

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072924\
 Data File : VD079445.D
 Acq On : 29 Jul 2024 19:30
 Operator : RP/MD
 Sample : VSTDICC005
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Quant Time: Jul 30 03:09:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:09:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	236936	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	409481	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	384937	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	186941	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	12782	5.310	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	10.620%#
35) Dibromofluoromethane	7.805	113	14488	5.227	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	10.460%#
50) Toluene-d8	10.263	98	51342	4.770	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	9.540%#
62) 4-Bromofluorobenzene	12.569	95	15428	4.953	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	9.900%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	9811	5.285	ug/l	99
3) Chloromethane	2.146	50	19100	5.584	ug/l	95
4) Vinyl Chloride	2.281	62	21002	5.164	ug/l	95
5) Bromomethane	2.687	94	20908	5.817	ug/l	93
6) Chloroethane	2.828	64	14829	5.674	ug/l	94
7) Trichlorofluoromethane	3.170	101	21379	5.286	ug/l	94
8) Diethyl Ether	3.593	74	6154	5.037	ug/l	59
9) 1,1,2-Trichlorotrifluo...	3.964	101	14064	5.498	ug/l	97
10) Methyl Iodide	4.152	142	11129	4.435	ug/l	95
11) Tert butyl alcohol	5.046	59	4711	19.305	ug/l #	86
12) 1,1-Dichloroethene	3.928	96	13468	5.261	ug/l #	82
13) Acrolein	3.793	56	5842	3.455	ug/l	99
14) Allyl chloride	4.552	41	17485	5.172	ug/l #	87
15) Acrylonitrile	5.252	53	15696	27.492	ug/l	94
16) Acetone	4.022	43	12450	26.615	ug/l #	85
17) Carbon Disulfide	4.264	76	44122	5.221	ug/l	98
18) Methyl Acetate	4.569	43	8407	5.788	ug/l #	84
19) Methyl tert-butyl Ether	5.316	73	26357	5.044	ug/l	97
20) Methylene Chloride	4.799	84	53029	9.191	ug/l	91
21) trans-1,2-Dichloroethene	5.311	96	15107	5.253	ug/l #	88
22) Diisopropyl ether	6.211	45	37108	4.934	ug/l #	88
23) Vinyl Acetate	6.152	43	138515	24.498	ug/l #	90
24) 1,1-Dichloroethane	6.105	63	27278	5.412	ug/l	99
25) 2-Butanone	7.093	43	18468	27.847	ug/l #	86
26) 2,2-Dichloropropane	7.081	77	22239	5.455	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	16433	4.999	ug/l	80
28) Bromochloromethane	7.416	49	12664	5.729	ug/l #	74
29) Tetrahydrofuran	7.446	42	10990	26.740	ug/l #	81
30) Chloroform	7.593	83	27808	5.448	ug/l	92
31) Cyclohexane	7.881	56	23055	5.767	ug/l #	91
32) 1,1,1-Trichloroethane	7.793	97	21955	5.212	ug/l	96
36) 1,1-Dichloropropene	8.010	75	18476	4.884	ug/l	95
37) Ethyl Acetate	7.175	43	8171	5.268	ug/l #	93
38) Carbon Tetrachloride	7.987	117	20225	5.086	ug/l	87
39) Methylcyclohexane	9.275	83	21274	4.713	ug/l	91
40) Benzene	8.252	78	60033	4.996	ug/l	96

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 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.416	41	4528	5.307	ug/l #	73
42) 1,2-Dichloroethane	8.322	62	15260	5.330	ug/l	98
43) Isopropyl Acetate	8.357	43	15064	5.168	ug/l #	94
44) Trichloroethene	9.028	130	14978	5.008	ug/l	89
45) 1,2-Dichloropropane	9.299	63	15081	5.158	ug/l #	87
46) Dibromomethane	9.393	93	8540	5.268	ug/l	98
47) Bromodichloromethane	9.581	83	20307	5.102	ug/l	95
48) Methyl methacrylate	9.381	41	6401	4.907	ug/l	89
49) 1,4-Dioxane	9.393	88	1632	97.164	ug/l #	72
51) 4-Methyl-2-Pentanone	10.157	43	35282	23.707	ug/l	92
52) Toluene	10.328	92	34658	4.664	ug/l	99
53) t-1,3-Dichloropropene	10.546	75	17642	4.800	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	21737	4.917	ug/l #	89
55) 1,1,2-Trichloroethane	10.728	97	11116	5.206	ug/l	92
56) Ethyl methacrylate	10.599	69	11677	4.615	ug/l	90
57) 1,3-Dichloropropane	10.875	76	18348	5.057	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	26673	22.860	ug/l	92
59) 2-Hexanone	10.916	43	23223	22.374	ug/l	97
60) Dibromochloromethane	11.069	129	14200	5.091	ug/l	97
61) 1,2-Dibromoethane	11.175	107	10698	5.348	ug/l	97
64) Tetrachloroethene	10.810	164	12855	4.953	ug/l	88
65) Chlorobenzene	11.604	112	43416	5.093	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	13961	4.978	ug/l	96
67) Ethyl Benzene	11.681	91	63717	4.566	ug/l	93
68) m/p-Xylenes	11.793	106	49859	9.006	ug/l	96
69) o-Xylene	12.116	106	23022	4.537	ug/l	98
70) Styrene	12.134	104	39046	4.389	ug/l	96
71) Bromoform	12.293	173	8286	5.226	ug/l #	93
73) Isopropylbenzene	12.416	105	55986	7.336	ug/l	98
74) N-amyl acetate	12.234	43	12617	4.589	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.669	83	13069	5.381	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	16614	10.130	ug/l #	100
77) Bromobenzene	12.698	156	15038	4.797	ug/l	81
78) n-propylbenzene	12.757	91	70014	4.480	ug/l	99
79) 2-Chlorotoluene	12.845	91	40923	4.703	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	46147	4.431	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	4105	4.791	ug/l #	92
82) 4-Chlorotoluene	12.945	91	43321	4.776	ug/l	98
83) tert-Butylbenzene	13.163	119	39302	7.241	ug/l	94
84) 1,2,4-Trimethylbenzene	13.204	105	46045	7.089	ug/l	100
85) sec-Butylbenzene	13.340	105	61168	4.416	ug/l	99
86) p-Isopropyltoluene	13.457	119	50078	7.410	ug/l	99
87) 1,3-Dichlorobenzene	13.451	146	33440	5.150	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	34821	5.455	ug/l	95
89) n-Butylbenzene	13.781	91	48592	7.493	ug/l	97
90) Hexachloroethane	14.045	117	11697	4.828	ug/l	94
91) 1,2-Dichlorobenzene	13.828	146	28856	5.200	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	1700	5.261	ug/l	92
93) 1,2,4-Trichlorobenzene	15.092	180	18597	5.319	ug/l	97
94) Hexachlorobutadiene	15.198	225	9237	4.895	ug/l	96
95) Naphthalene	15.328	128	33673	5.564	ug/l	100
96) 1,2,3-Trichlorobenzene	15.522	180	15809	5.140	ug/l	99

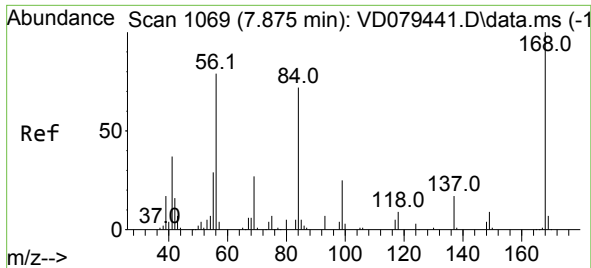
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072924\
Data File : VD079445.D
Acq On : 29 Jul 2024 19:30
Operator : RP/MD
Sample : VSTDICC005
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Quant Time: Jul 30 03:09:40 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:09:00 2024
Response via : Initial Calibration

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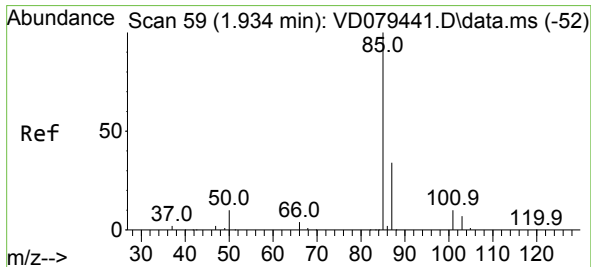
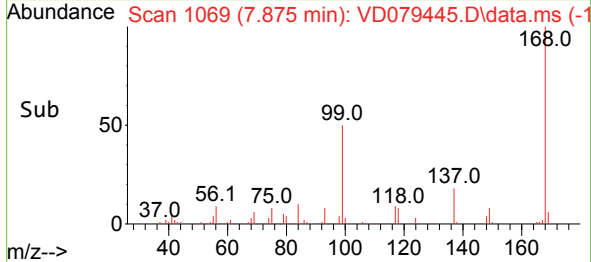
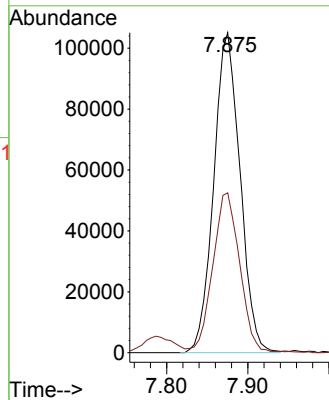
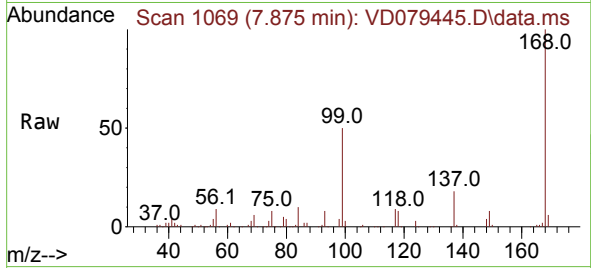
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079445.D
Acq: 29 Jul 2024 19:30

