Tgt Ion: 41 Resp: 103243
Ion Ratio Lower Upper
41 100
69 80.1 64.3 96.5
39 64.3 48.9 73.3





#49

1,4-Dioxane

Concen: 1133.499 ug/l

RT: 9.694 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083929.D

Acq: 16 Sep 2024 19:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

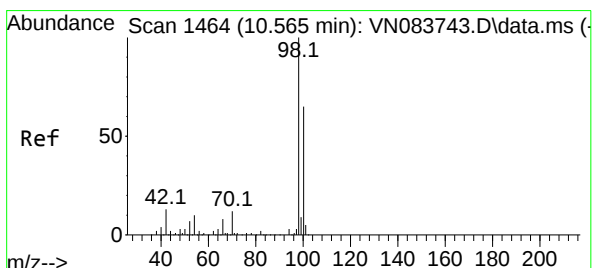
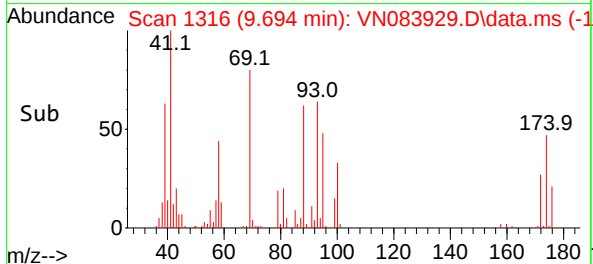
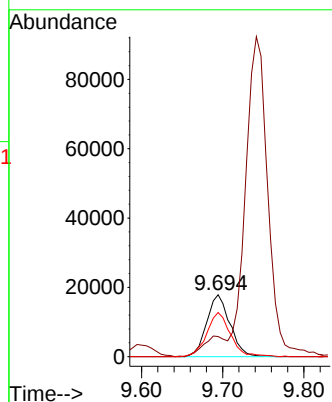
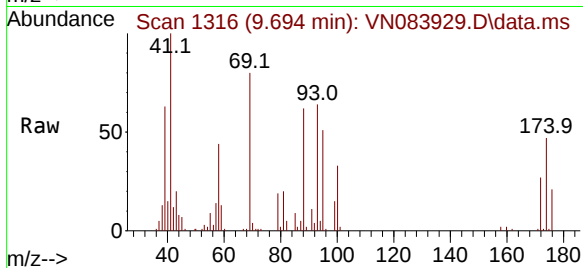
Tgt Ion: 88 Resp: 35527

Ion Ratio Lower Upper

88 100

43 33.3 0.0 0.0#

58 73.3 57.1 85.7



#50

Toluene-d8

Concen: 49.415 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN083929.D

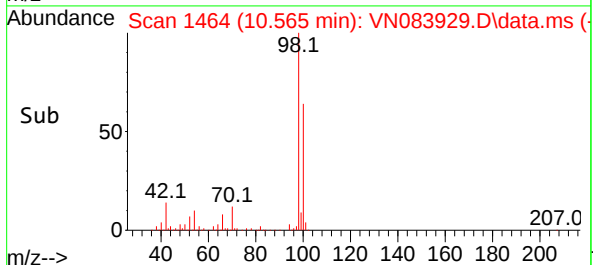
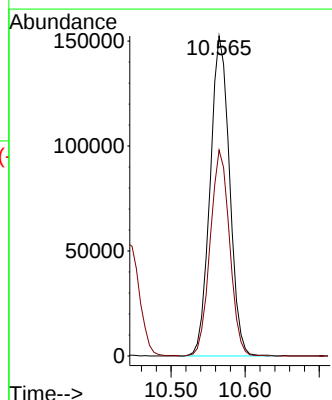
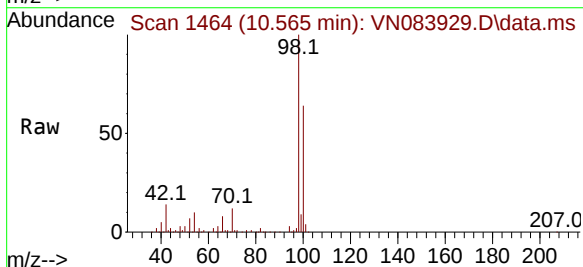
Acq: 16 Sep 2024 19:51

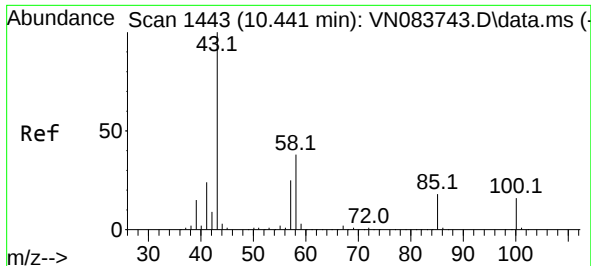
Tgt Ion: 98 Resp: 277095

Ion Ratio Lower Upper

98 100

100 64.4 52.0 78.0

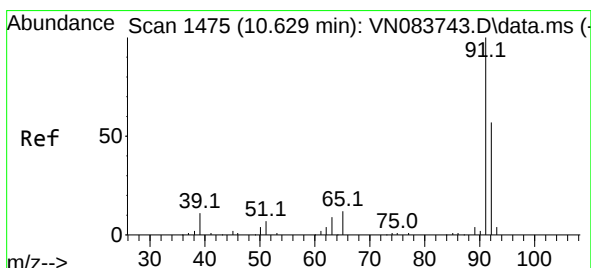
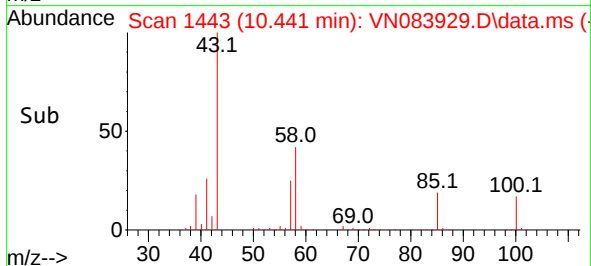
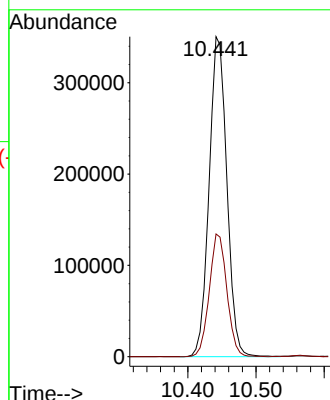
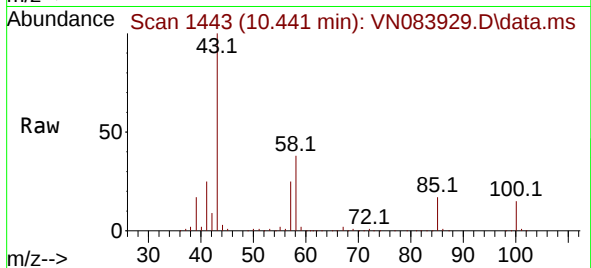




#51
4-Methyl-2-Pentanone
Concen: 290.218 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN083929.D
Acq: 16 Sep 2024 19:51

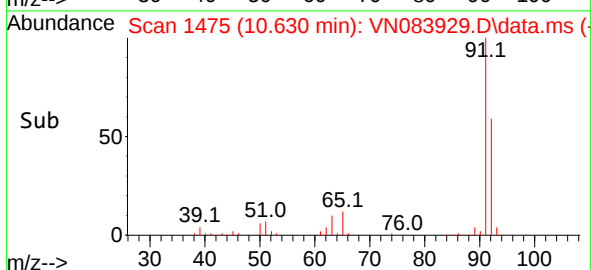
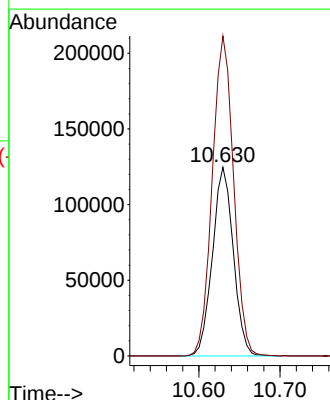
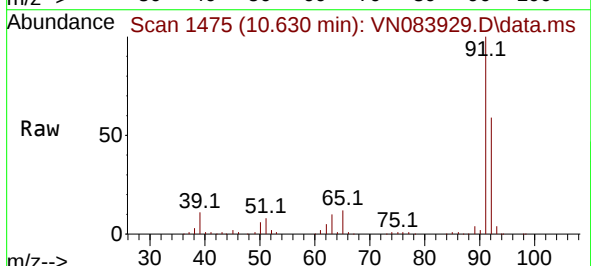
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

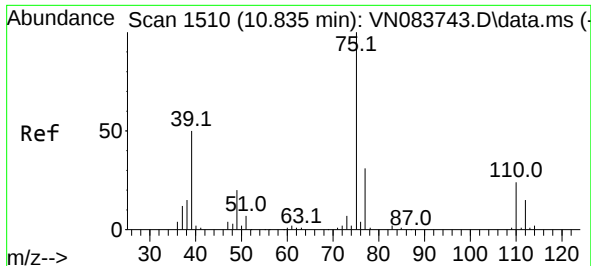
Tgt Ion: 43 Resp: 634420
Ion Ratio Lower Upper
43 100
58 38.0 31.6 47.4



#52
Toluene
Concen: 49.579 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN083929.D
Acq: 16 Sep 2024 19:51

Tgt Ion: 92 Resp: 222846
Ion Ratio Lower Upper
92 100
91 173.0 134.7 202.1

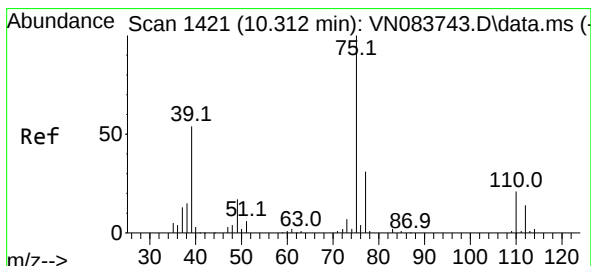
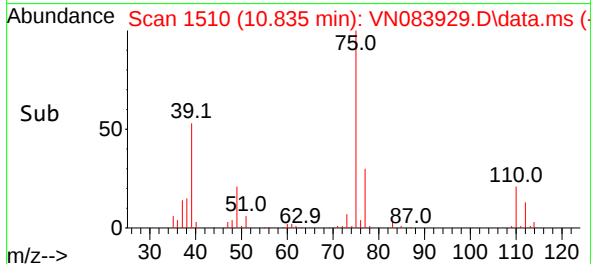
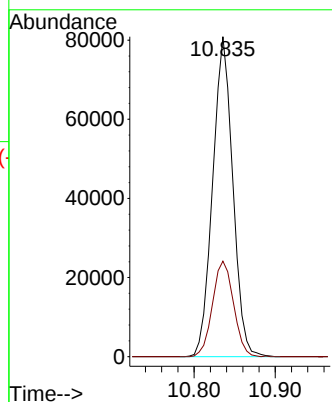
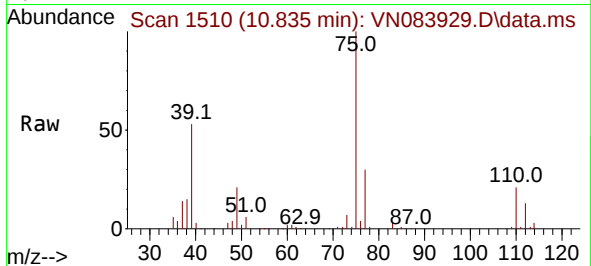




#53
t-1,3-Dichloropropene
Concen: 51.033 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN083929.D
Acq: 16 Sep 2024 19:51

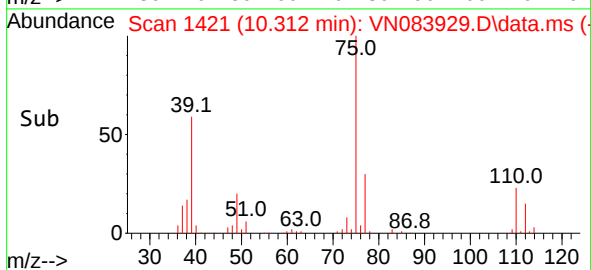
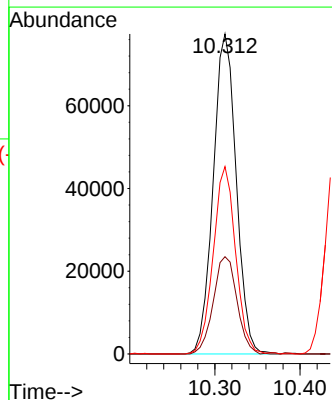
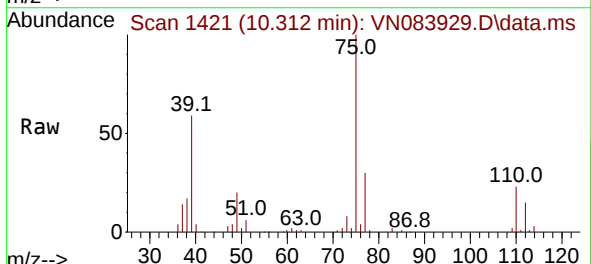
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