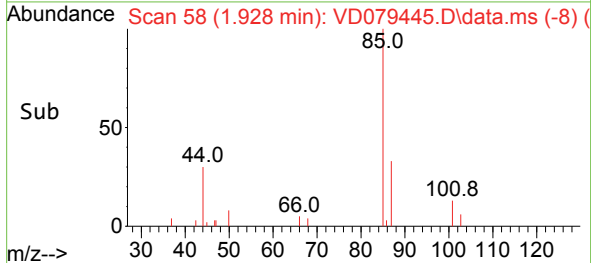
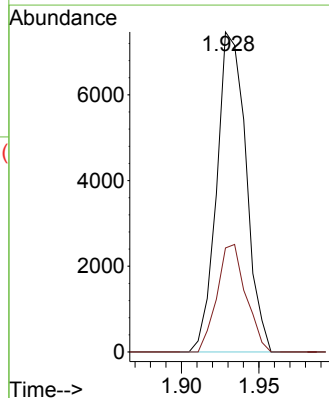
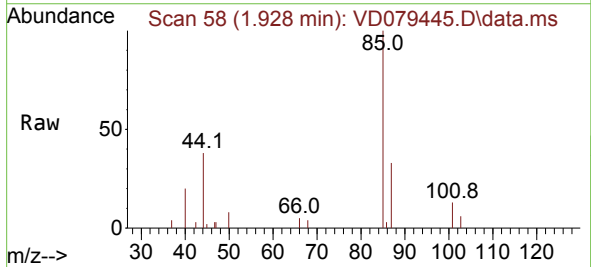
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

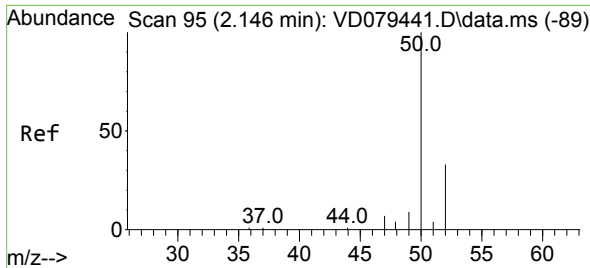
Tgt Ion:168 Resp: 236936
Ion Ratio Lower Upper
168 100
99 49.5 41.1 61.7



#2
Dichlorodifluoromethane
Concen: 5.285 ug/l
RT: 1.928 min Scan# 58
Delta R.T. -0.006 min
Lab File: VD079445.D
Acq: 29 Jul 2024 19:30

Tgt Ion: 85 Resp: 9811
Ion Ratio Lower Upper
85 100
87 32.5 16.0 48.0

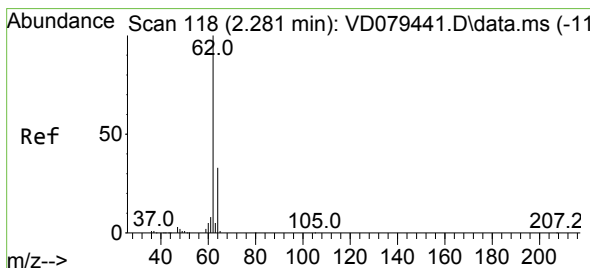
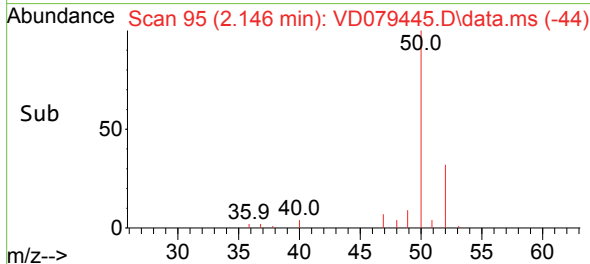
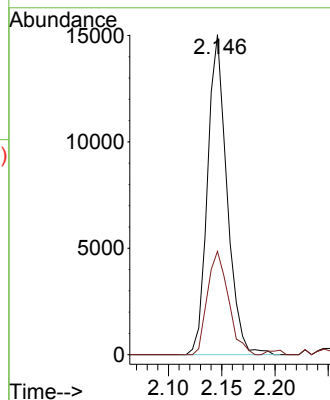
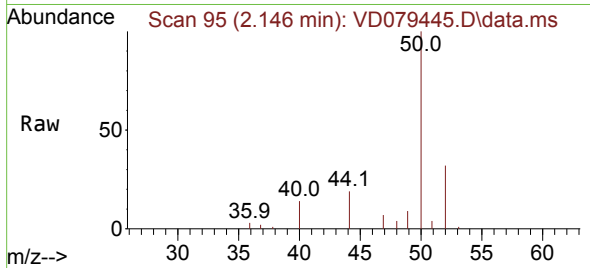




#3
Chloromethane
Concen: 5.584 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD079445.D
Acq: 29 Jul 2024 19:30

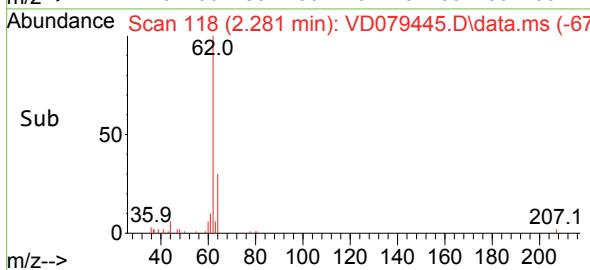
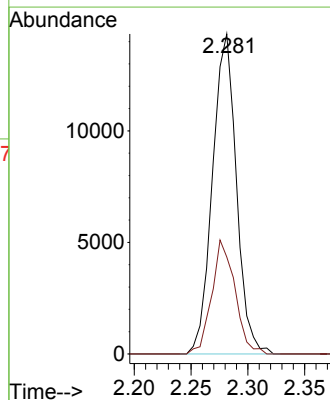
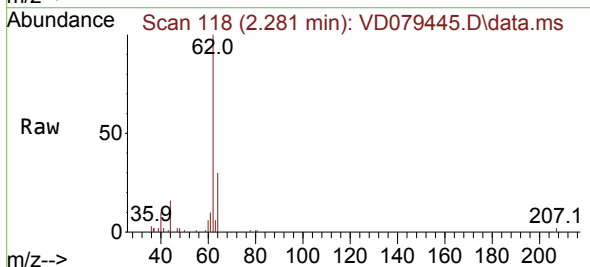
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

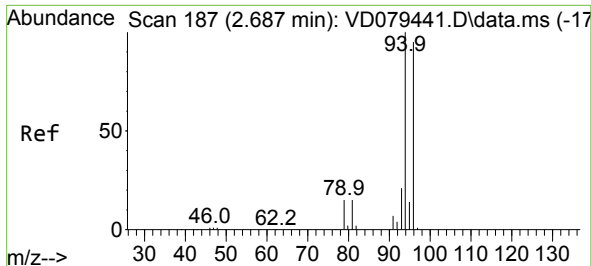
Tgt Ion: 50 Resp: 19100
Ion Ratio Lower Upper
50 100
52 32.3 28.2 42.2



#4
Vinyl Chloride
Concen: 5.164 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD079445.D
Acq: 29 Jul 2024 19:30

Tgt Ion: 62 Resp: 21002
Ion Ratio Lower Upper
62 100
64 30.3 26.3 39.5

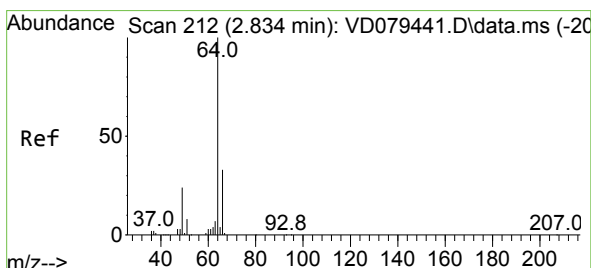
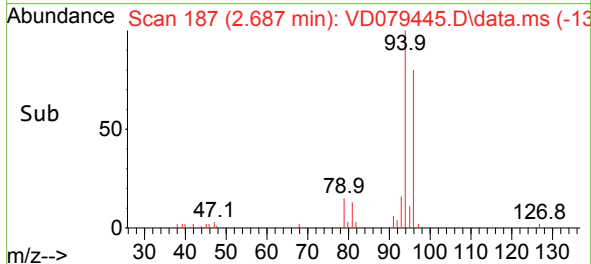
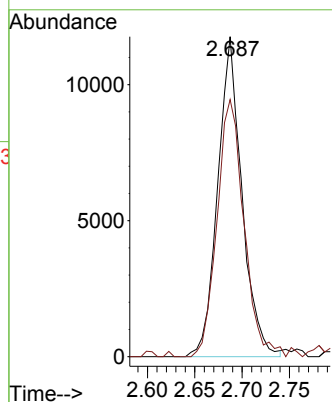
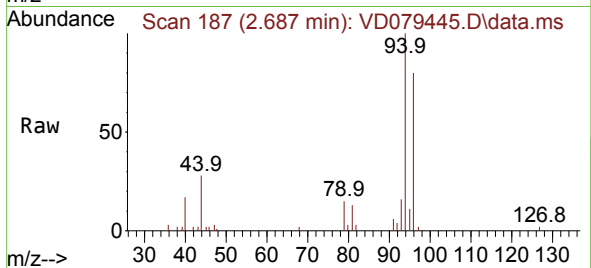




#5
Bromomethane
Concen: 5.817 ug/l
RT: 2.687 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD079445.D
Acq: 29 Jul 2024 19:30

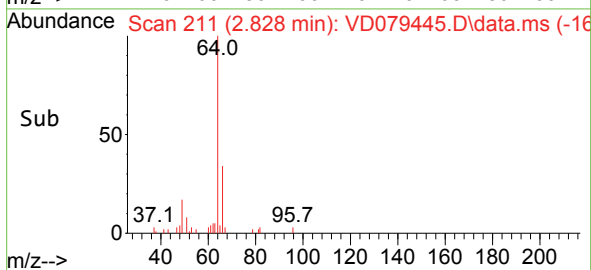
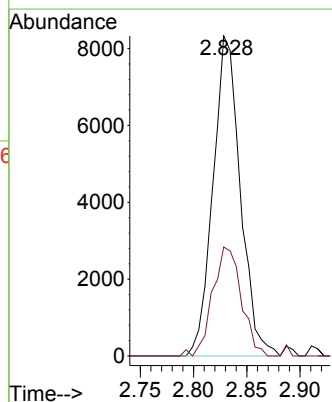
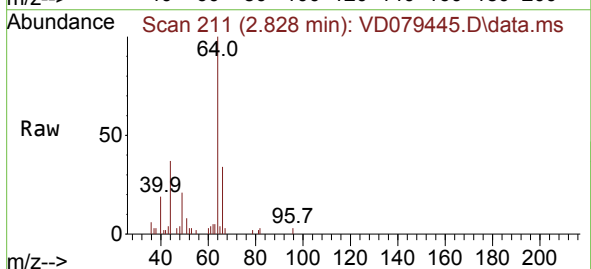
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

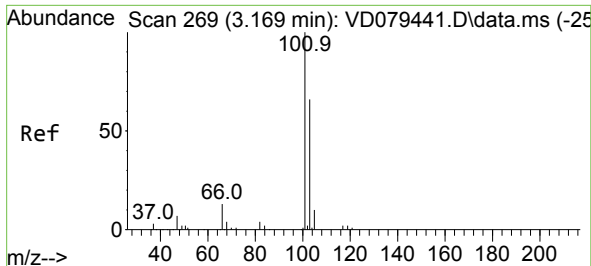
Tgt Ion: 94 Resp: 20908
Ion Ratio Lower Upper
94 100
96 89.1 76.9 115.3



#6
Chloroethane
Concen: 5.674 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD079445.D
Acq: 29 Jul 2024 19:30

Tgt Ion: 64 Resp: 14829
Ion Ratio Lower Upper
64 100
66 34.0 24.5 36.7

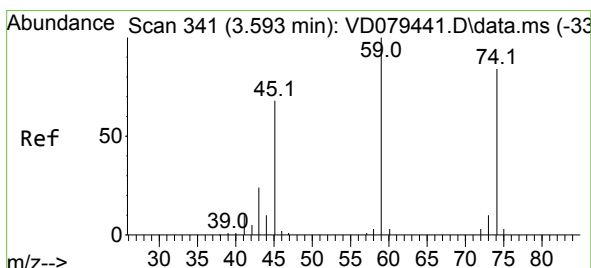
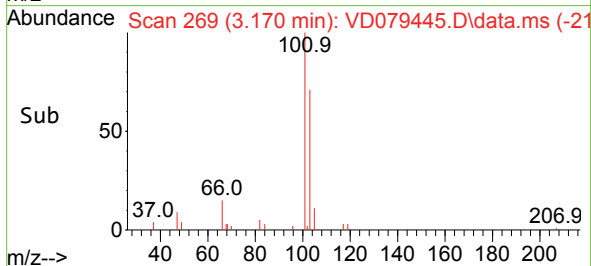
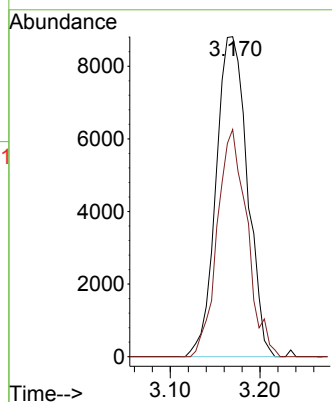
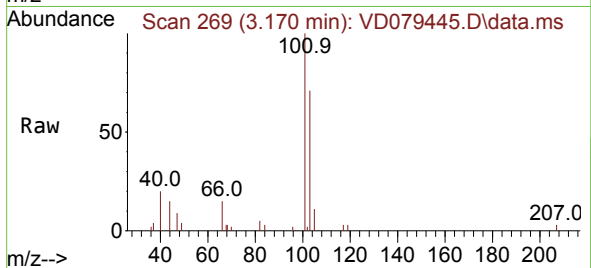




#7
Trichlorofluoromethane
Concen: 5.286 ug/l
RT: 3.170 min Scan# 207
Delta R.T. 0.000 min
Lab File: VD079445.D
Acq: 29 Jul 2024 19:30

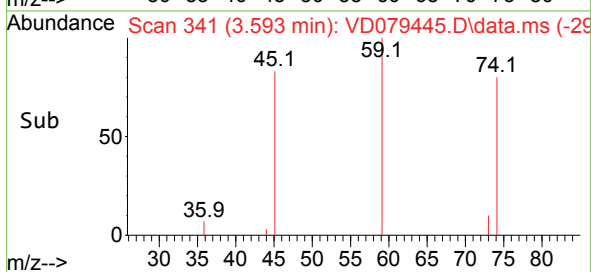
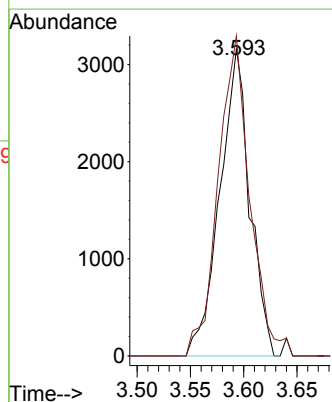
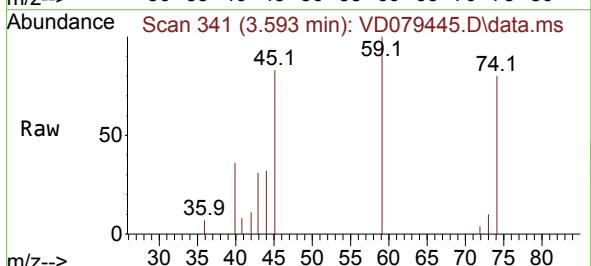
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

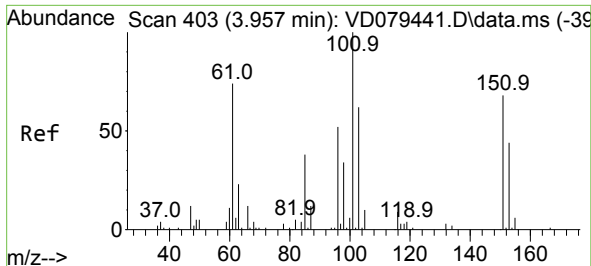
Tgt Ion:101 Resp: 21379
Ion Ratio Lower Upper
101 100
103 71.0 53.2 79.8



#8
Diethyl Ether
Concen: 5.037 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD079445.D
Acq: 29 Jul 2024 19:30

Tgt Ion: 74 Resp: 6154
Ion Ratio Lower Upper
74 100
45 110.7 37.9 113.6

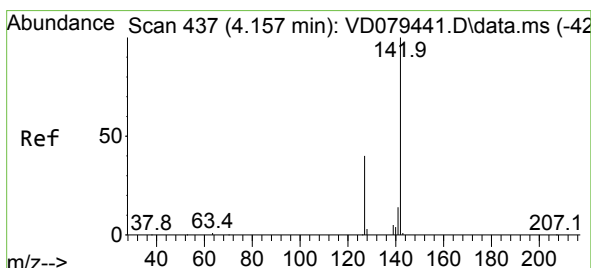
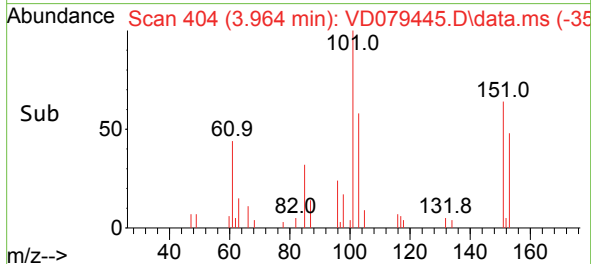
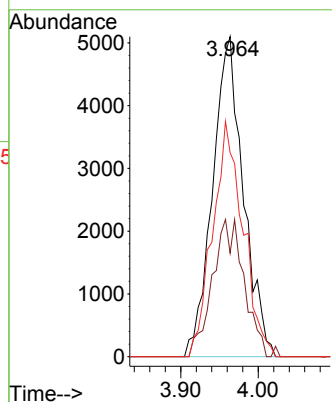
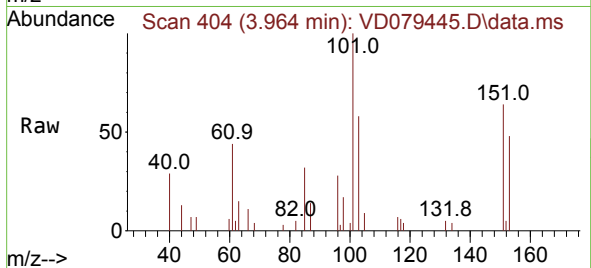




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.498 ug/l
RT: 3.964 min Scan# 404
Delta R.T. 0.006 min
Lab File: VD079445.D
Acq: 29 Jul 2024 19:30