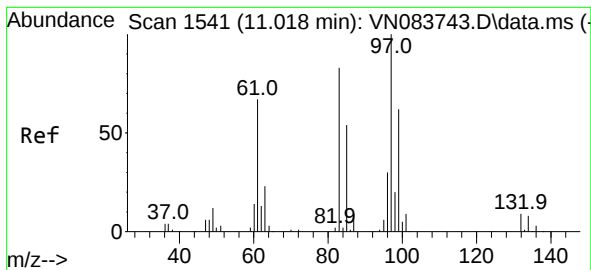
Tgt Ion: 75 Resp: 139265
Ion Ratio Lower Upper
75 100
77 29.9 25.8 38.6



#54
cis-1,3-Dichloropropene
Concen: 50.663 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN083929.D
Acq: 16 Sep 2024 19:51

Tgt Ion: 75 Resp: 145228
Ion Ratio Lower Upper
75 100
77 30.4 25.0 37.6
39 58.5 42.6 64.0

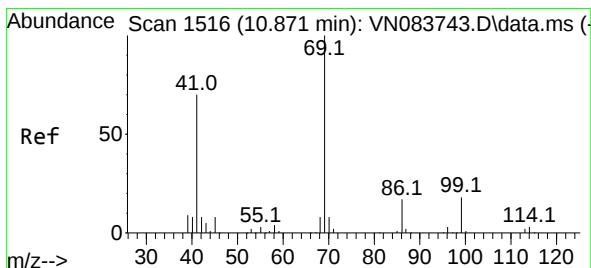
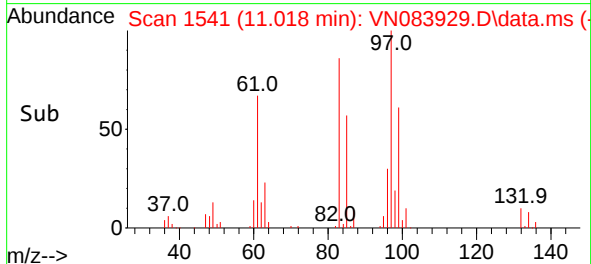
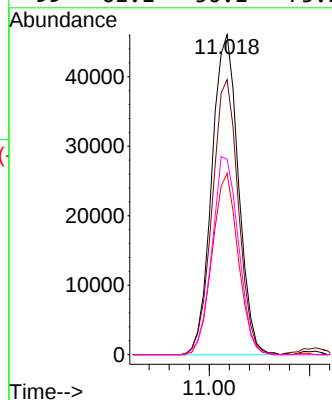
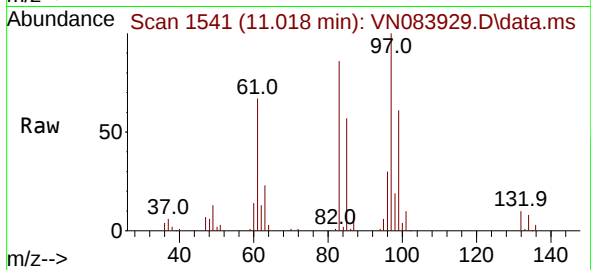




#55
1,1,2-Trichloroethane
Concen: 50.485 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN083929.D
Acq: 16 Sep 2024 19:51

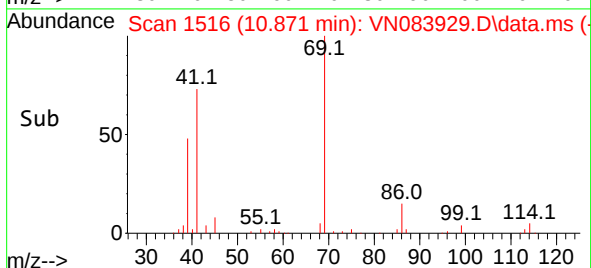
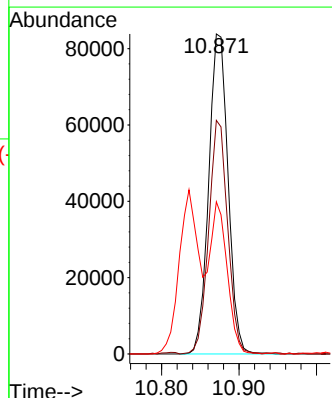
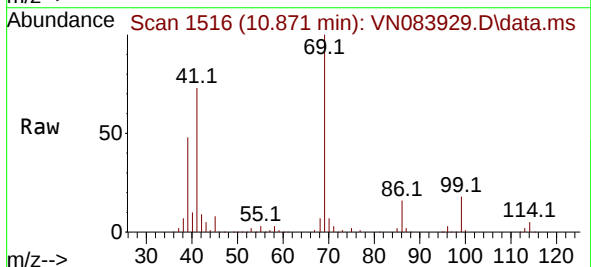
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

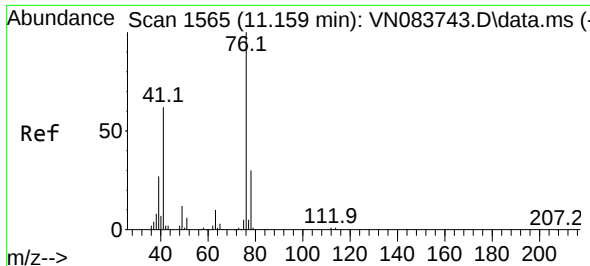
Tgt Ion:	97	Resp:	84715
Ion	Ratio	Lower	Upper
97	100		
83	85.9	67.5	101.3
85	56.7	44.2	66.2
99	61.1	50.1	75.1



#56
Ethyl methacrylate
Concen: 56.256 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN083929.D
Acq: 16 Sep 2024 19:51

Tgt Ion:	69	Resp:	145237
Ion	Ratio	Lower	Upper
69	100		
41	71.6	53.9	80.9
39	43.9	32.6	48.8





#57

1,3-Dichloropropane

Concen: 51.237 ug/l

RT: 11.159 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN083929.D

Acq: 16 Sep 2024 19:51

Instrument :

MSVOA_N

ClientSampleId :

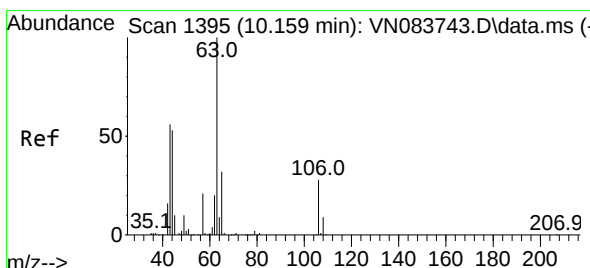
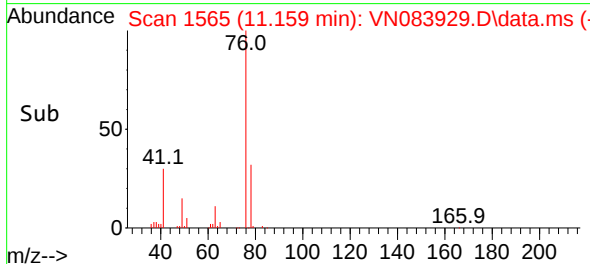
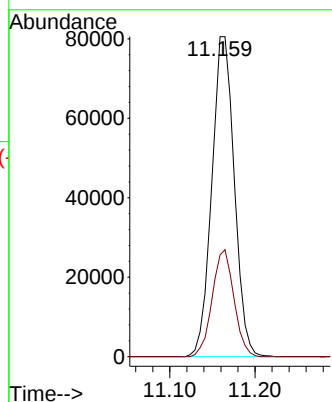
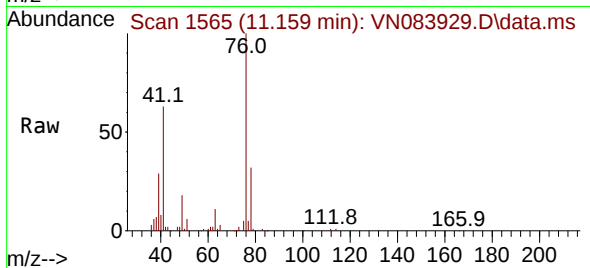
VSTDCCC050EC

Tgt Ion: 76 Resp: 147766

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 326.081 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN083929.D

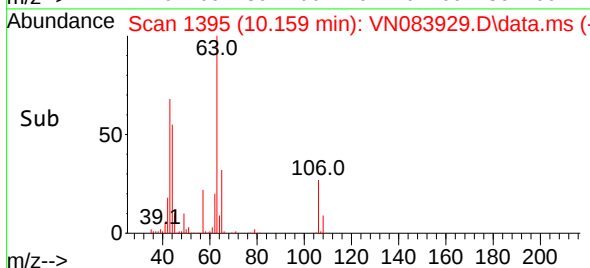
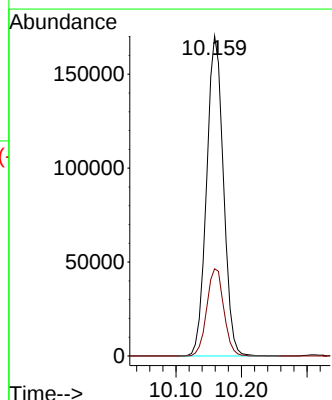
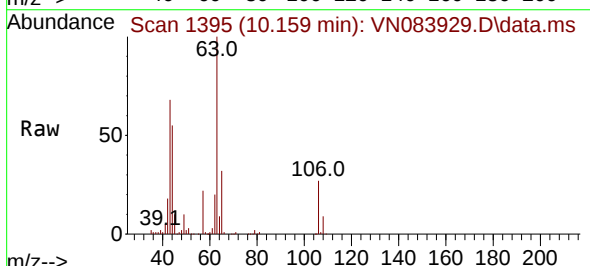
Acq: 16 Sep 2024 19:51

Tgt Ion: 63 Resp: 303337

Ion Ratio Lower Upper

63 100

106 27.6 23.3 34.9

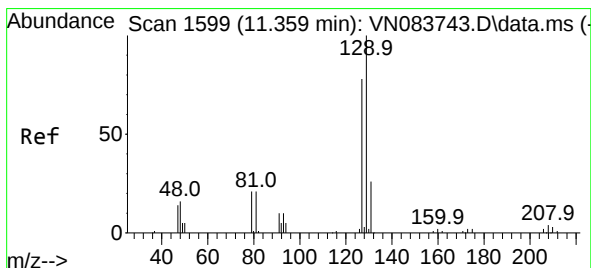
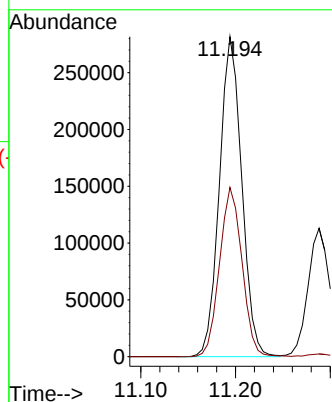
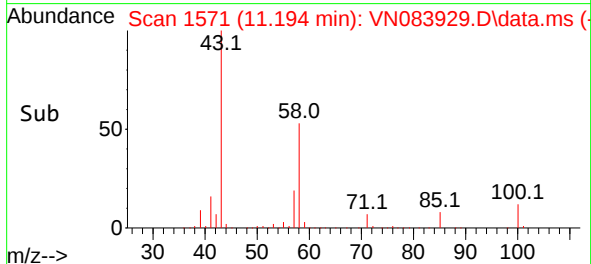
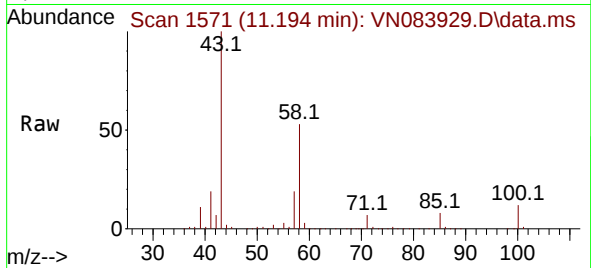




#59
2-Hexanone
Concen: 286.111 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN083929.D
Acq: 16 Sep 2024 19:51

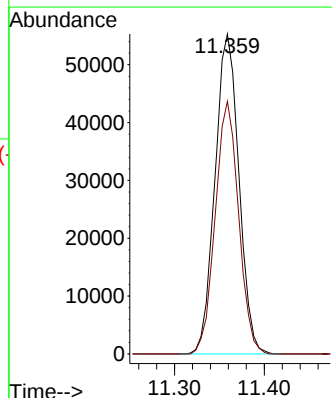
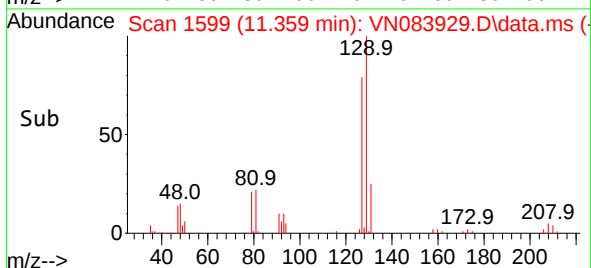
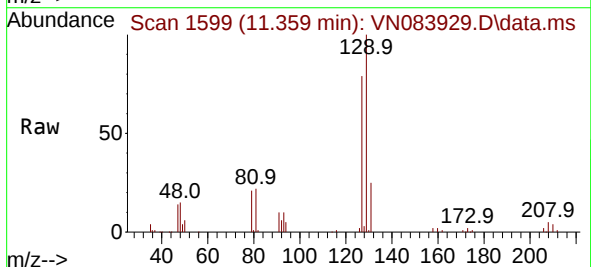
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