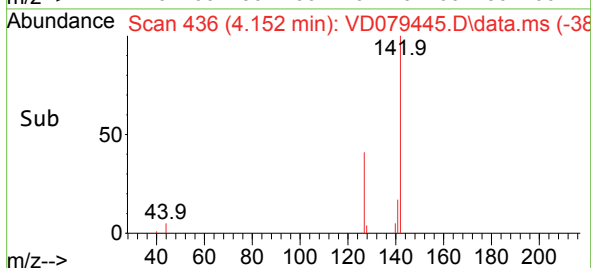
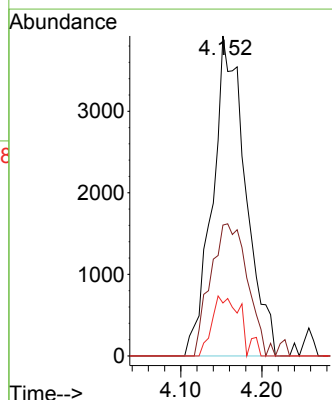
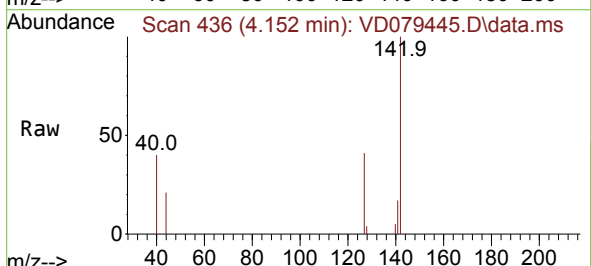
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

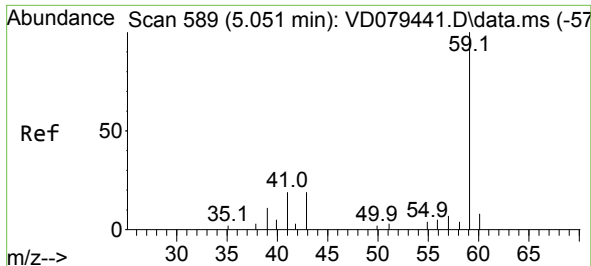
Tgt Ion:101 Resp: 14064
Ion Ratio Lower Upper
101 100
85 43.9 33.5 50.3
151 72.5 60.3 90.5



#10
Methyl Iodide
Concen: 4.435 ug/l
RT: 4.152 min Scan# 436
Delta R.T. -0.005 min
Lab File: VD079445.D
Acq: 29 Jul 2024 19:30

Tgt Ion:142 Resp: 11129
Ion Ratio Lower Upper
142 100
127 46.2 34.2 51.4
141 16.3 11.7 17.5

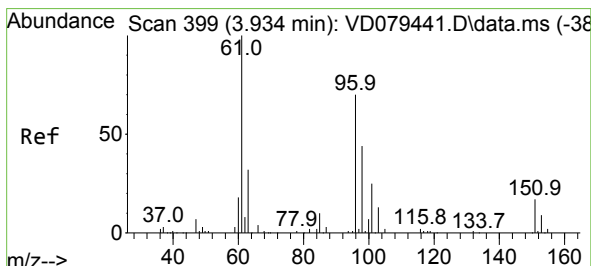
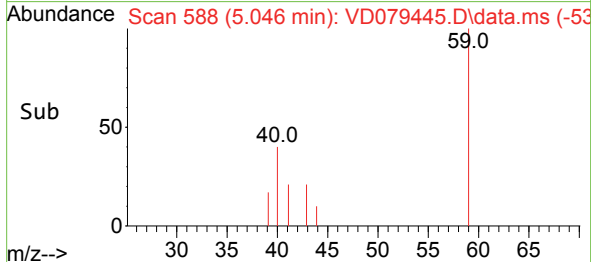
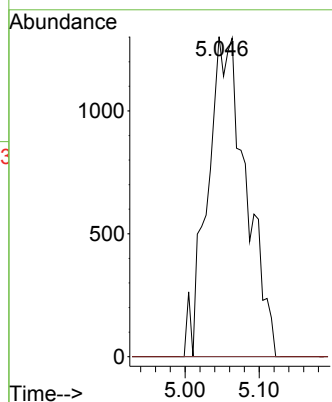
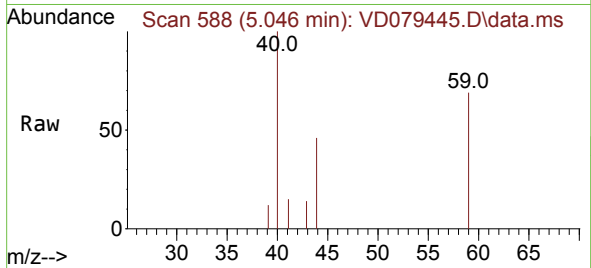




#11
Tert butyl alcohol
Concen: 19.305 ug/l
RT: 5.046 min Scan# 588
Delta R.T. -0.005 min
Lab File: VD079445.D
Acq: 29 Jul 2024 19:30

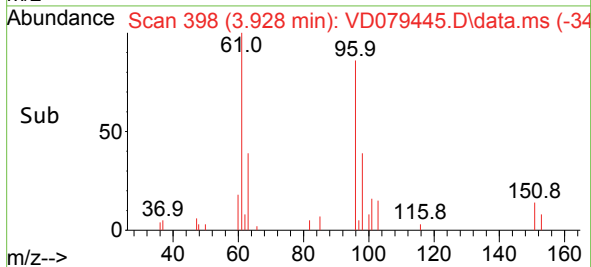
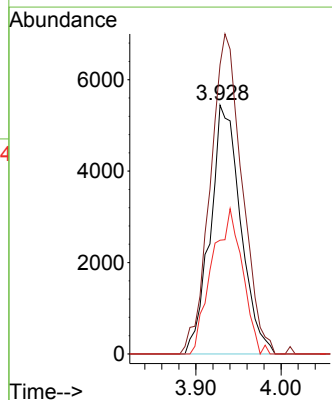
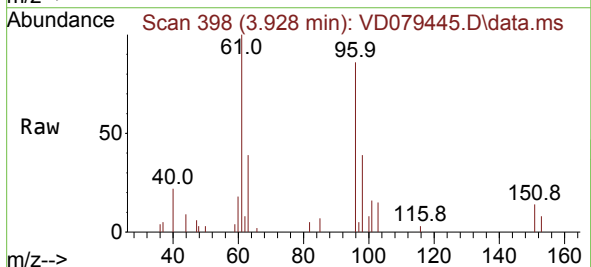
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

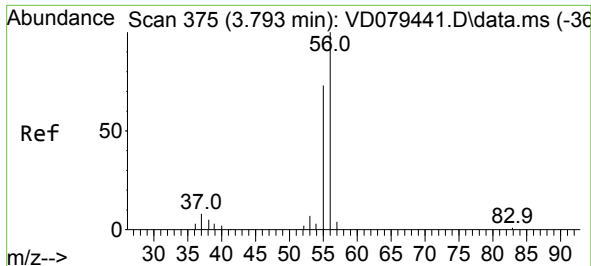
Tgt Ion: 59 Resp: 4711
Ion Ratio Lower Upper
59 100
57 0.0 3.6 5.4#



#12
1,1-Dichloroethene
Concen: 5.261 ug/l
RT: 3.928 min Scan# 398
Delta R.T. -0.006 min
Lab File: VD079445.D
Acq: 29 Jul 2024 19:30

Tgt Ion: 96 Resp: 13468
Ion Ratio Lower Upper
96 100
61 116.3 107.3 160.9
98 45.7 51.7 77.5#





#13

Acrolein

Concen: 3.455 ug/l

RT: 3.793 min Scan# 31

Delta R.T. 0.000 min

Lab File: VD079445.D

Acq: 29 Jul 2024 19:30

Instrument :

MSVOA_D

ClientSampleId :

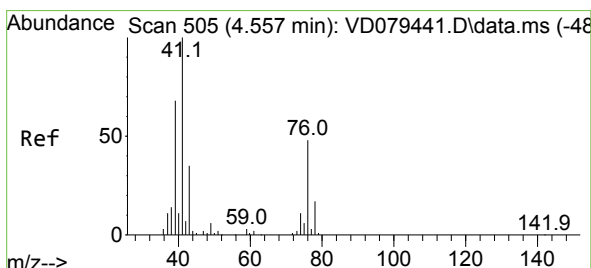
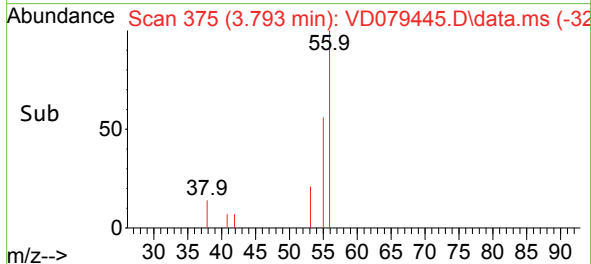
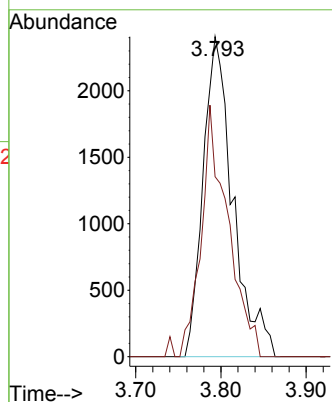
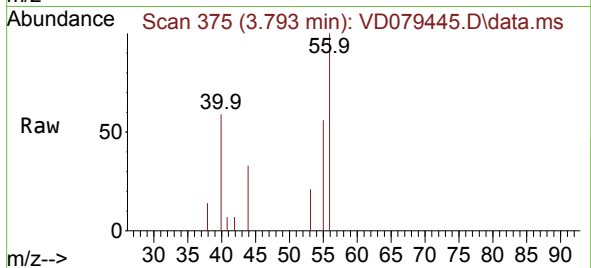
VSTDICC005

Tgt Ion: 56 Resp: 5842

Ion Ratio Lower Upper

56 100

55 70.1 55.3 82.9



#14

Allyl chloride

Concen: 5.172 ug/l

RT: 4.552 min Scan# 504

Delta R.T. -0.006 min

Lab File: VD079445.D

Acq: 29 Jul 2024 19:30

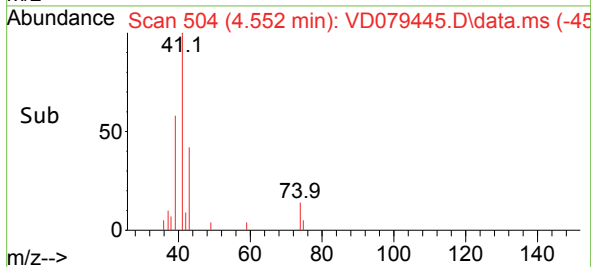
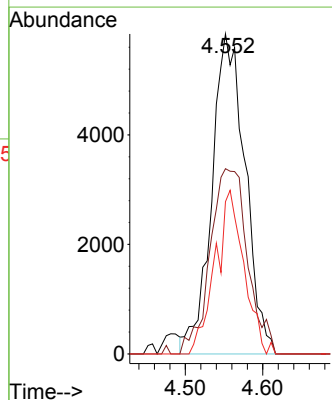
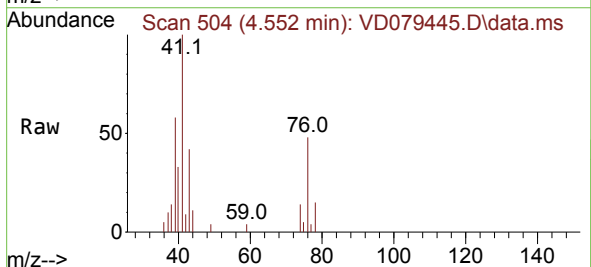
Tgt Ion: 41 Resp: 17485

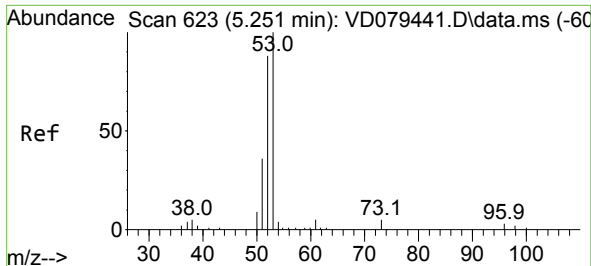
Ion Ratio Lower Upper

41 100

39 65.1 58.0 87.0

76 44.2 45.9 68.9#

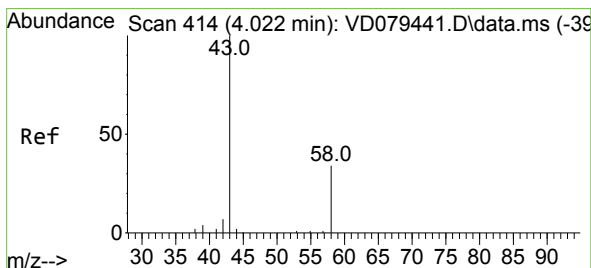
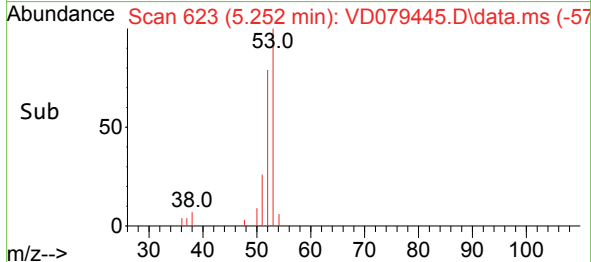
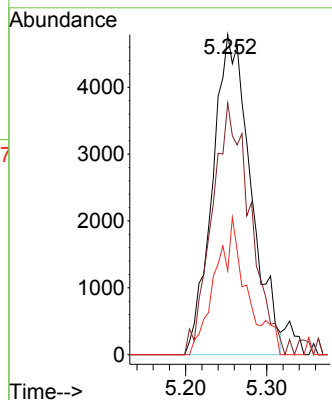
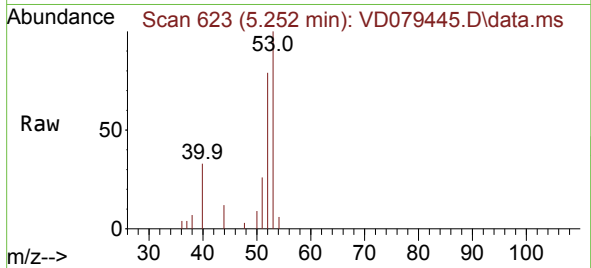




#15
Acrylonitrile
Concen: 27.492 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD079445.D
Acq: 29 Jul 2024 19:30

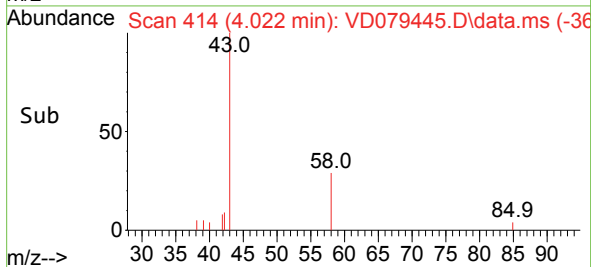
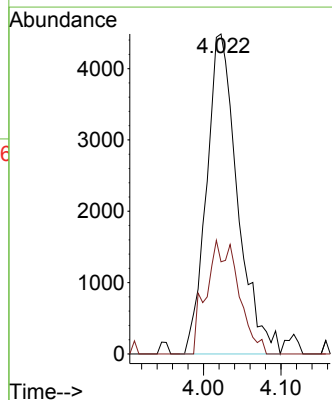
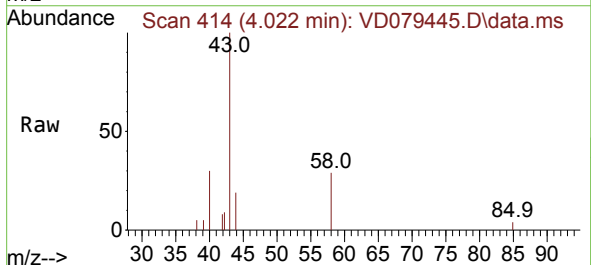
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

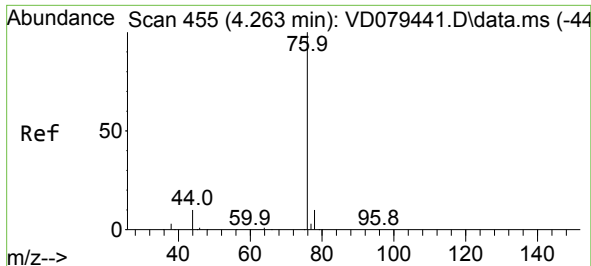
Tgt Ion:	53	Resp:	15696
Ion	Ratio	Lower	Upper
53	100		
52	78.6	67.7	101.5
51	32.3	28.6	42.8



#16
Acetone
Concen: 26.615 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD079445.D
Acq: 29 Jul 2024 19:30

Tgt Ion:	43	Resp:	12450
Ion	Ratio	Lower	Upper
43	100		
58	28.8	30.4	45.6#

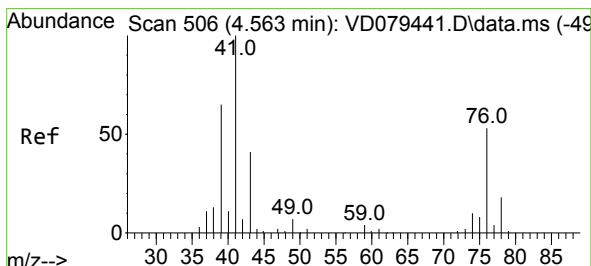
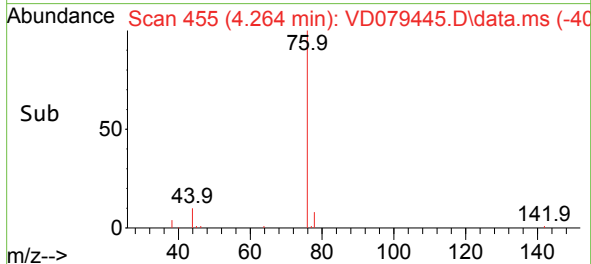
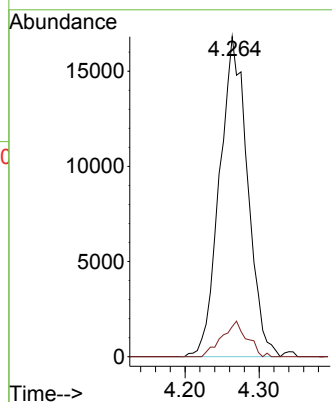
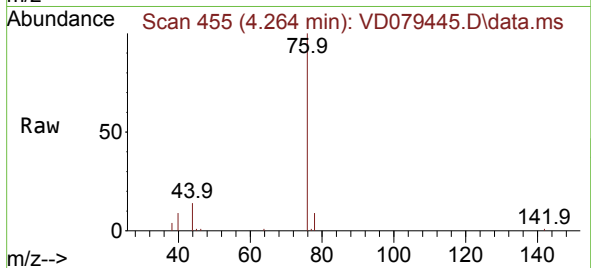




#17
Carbon Disulfide
Concen: 5.221 ug/l
RT: 4.264 min Scan# 412
Delta R.T. 0.000 min
Lab File: VD079445.D
Acq: 29 Jul 2024 19:30

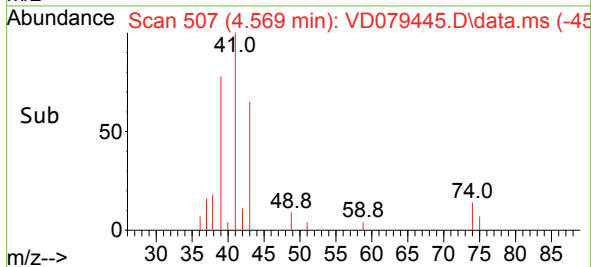
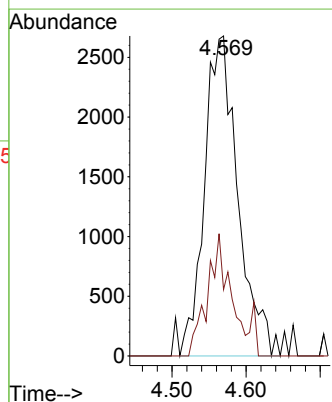
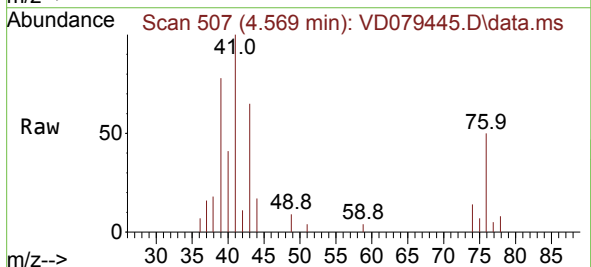
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