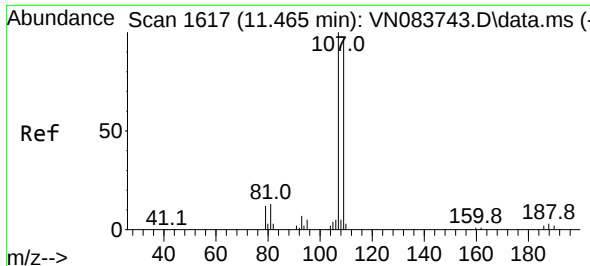
Tgt Ion: 43 Resp: 462655
Ion Ratio Lower Upper
43 100
58 53.1 27.2 81.5



#60
Dibromochloromethane
Concen: 54.517 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN083929.D
Acq: 16 Sep 2024 19:51

Tgt Ion: 129 Resp: 102381
Ion Ratio Lower Upper
129 100
127 77.1 39.0 116.9

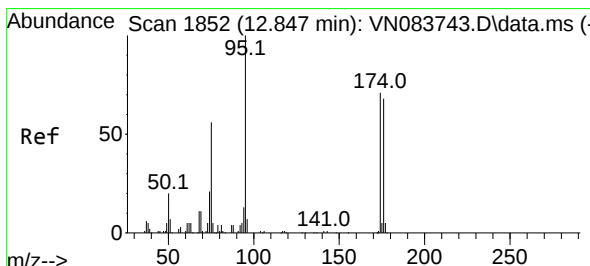
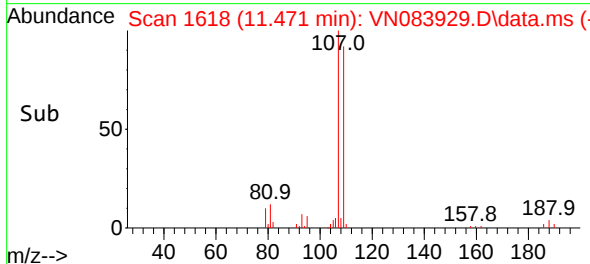
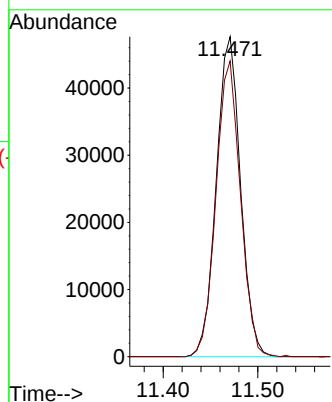
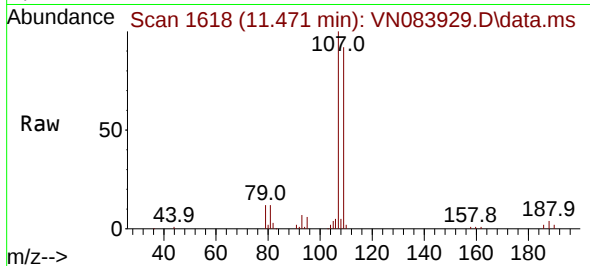




#61
1,2-Dibromoethane
Concen: 50.616 ug/l
RT: 11.471 min Scan# 1617
Delta R.T. 0.006 min
Lab File: VN083929.D
Acq: 16 Sep 2024 19:51

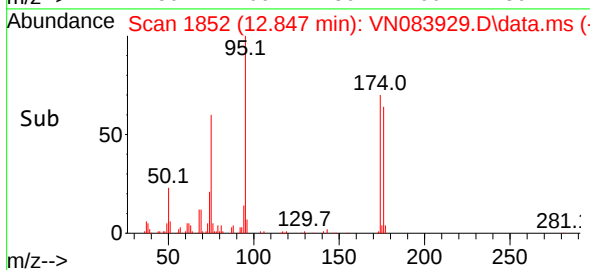
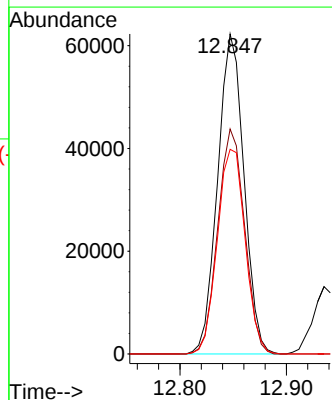
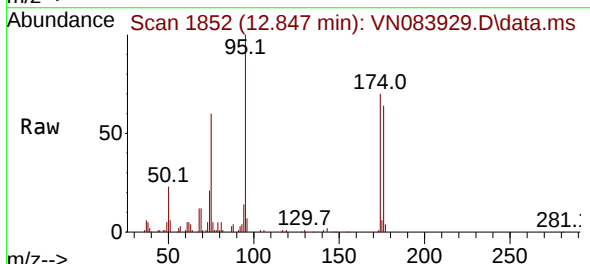
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

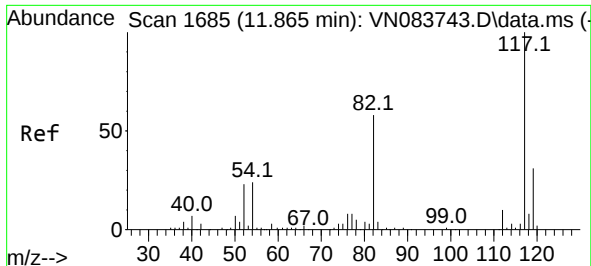
Tgt Ion:107 Resp: 84707
Ion Ratio Lower Upper
107 100
109 93.2 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 46.193 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083929.D
Acq: 16 Sep 2024 19:51

Tgt Ion: 95 Resp: 106867
Ion Ratio Lower Upper
95 100
174 71.5 0.0 139.8
176 67.7 0.0 131.4

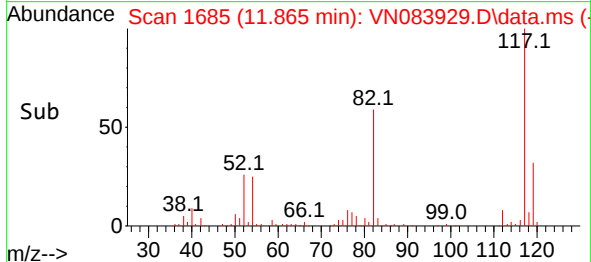
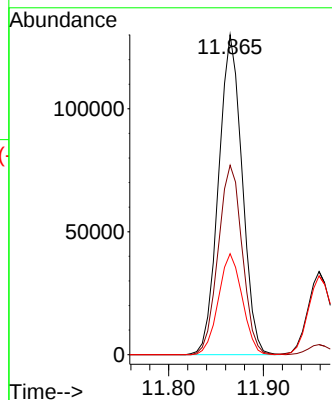
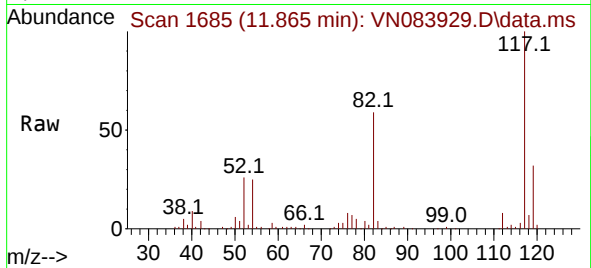




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN083929.D
Acq: 16 Sep 2024 19:51

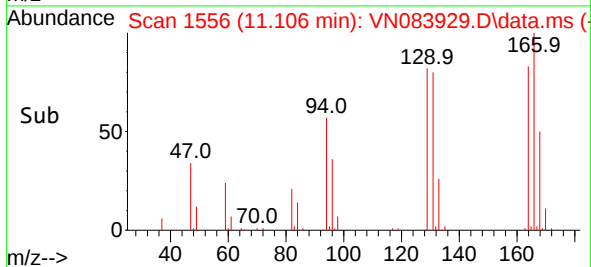
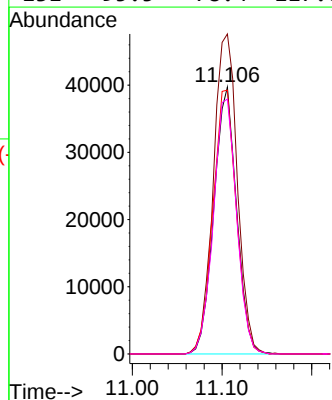
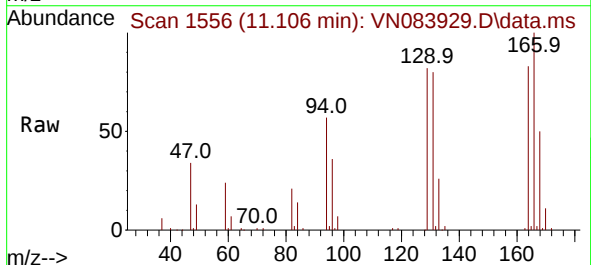
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

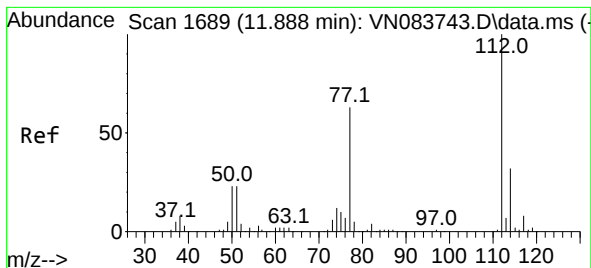
Tgt Ion:117 Resp: 225423
Ion Ratio Lower Upper
117 100
82 59.2 47.4 71.0
119 31.6 26.3 39.5



#64
Tetrachloroethene
Concen: 46.527 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN083929.D
Acq: 16 Sep 2024 19:51

Tgt Ion:164 Resp: 69750
Ion Ratio Lower Upper
164 100
166 119.9 103.7 155.5
129 98.9 79.9 119.9
131 95.5 78.4 117.6

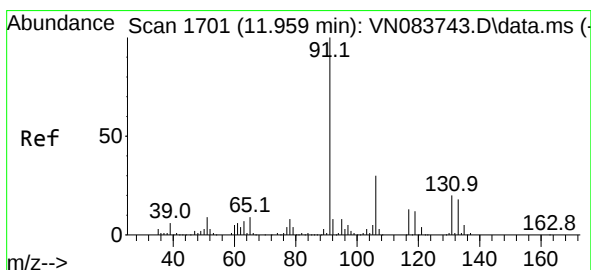
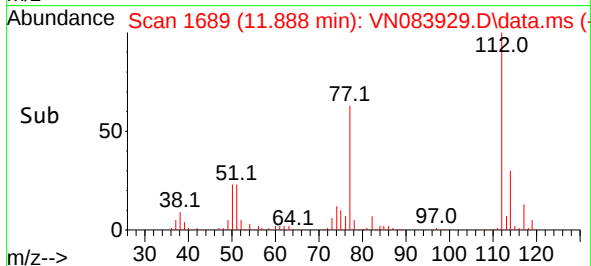
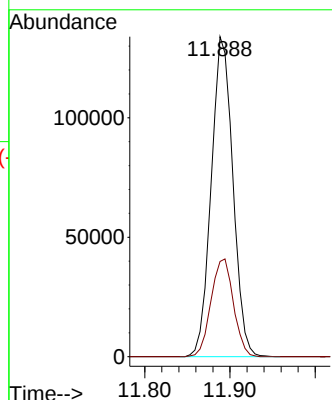
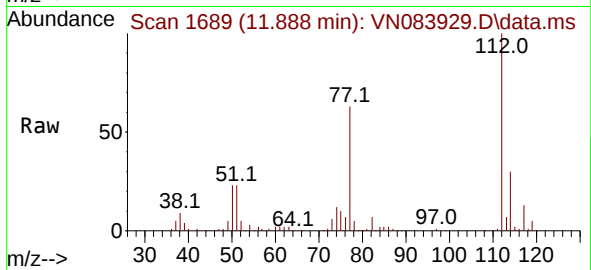




#65
Chlorobenzene
Concen: 47.149 ug/l
RT: 11.888 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN083929.D
Acq: 16 Sep 2024 19:51

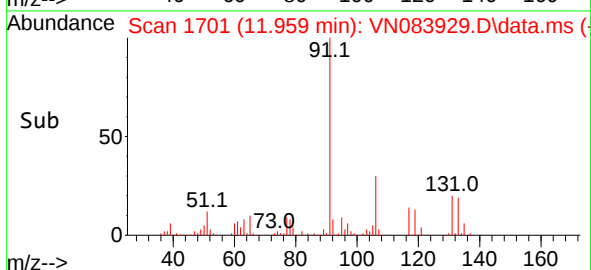
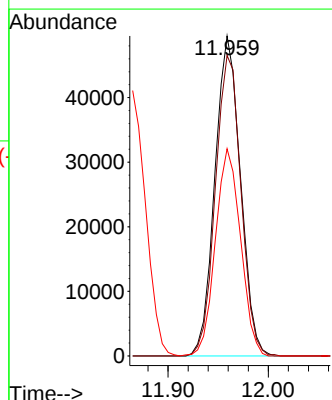
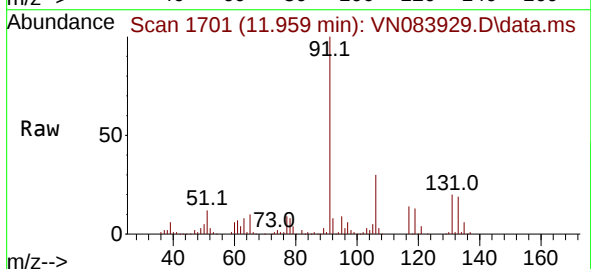
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