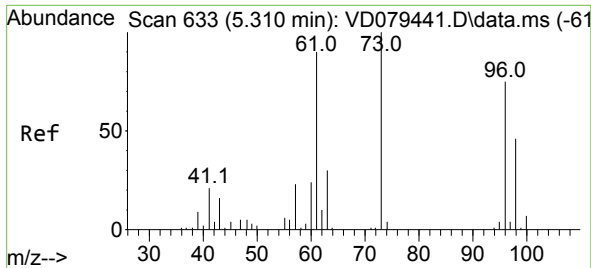
Tgt Ion: 76 Resp: 44122
Ion Ratio Lower Upper
76 100
78 9.4 6.9 10.3



#18
Methyl Acetate
Concen: 5.788 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD079445.D
Acq: 29 Jul 2024 19:30

Tgt Ion: 43 Resp: 8407
Ion Ratio Lower Upper
43 100
74 25.8 28.1 42.1#

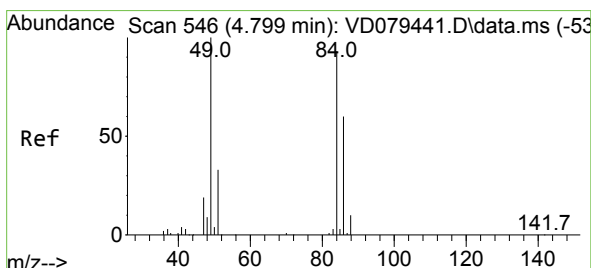
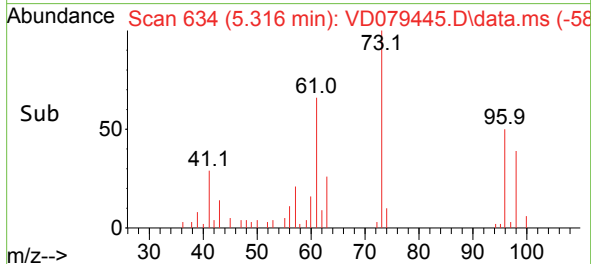
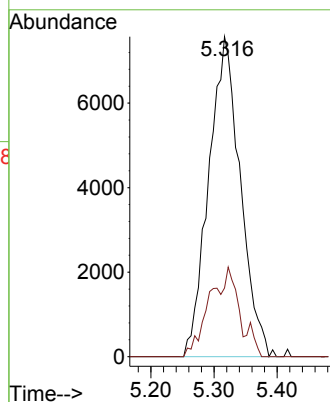
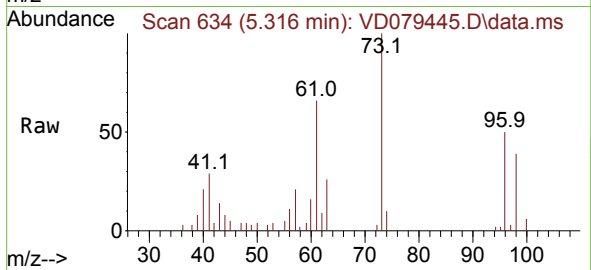




#19
Methyl tert-butyl Ether
Concen: 5.044 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD079445.D
Acq: 29 Jul 2024 19:30

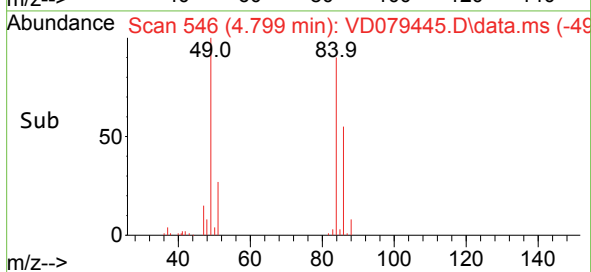
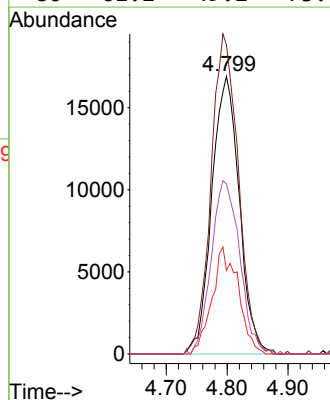
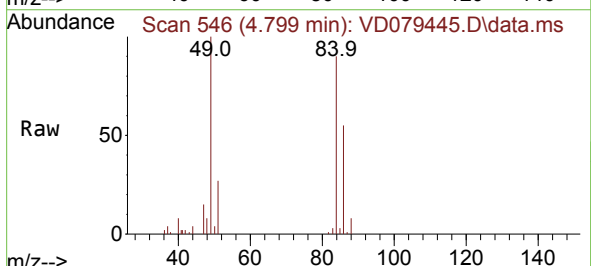
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

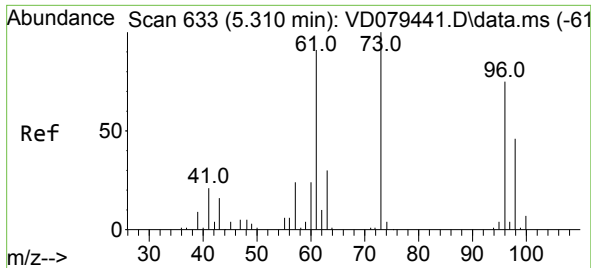
Tgt Ion: 73 Resp: 26357
Ion Ratio Lower Upper
73 100
57 21.5 18.3 27.5



#20
Methylene Chloride
Concen: 9.191 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD079445.D
Acq: 29 Jul 2024 19:30

Tgt Ion: 84 Resp: 53029
Ion Ratio Lower Upper
84 100
49 111.3 75.6 113.4
51 30.1 24.2 36.2
86 61.2 49.2 73.8

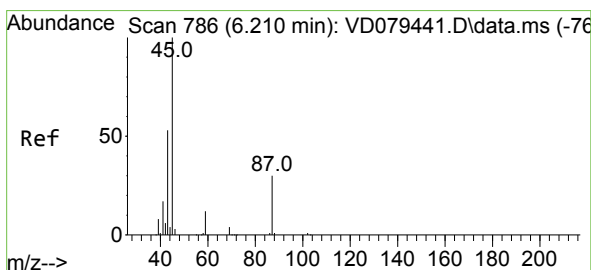
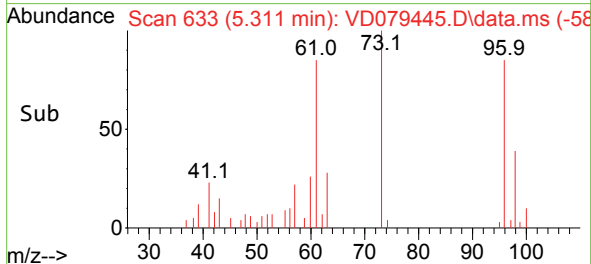
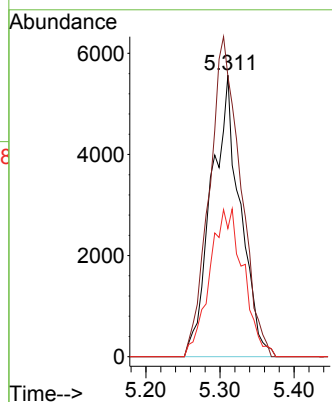
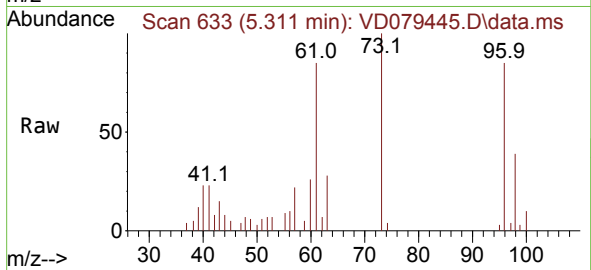




#21
trans-1,2-Dichloroethene
Concen: 5.253 ug/l
RT: 5.311 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD079445.D
Acq: 29 Jul 2024 19:30

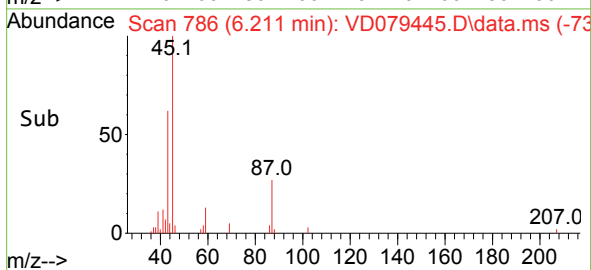
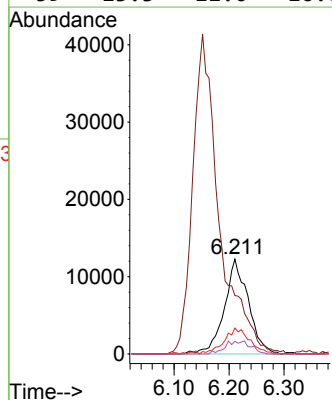
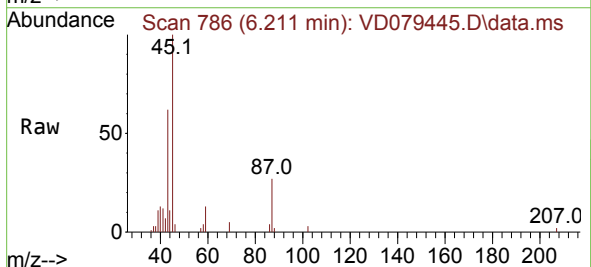
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