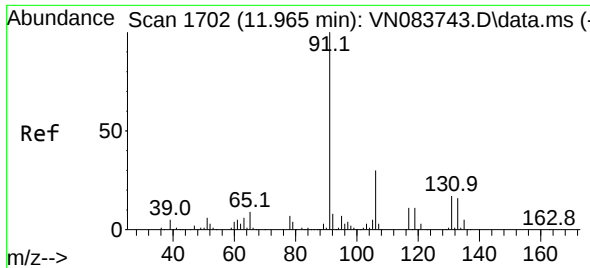
Tgt Ion:112 Resp: 236222
Ion Ratio Lower Upper
112 100
114 29.8 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 50.504 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN083929.D
Acq: 16 Sep 2024 19:51

Tgt Ion:131 Resp: 87718
Ion Ratio Lower Upper
131 100
133 93.7 47.5 142.6
119 63.7 31.6 94.8

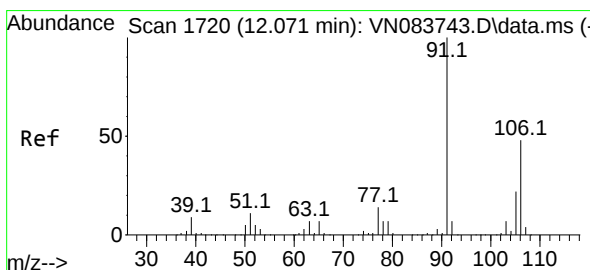
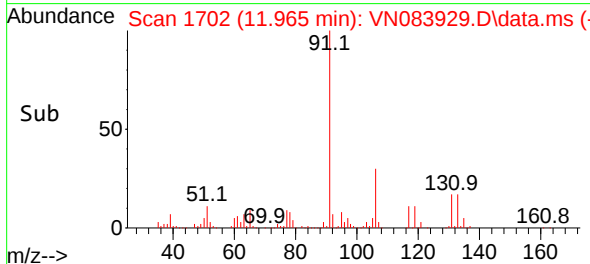
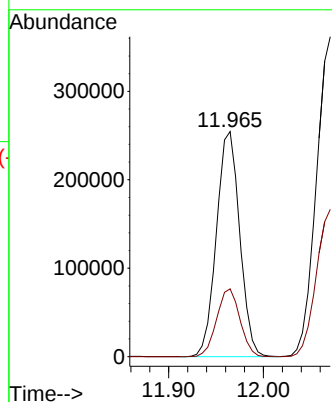
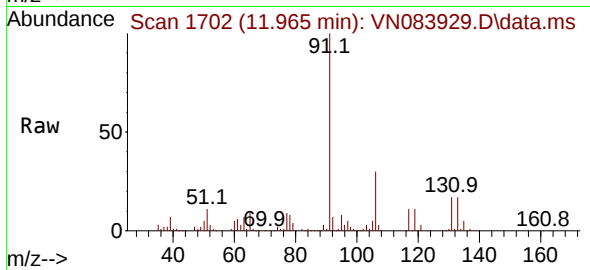




#67
Ethyl Benzene
Concen: 48.813 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN083929.D
Acq: 16 Sep 2024 19:51

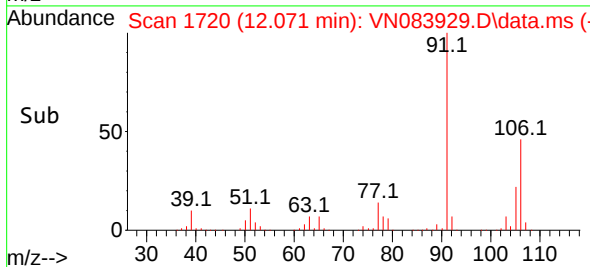
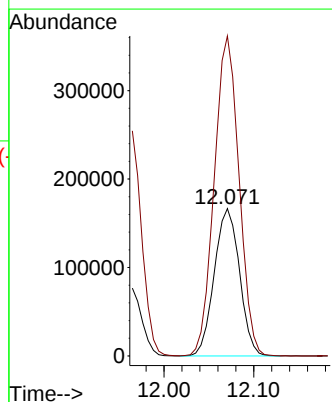
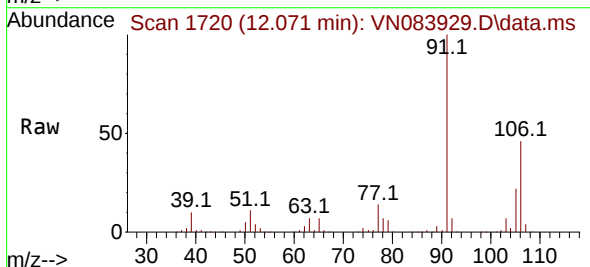
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 434446
Ion Ratio Lower Upper
91 100
106 30.1 24.3 36.5



#68
m/p-Xylenes
Concen: 98.380 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN083929.D
Acq: 16 Sep 2024 19:51

Tgt Ion:106 Resp: 325079
Ion Ratio Lower Upper
106 100
91 213.4 169.2 253.8





#69

o-Xylene

Concen: 49.292 ug/l

RT: 12.394 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VN083929.D

Acq: 16 Sep 2024 19:51

Instrument :

MSVOA_N

ClientSampleId :

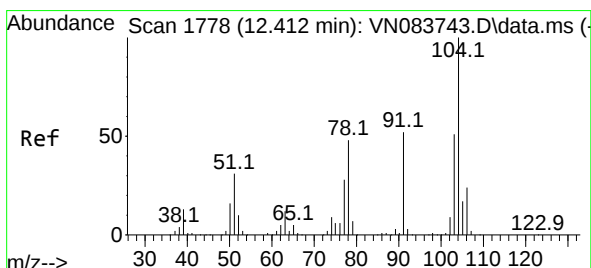
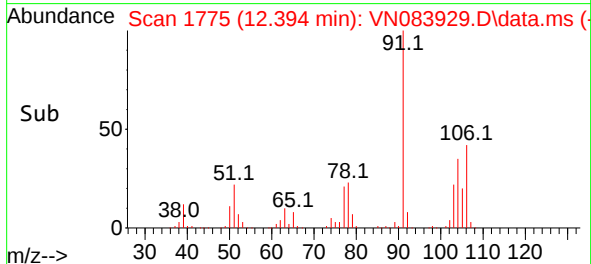
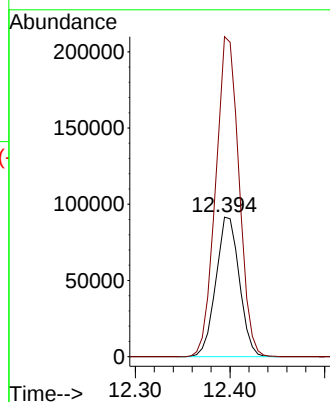
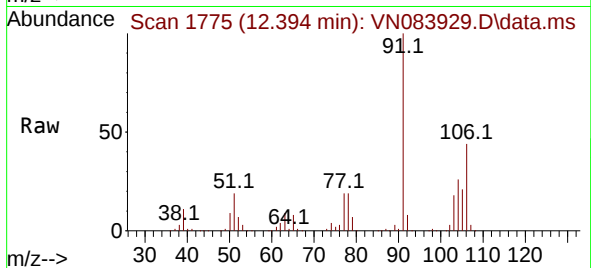
VSTDCCC050EC

Tgt Ion:106 Resp: 157675

Ion Ratio Lower Upper

106 100

91 228.2 112.9 338.6



#70

Styrene

Concen: 51.693 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VN083929.D

Acq: 16 Sep 2024 19:51

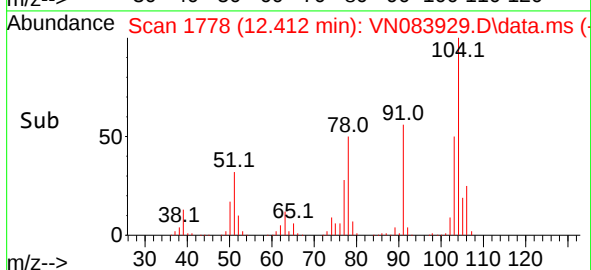
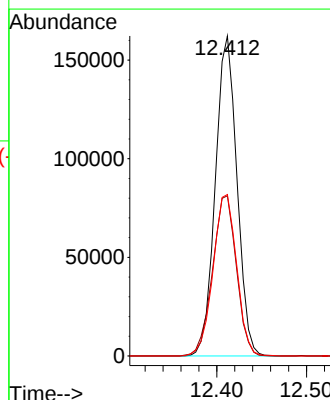
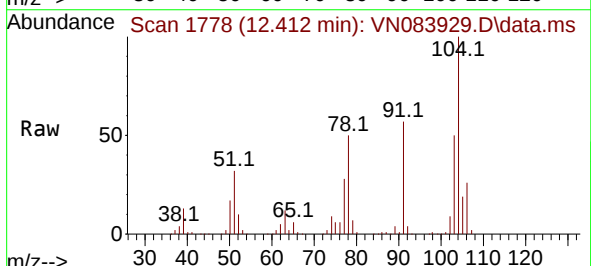
Tgt Ion:104 Resp: 271374

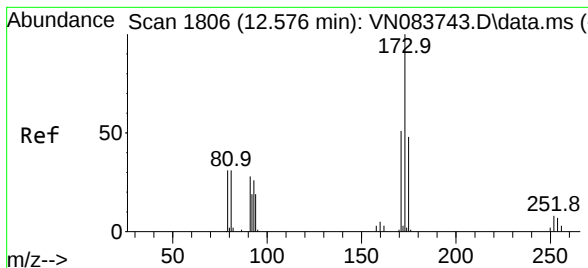
Ion Ratio Lower Upper

104 100

78 55.1 43.3 64.9

103 55.1 43.4 65.2





#71

Bromoform

Concen: 55.341 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VN083929.D

Acq: 16 Sep 2024 19:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

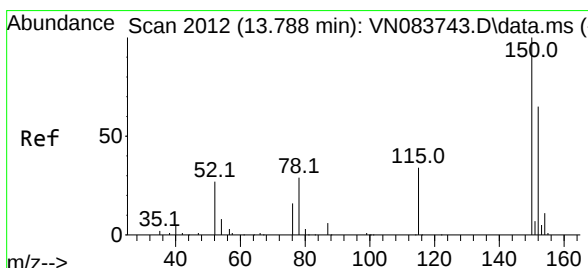
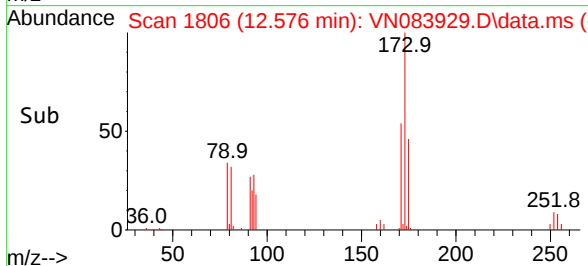
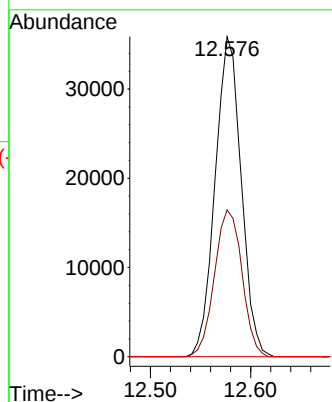
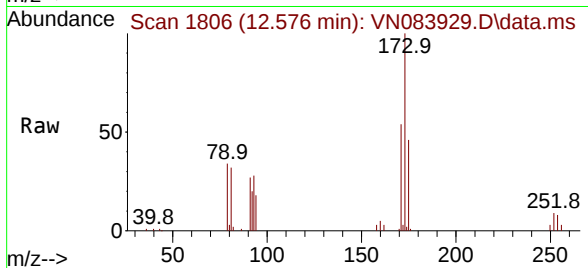
Tgt Ion:173 Resp: 64772

Ion Ratio Lower Upper

173 100

175 48.3 24.1 72.2

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN083929.D

Acq: 16 Sep 2024 19:51

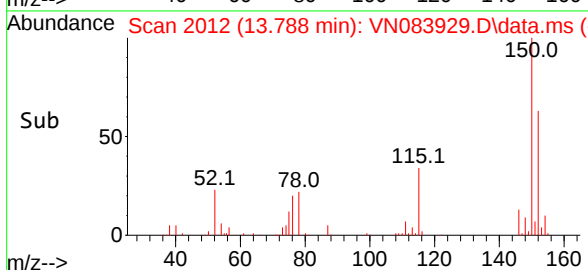
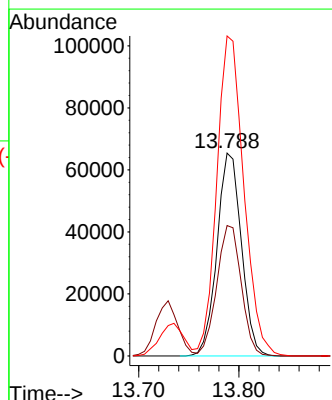
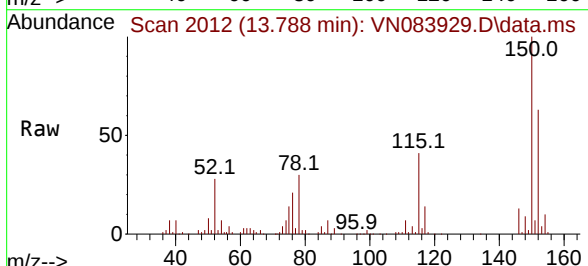
Tgt Ion:152 Resp: 110471