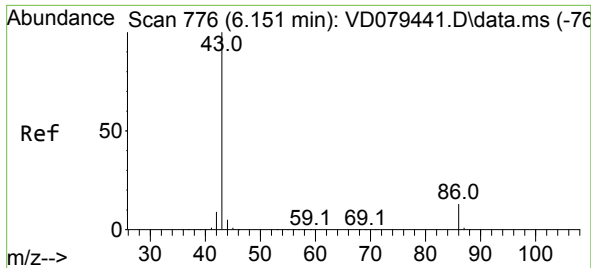
Tgt Ion: 96 Resp: 15107
Ion Ratio Lower Upper
96 100
61 99.7 84.5 126.7
98 45.5 50.5 75.7#



#22
Diisopropyl ether
Concen: 4.934 ug/l
RT: 6.211 min Scan# 786
Delta R.T. 0.000 min
Lab File: VD079445.D
Acq: 29 Jul 2024 19:30

Tgt Ion: 45 Resp: 37108
Ion Ratio Lower Upper
45 100
43 59.2 41.7 62.5
87 27.3 30.2 45.2#
59 13.3 11.0 16.6

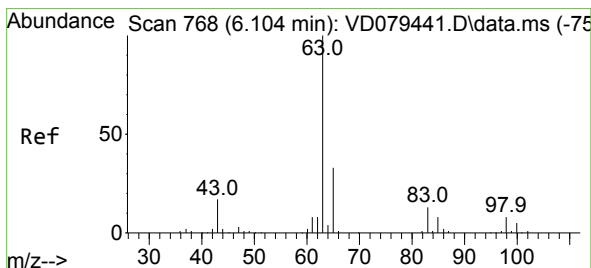
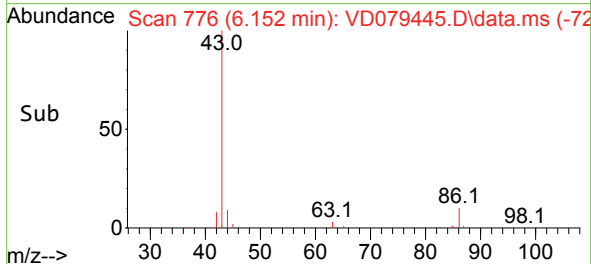
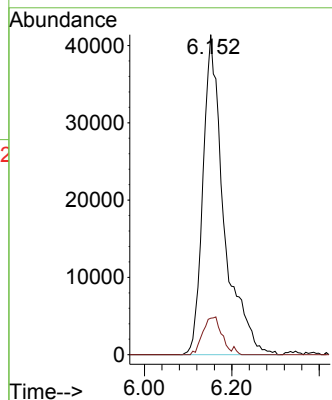
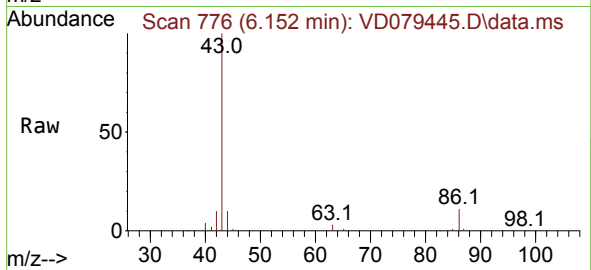




#23
 Vinyl Acetate
 Concen: 24.498 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. 0.000 min
 Lab File: VD079445.D
 Acq: 29 Jul 2024 19:30

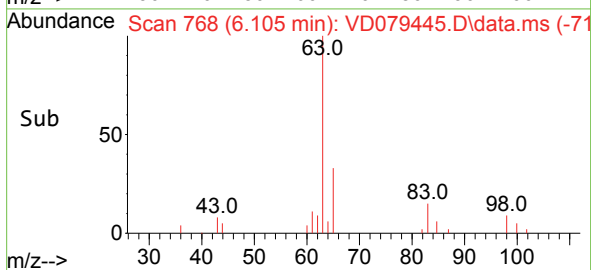
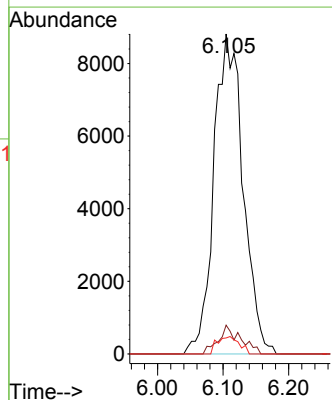
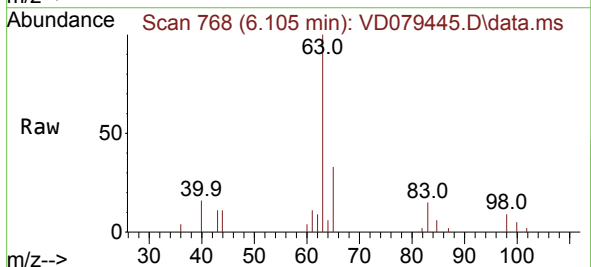
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

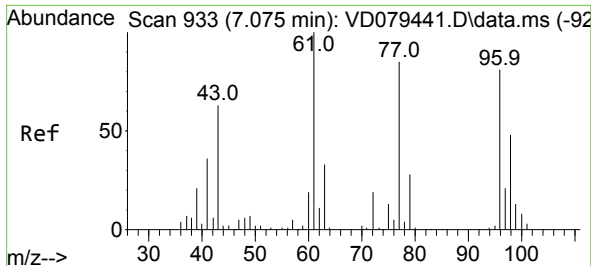
Tgt Ion: 43 Resp: 138515
 Ion Ratio Lower Upper
 43 100
 86 11.4 12.3 18.5#



#24
 1,1-Dichloroethane
 Concen: 5.412 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. 0.000 min
 Lab File: VD079445.D
 Acq: 29 Jul 2024 19:30

Tgt Ion: 63 Resp: 27278
 Ion Ratio Lower Upper
 63 100
 98 9.0 4.7 14.0
 100 5.0 2.9 8.6

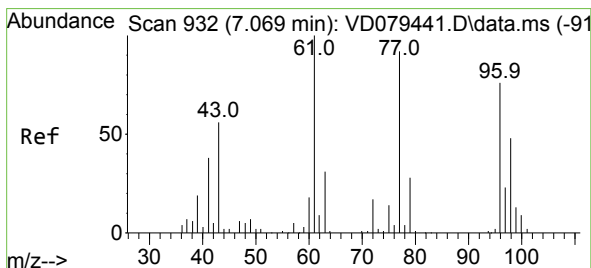
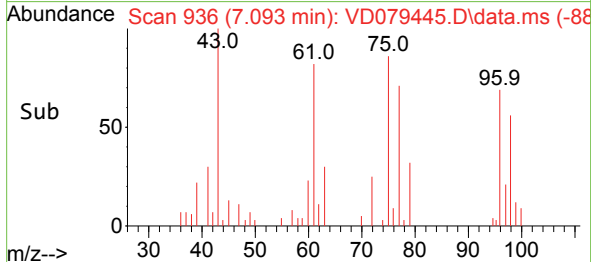
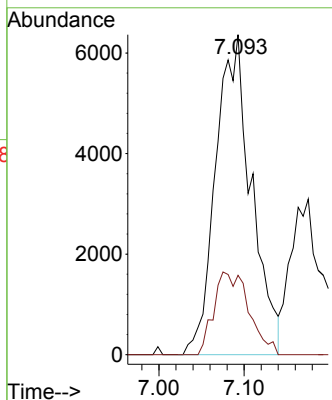
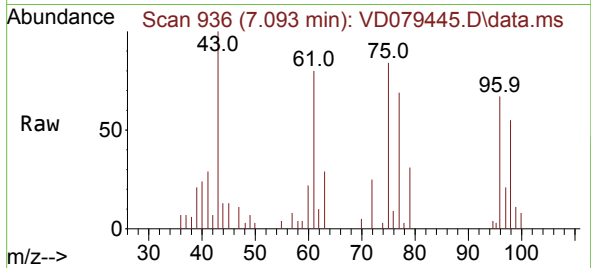




#25
2-Butanone
Concen: 27.847 ug/l
RT: 7.093 min Scan# 91
Delta R.T. 0.018 min
Lab File: VD079445.D
Acq: 29 Jul 2024 19:30

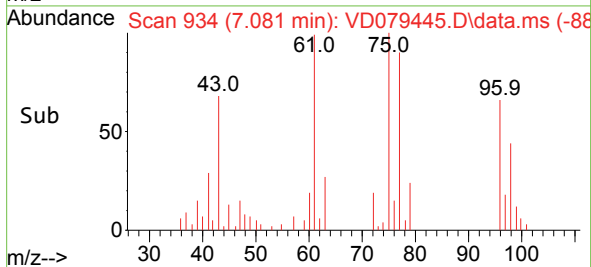
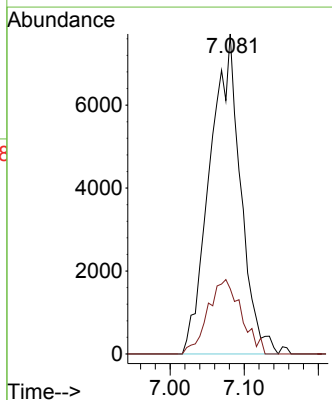
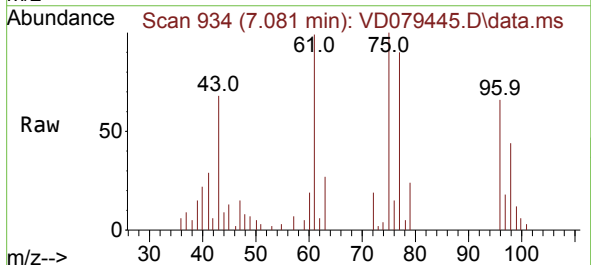
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