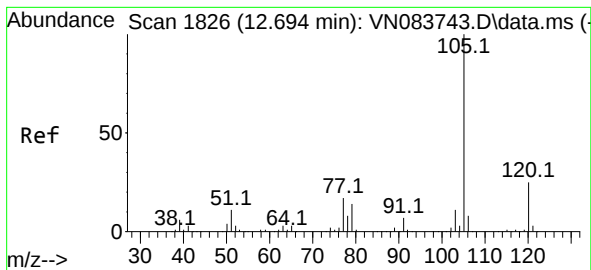
Ion Ratio Lower Upper

152 100

115 64.5 32.2 96.6

150 175.0 0.0 348.6





#73

Isopropylbenzene

Concen: 48.938 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN083929.D

Acq: 16 Sep 2024 19:51

Instrument :

MSVOA_N

ClientSampleId :

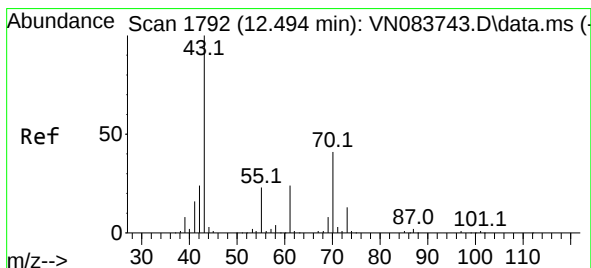
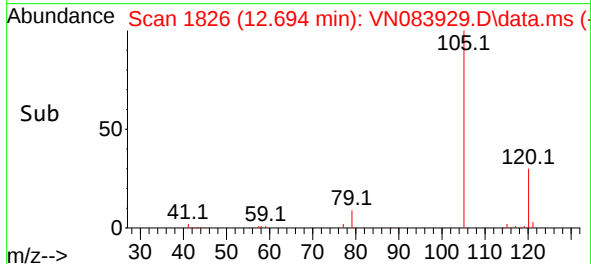
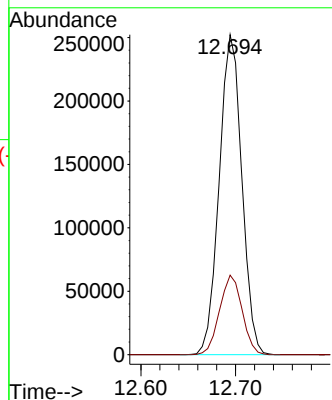
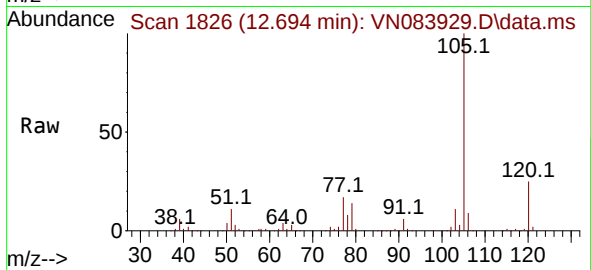
VSTDCCC050EC

Tgt Ion:105 Resp: 418260

Ion Ratio Lower Upper

105 100

120 24.7 12.6 37.8



#74

N-ethyl acetate

Concen: 53.761 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN083929.D

Acq: 16 Sep 2024 19:51

Tgt Ion: 43 Resp: 196039

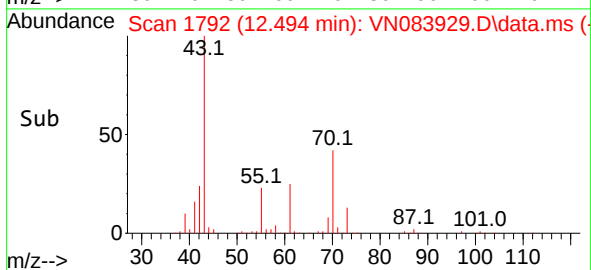
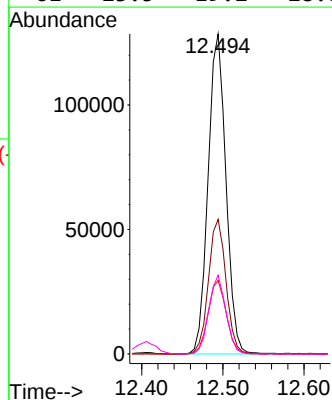
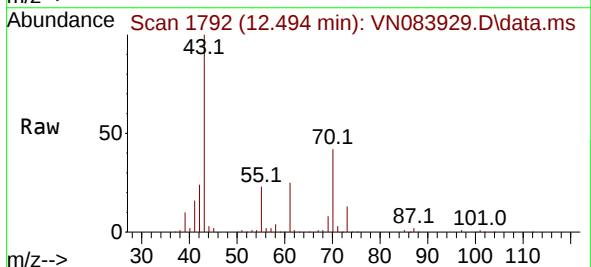
Ion Ratio Lower Upper

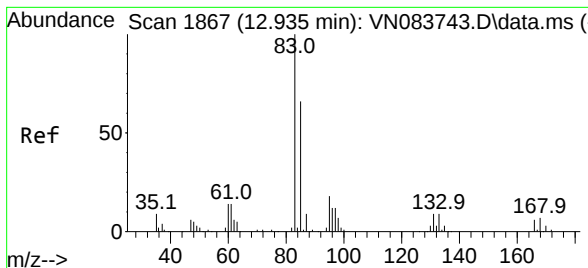
43 100

70 41.4 34.5 51.7

55 23.4 18.6 28.0

61 23.5 19.2 28.8

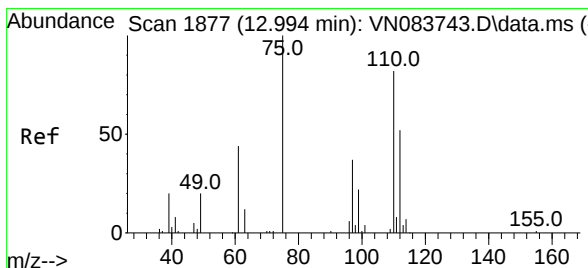
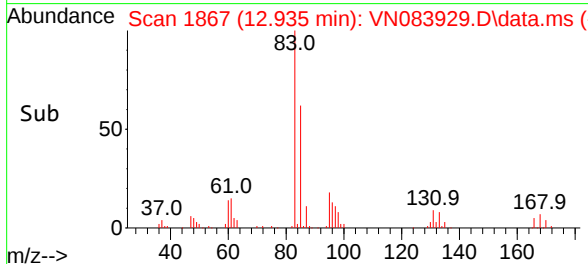
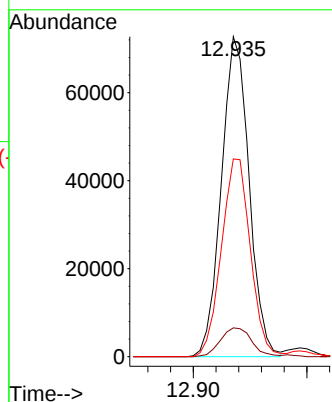
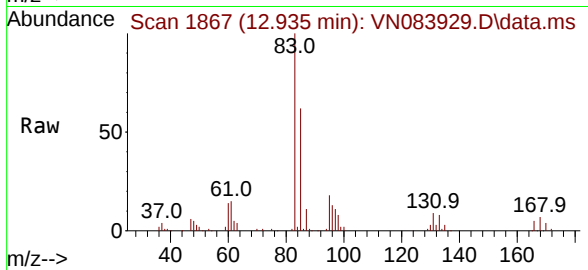




#75
1,1,2,2-Tetrachloroethane
Concen: 49.089 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN083929.D
Acq: 16 Sep 2024 19:51

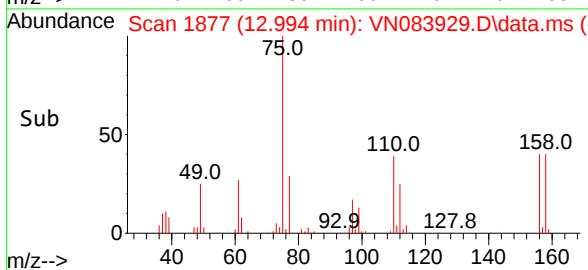
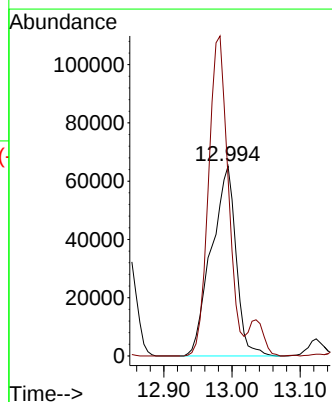
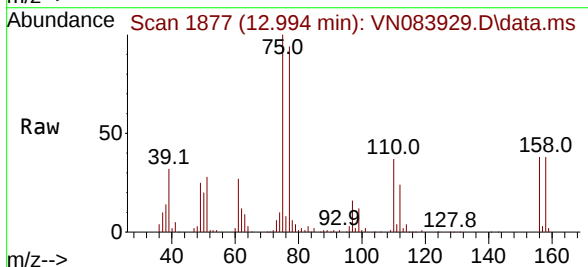
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

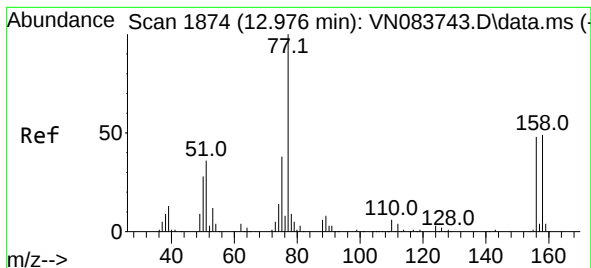
Tgt Ion: 83 Resp: 123271
Ion Ratio Lower Upper
83 100
131 10.4 5.2 15.6
85 64.7 31.9 95.9



#76
1,2,3-Trichloropropane
Concen: 73.634 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN083929.D
Acq: 16 Sep 2024 19:51

Tgt Ion: 75 Resp: 164137
Ion Ratio Lower Upper
75 100
77 134.4 95.2 285.6





#77

Bromobenzene

Concen: 46.004 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. 0.000 min

Lab File: VN083929.D

Acq: 16 Sep 2024 19:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

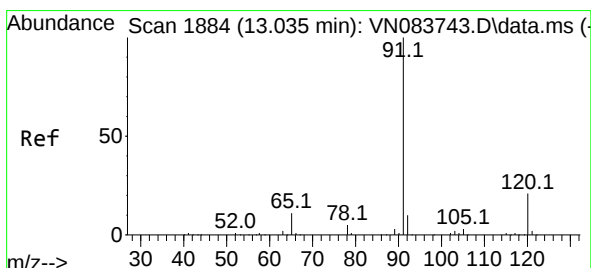
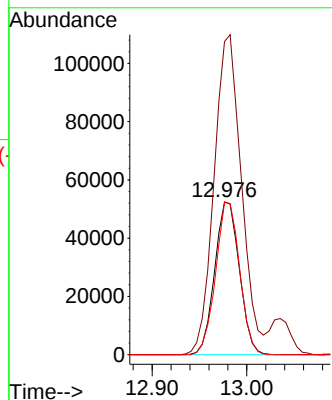
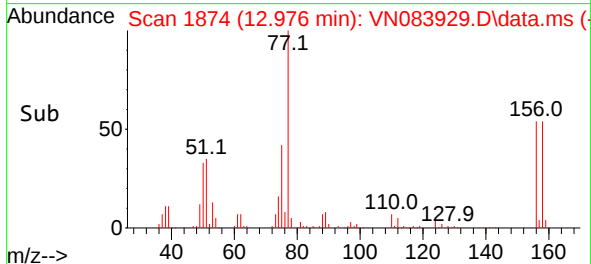
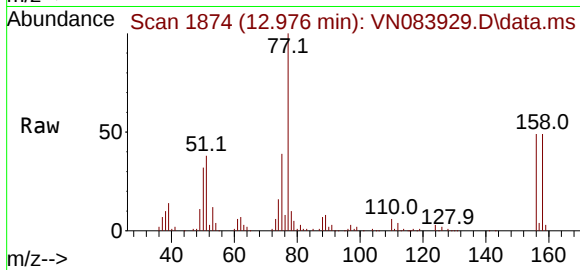
Tgt Ion:156 Resp: 94643

Ion Ratio Lower Upper

156 100

77 233.1 114.3 343.1

158 97.5 48.9 146.7



#78

n-propylbenzene

Concen: 49.386 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN083929.D

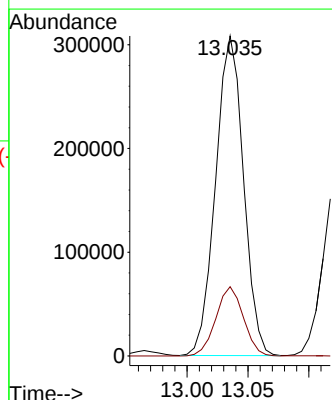
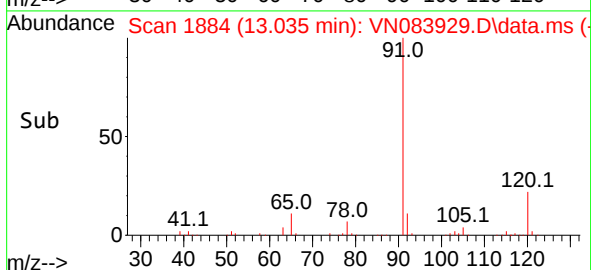
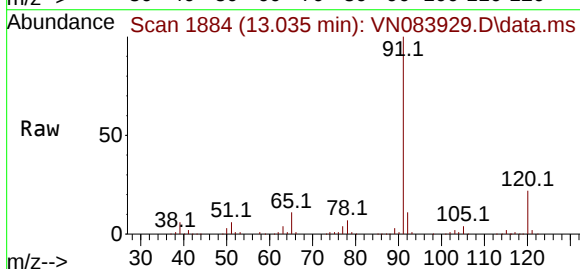
Acq: 16 Sep 2024 19:51

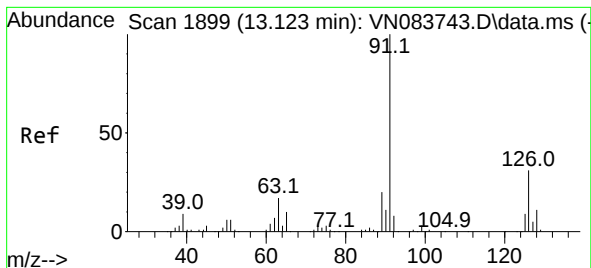
Tgt Ion: 91 Resp: 491108

Ion Ratio Lower Upper

91 100

120 21.3 11.0 33.0

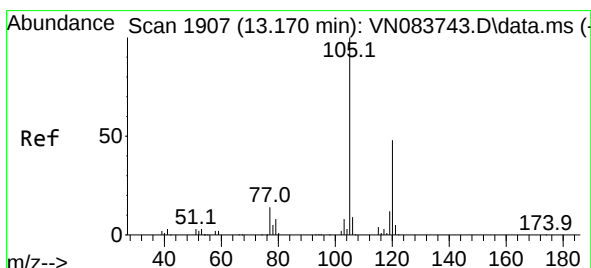
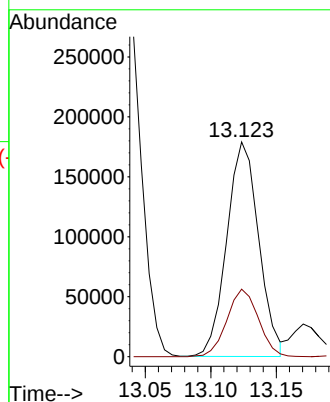
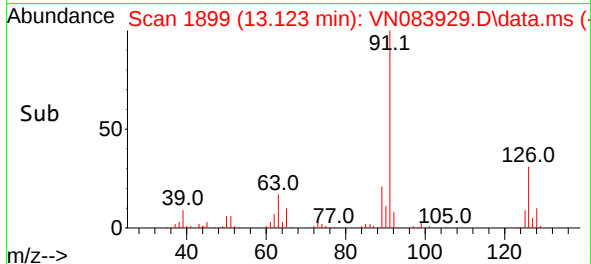
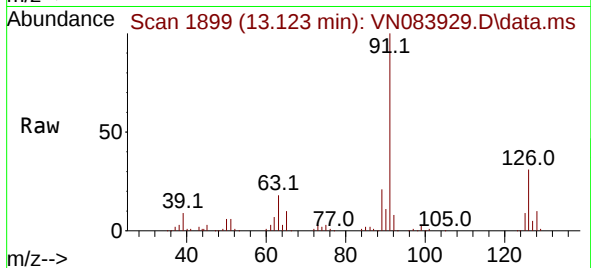




#79
2-Chlorotoluene
Concen: 47.807 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN083929.D
Acq: 16 Sep 2024 19:51

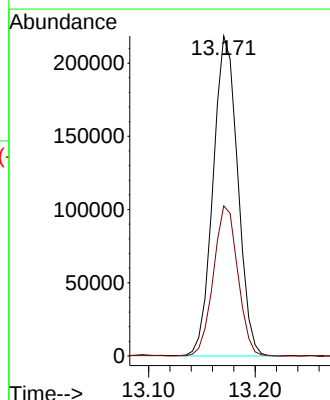
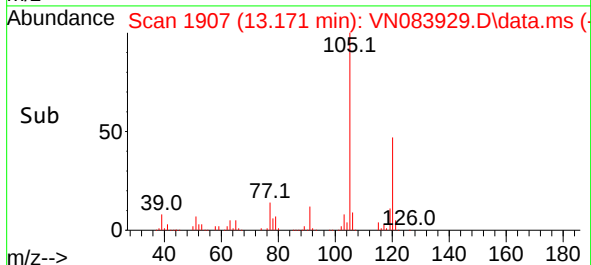
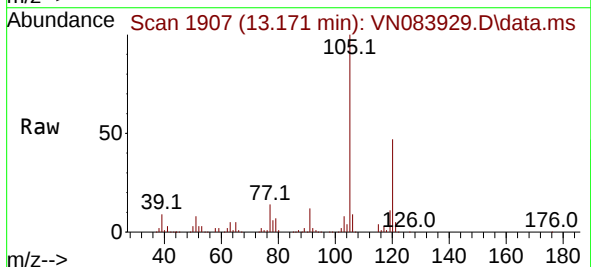
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

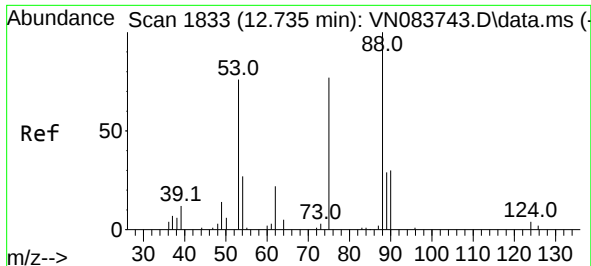
Tgt Ion: 91 Resp: 303190
Ion Ratio Lower Upper
91 100
126 31.0 15.4 46.2



#80
1,3,5-Trimethylbenzene
Concen: 48.682 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN083929.D
Acq: 16 Sep 2024 19:51

Tgt Ion: 105 Resp: 350788
Ion Ratio Lower Upper
105 100
120 46.4 23.4 70.3

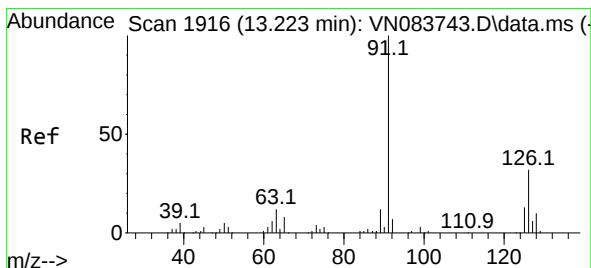
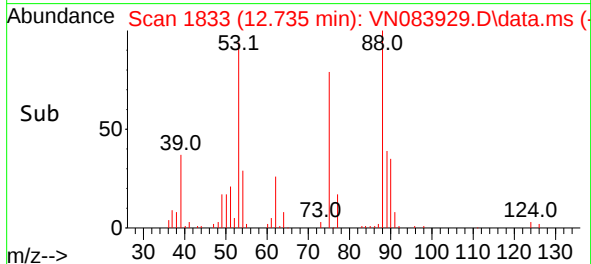
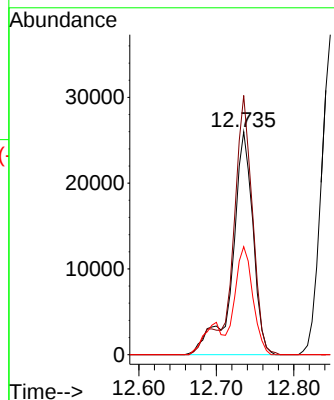
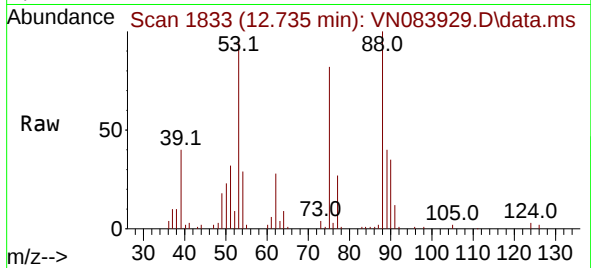




#81
trans-1,4-Dichloro-2-butene
Concen: 56.427 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN083929.D
Acq: 16 Sep 2024 19:51

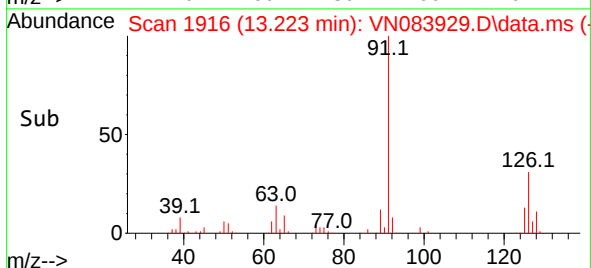
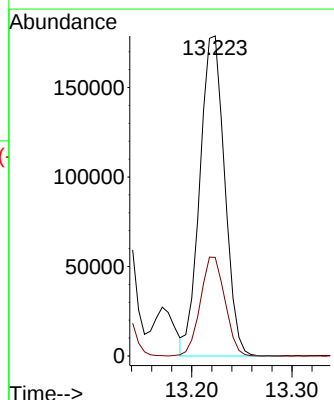
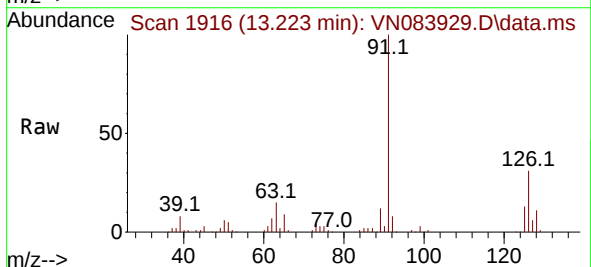
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

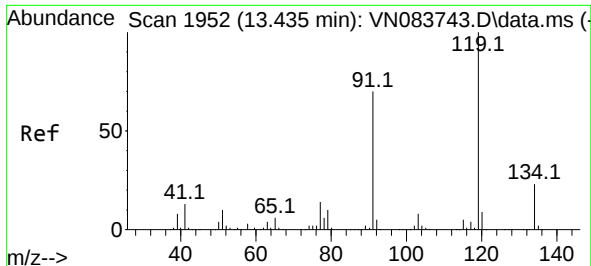
Tgt Ion: 75 Resp: 48025
Ion Ratio Lower Upper
75 100
53 110.7 81.2 121.8
89 41.8 35.7 53.5



#82
4-Chlorotoluene
Concen: 48.323 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN083929.D
Acq: 16 Sep 2024 19:51

Tgt Ion: 91 Resp: 307538
Ion Ratio Lower Upper
91 100
126 30.6 15.4 46.2

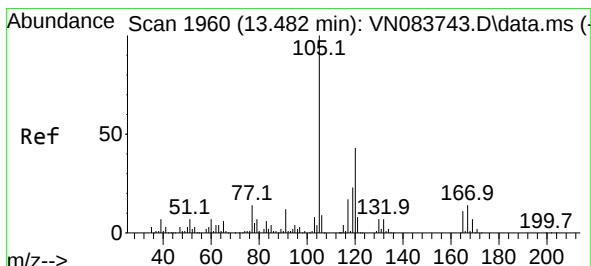
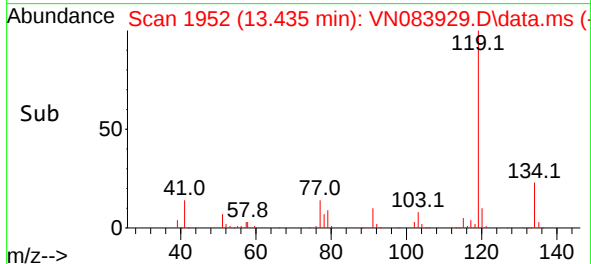
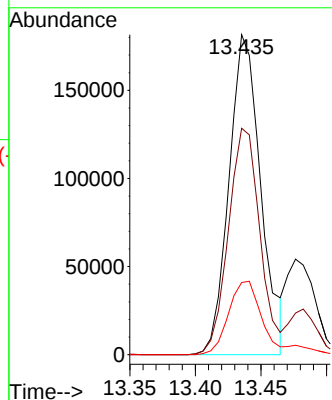
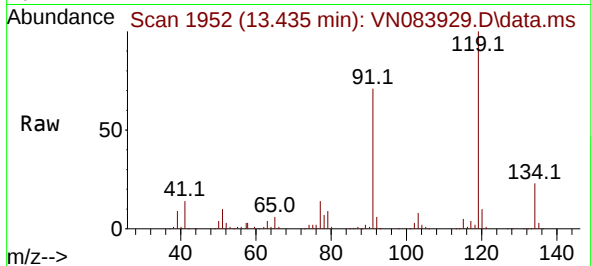




#83
 tert-Butylbenzene
 Concen: 48.578 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VN083929.D
 Acq: 16 Sep 2024 19:51

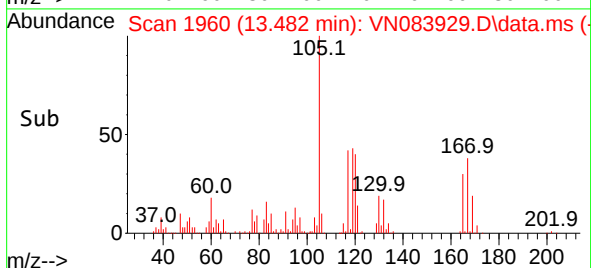
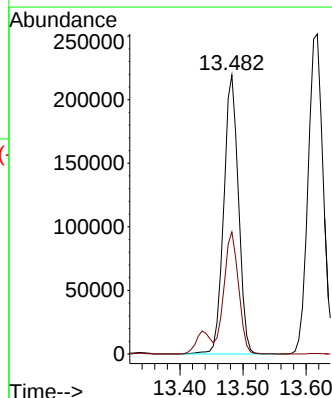
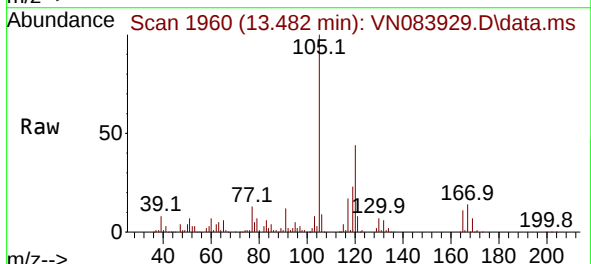
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

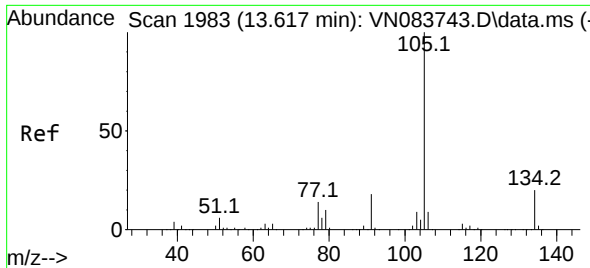
Tgt Ion:119 Resp: 306244
 Ion Ratio Lower Upper
 119 100
 91 70.3 34.5 103.6
 134 25.7 12.8 38.4



#84
 1,2,4-Trimethylbenzene
 Concen: 48.892 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.000 min
 Lab File: VN083929.D
 Acq: 16 Sep 2024 19:51

Tgt Ion:105 Resp: 353893
 Ion Ratio Lower Upper
 105 100
 120 43.4 21.8 65.4

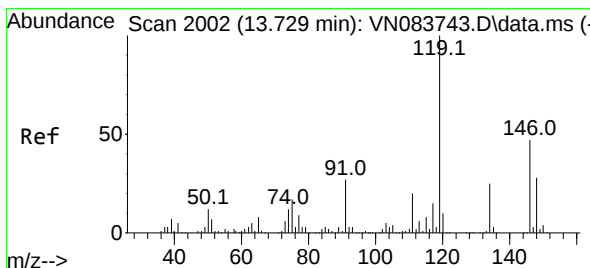
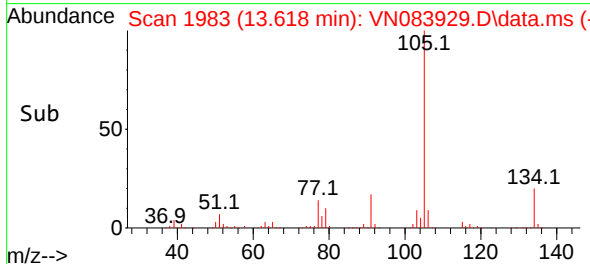
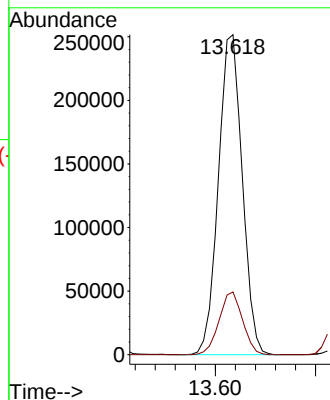
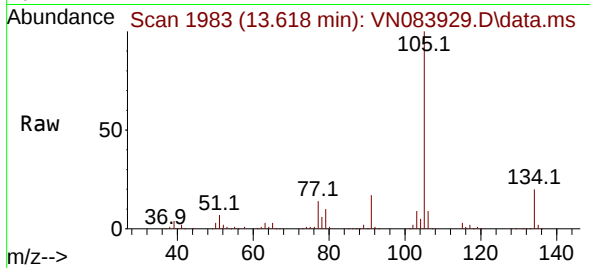




#85
 sec-Butylbenzene
 Concen: 49.660 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN083929.D
 Acq: 16 Sep 2024 19:51

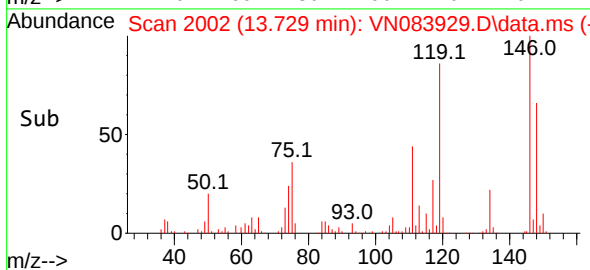
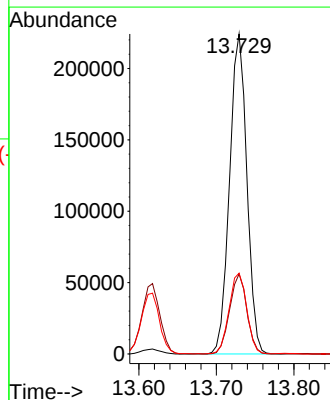
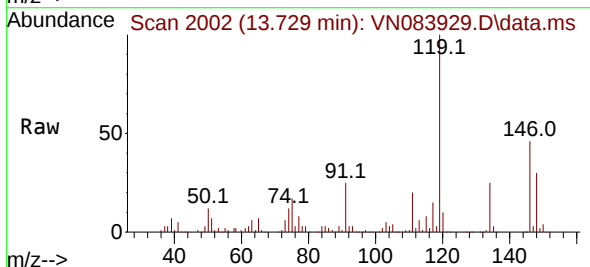
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

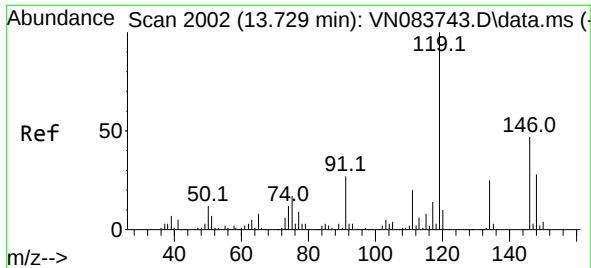
Tgt Ion:105 Resp: 415194
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 49.660 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN083929.D
 Acq: 16 Sep 2024 19:51

Tgt Ion:119 Resp: 348047
 Ion Ratio Lower Upper
 119 100
 134 24.8 12.8 38.3
 91 25.8 12.9 38.7

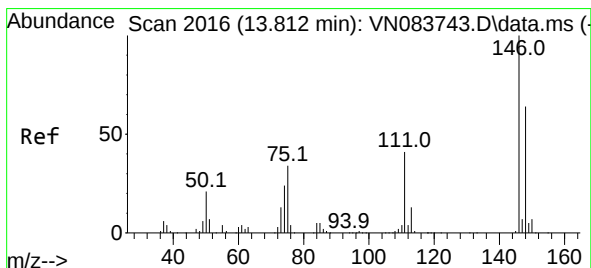
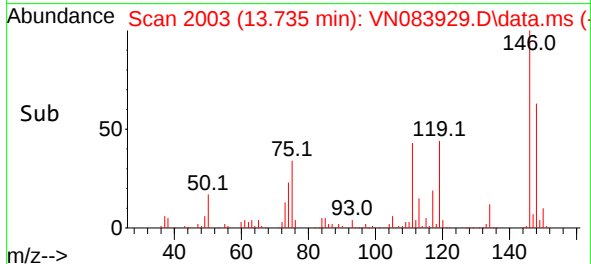
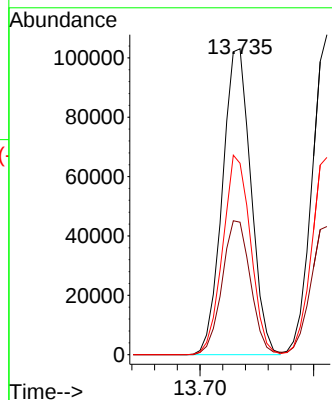
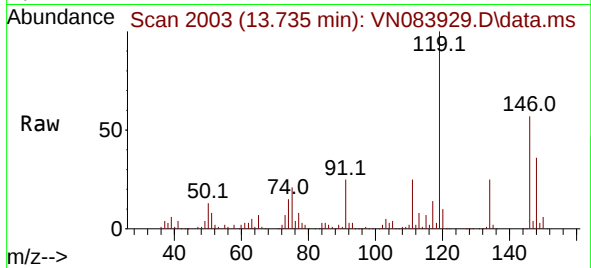




#87
1,3-Dichlorobenzene
Concen: 46.267 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.006 min
Lab File: VN083929.D
Acq: 16 Sep 2024 19:51

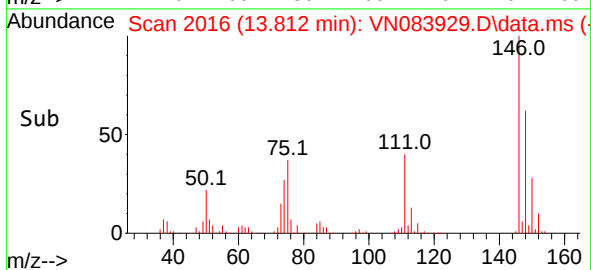
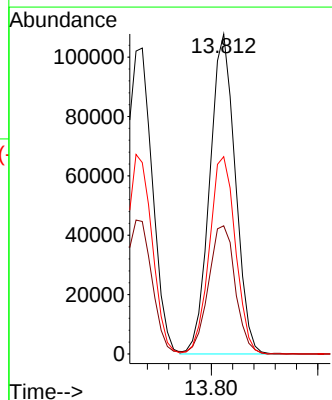
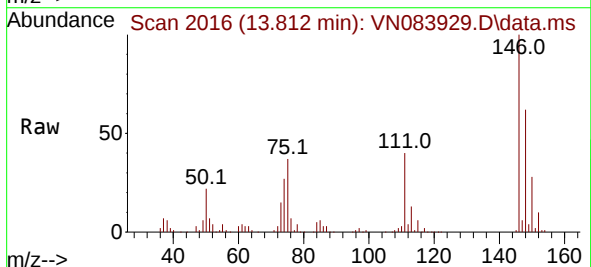
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

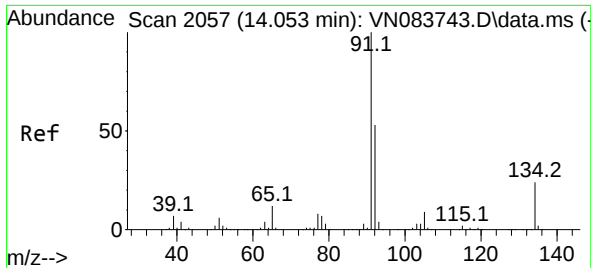
Tgt Ion:146 Resp: 179636
Ion Ratio Lower Upper
146 100
111 43.7 21.7 65.1
148 63.6 31.7 95.1



#88
1,4-Dichlorobenzene
Concen: 45.617 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN083929.D
Acq: 16 Sep 2024 19:51

Tgt Ion:146 Resp: 179342
Ion Ratio Lower Upper
146 100
111 41.9 21.3 64.0
148 62.9 32.0 96.2

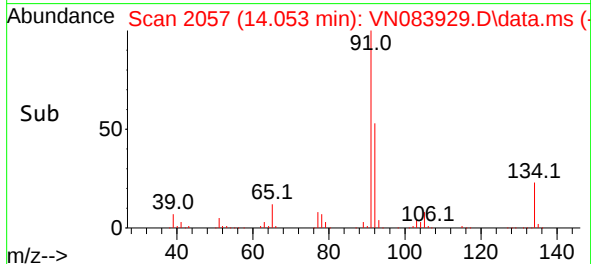
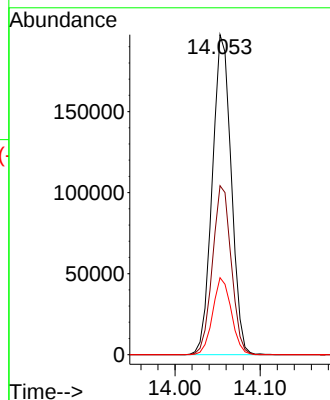
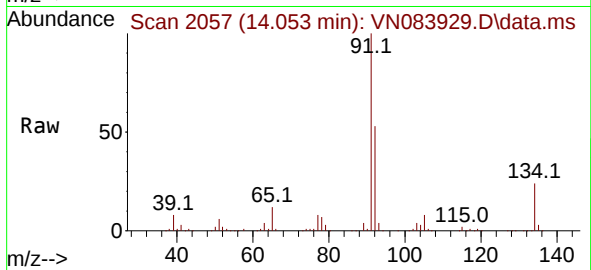




#89
n-Butylbenzene
Concen: 48.476 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN083929.D
Acq: 16 Sep 2024 19:51

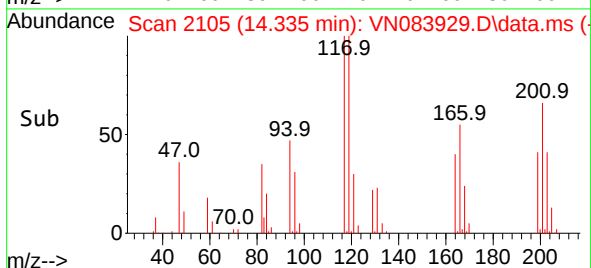
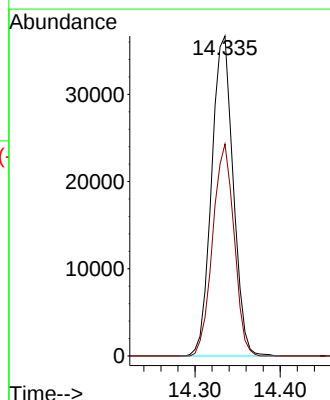
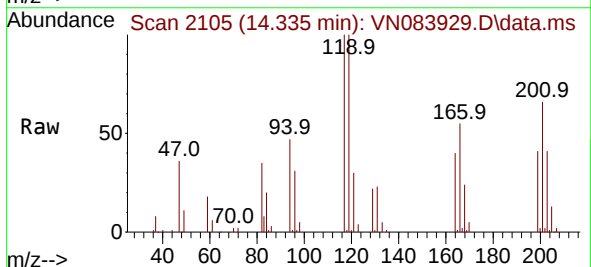
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

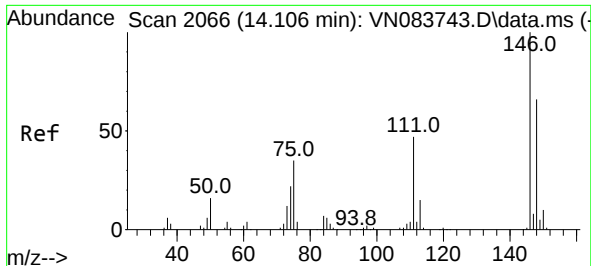
Tgt Ion: 91 Resp: 305043
Ion Ratio Lower Upper
91 100
92 52.4 26.7 80.1
134 23.6 12.2 36.4



#90
Hexachloroethane
Concen: 45.812 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN083929.D
Acq: 16 Sep 2024 19:51

Tgt Ion: 117 Resp: 64543
Ion Ratio Lower Upper
117 100
201 65.6 32.8 98.3





#91

1,2-Dichlorobenzene

Concen: 46.949 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN083929.D

Acq: 16 Sep 2024 19:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

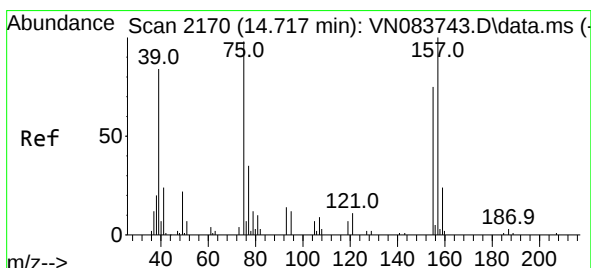
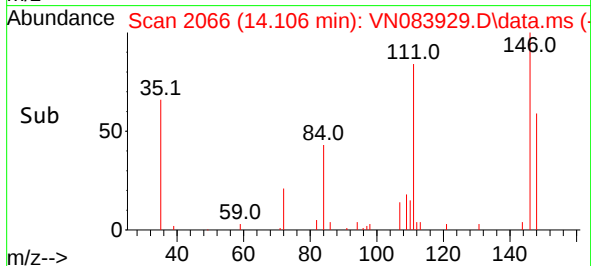
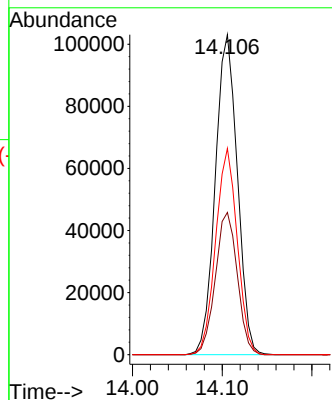
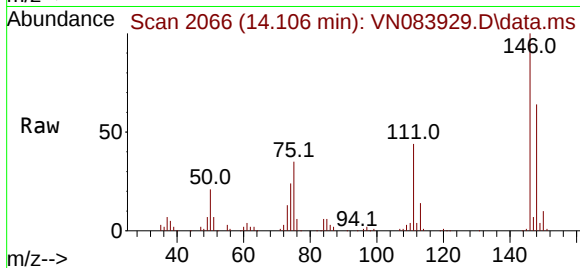
Tgt Ion:146 Resp: 175924

Ion Ratio Lower Upper

146 100

111 44.3 22.8 68.3

148 63.0 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 54.408 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.006 min

Lab File: VN083929.D

Acq: 16 Sep 2024 19:51

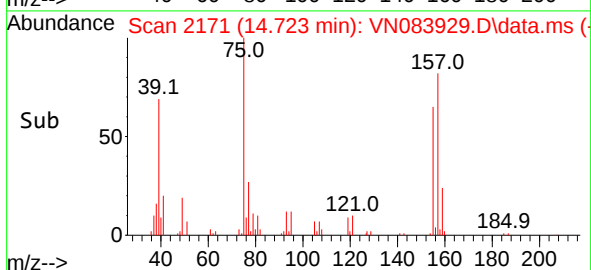
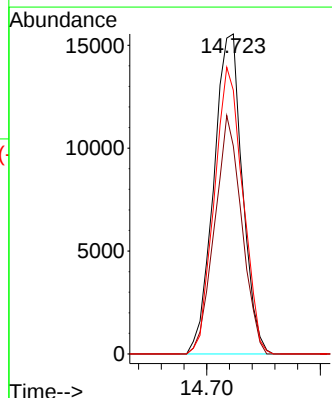
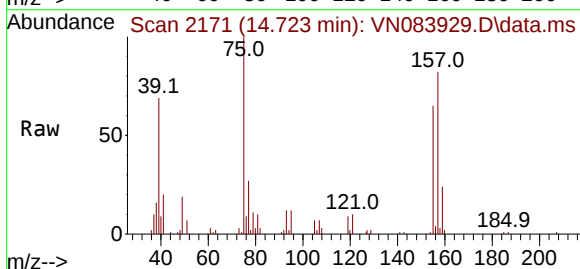
Tgt Ion: 75 Resp: 27236

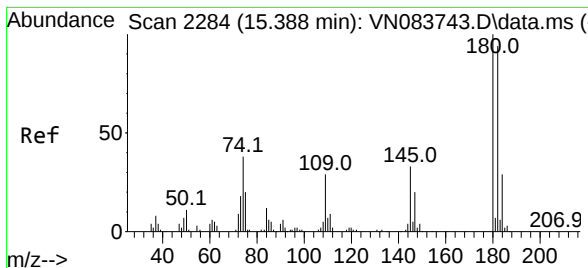
Ion Ratio Lower Upper

75 100

155 70.6 35.9 107.7

157 89.2 47.5 142.5





#93

1,2,4-Trichlorobenzene

Concen: 43.490 ug/l

RT: 15.394 min Scan# 2285

Delta R.T. 0.006 min

Lab File: VN083929.D

Acq: 16 Sep 2024 19:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

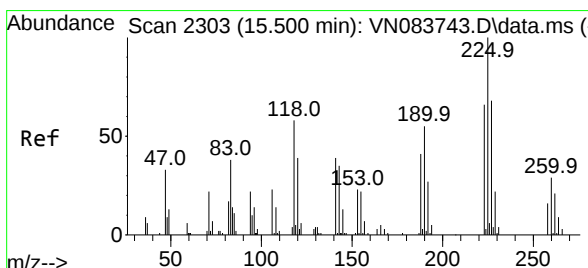
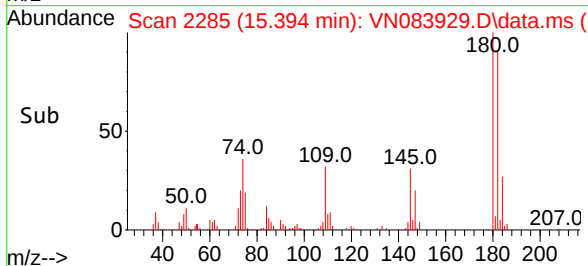
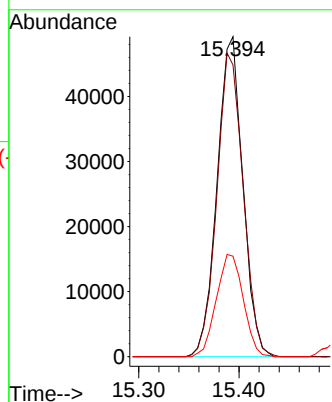
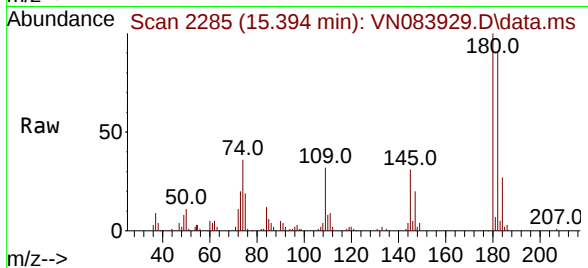
Tgt Ion:180 Resp: 87448

Ion Ratio Lower Upper

180 100

182 96.7 48.1 144.3

145 33.3 16.9 50.7



#94

Hexachlorobutadiene

Concen: 44.962 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VN083929.D

Acq: 16 Sep 2024 19:51

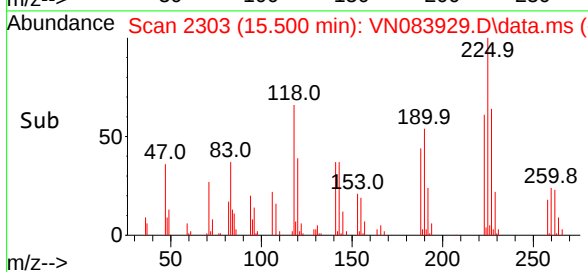
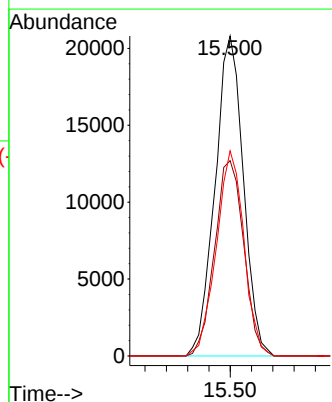
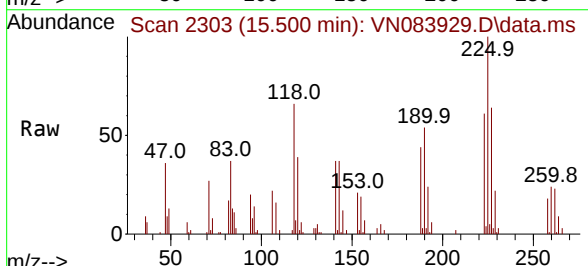
Tgt Ion:225 Resp: 38395

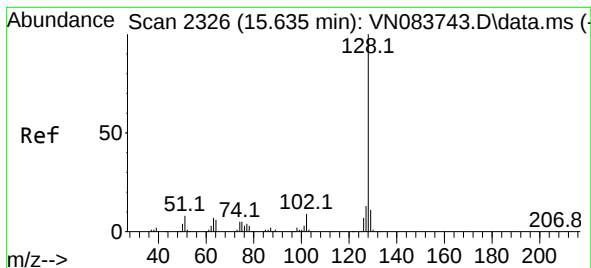
Ion Ratio Lower Upper

225 100

223 62.7 31.9 95.5

227 62.3 32.0 96.2





#95

Naphthalene

Concen: 50.407 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN083929.D

Acq: 16 Sep 2024 19:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

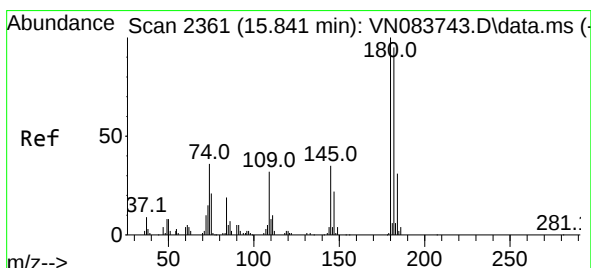
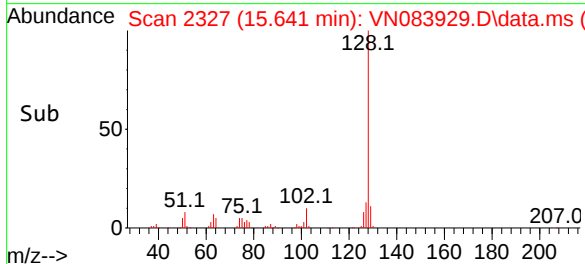
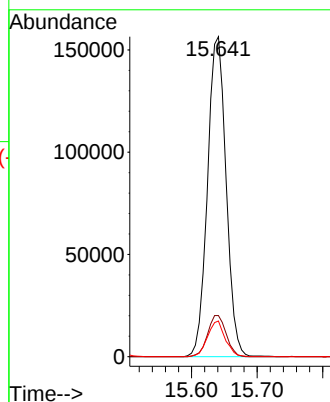
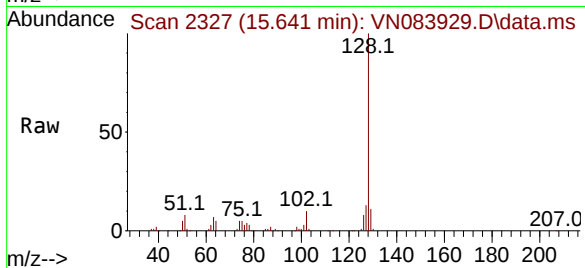
Tgt Ion:128 Resp: 308363

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

129 10.6 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 44.967 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN083929.D

Acq: 16 Sep 2024 19:51

Tgt Ion:180 Resp: 86414

Ion Ratio Lower Upper

180 100

182 96.1 47.1 141.4

145 35.8 17.8 53.5