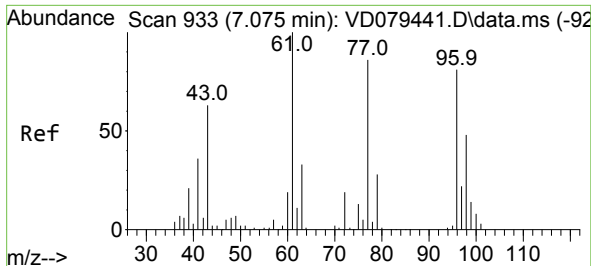
Tgt Ion: 43 Resp: 18468
Ion Ratio Lower Upper
43 100
72 24.8 26.4 39.6#



#26
2,2-Dichloropropane
Concen: 5.455 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.012 min
Lab File: VD079445.D
Acq: 29 Jul 2024 19:30

Tgt Ion: 77 Resp: 22239
Ion Ratio Lower Upper
77 100
97 25.2 12.4 37.2

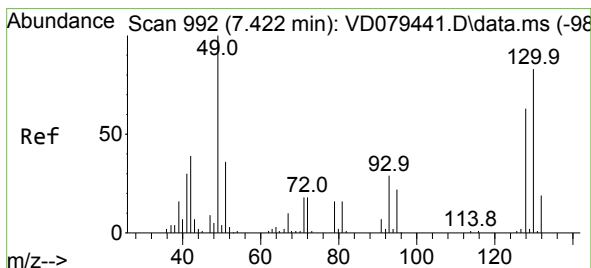
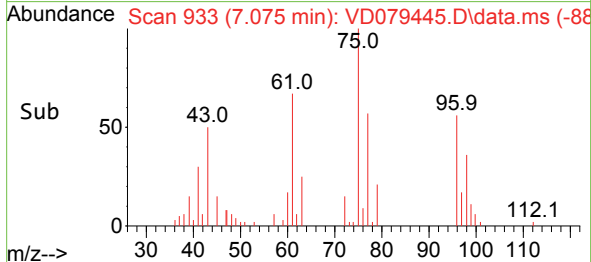
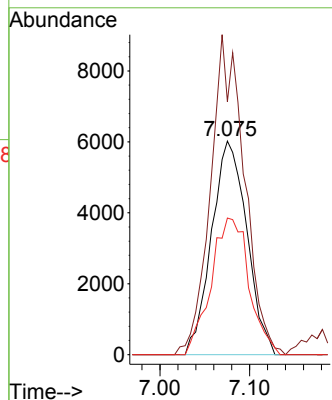
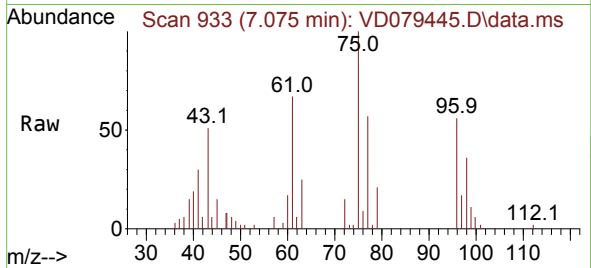




#27
 cis-1,2-Dichloroethene
 Concen: 4.999 ug/l
 RT: 7.075 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VD079445.D
 Acq: 29 Jul 2024 19:30

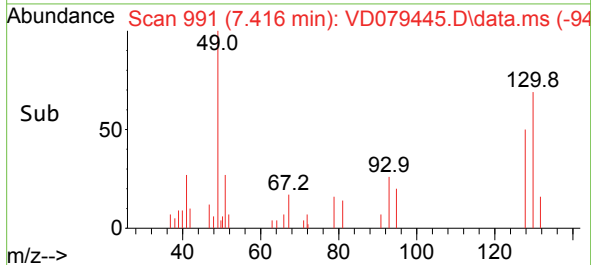
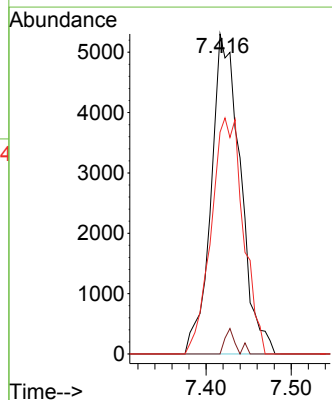
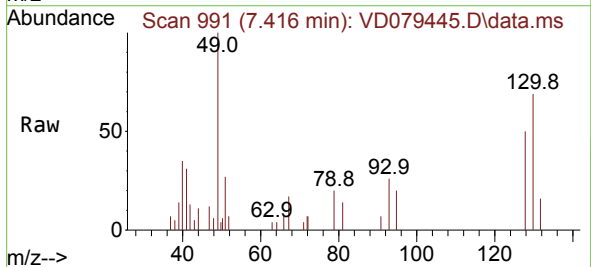
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

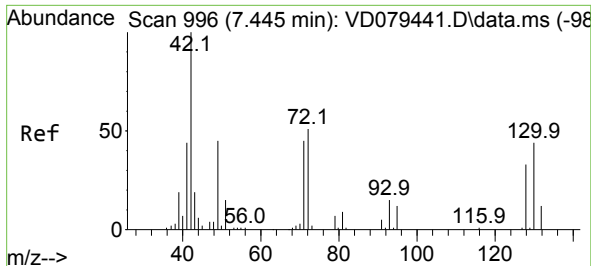
Tgt Ion: 96 Resp: 16433
 Ion Ratio Lower Upper
 96 100
 61 143.3 0.0 229.0
 98 68.8 0.0 127.2



#28
 Bromochloromethane
 Concen: 5.729 ug/l
 RT: 7.416 min Scan# 991
 Delta R.T. -0.006 min
 Lab File: VD079445.D
 Acq: 29 Jul 2024 19:30

Tgt Ion: 49 Resp: 12664
 Ion Ratio Lower Upper
 49 100
 129 2.9 0.0 7.0
 130 80.9 87.7 131.5#





#29

Tetrahydrofuran

Concen: 26.740 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

Lab File: VD079445.D

Acq: 29 Jul 2024 19:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC005

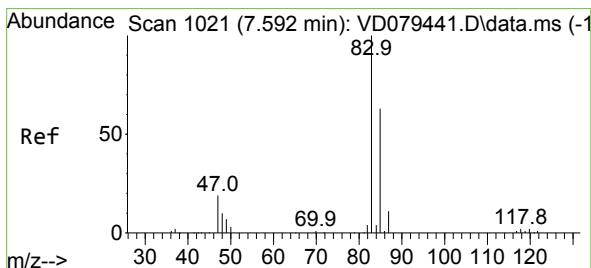
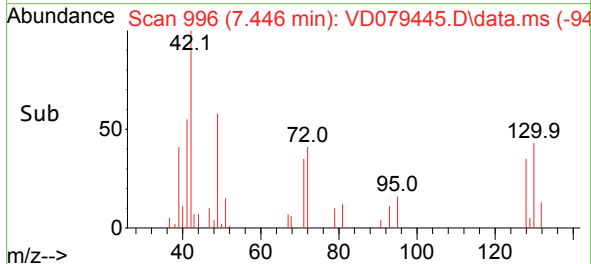
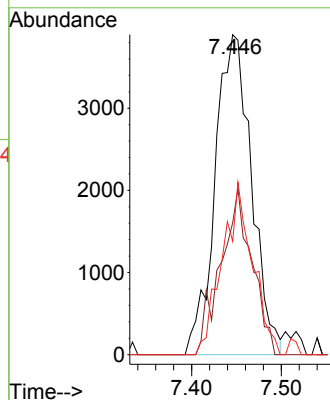
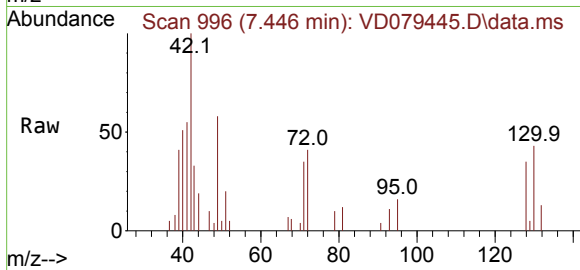
Tgt Ion: 42 Resp: 10990

Ion Ratio Lower Upper

42 100

72 44.5 49.4 74.0#

71 45.0 45.0 67.6#



#30

Chloroform

Concen: 5.448 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. 0.000 min

Lab File: VD079445.D

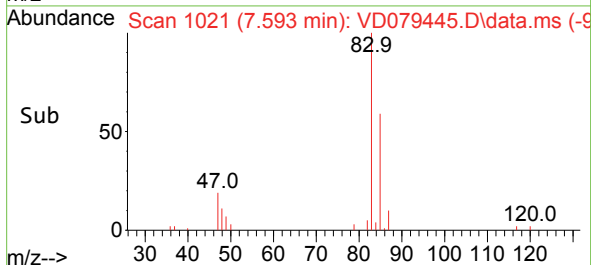
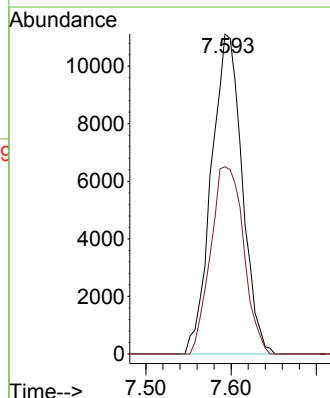
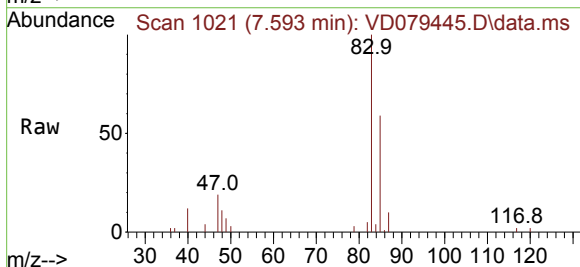
Acq: 29 Jul 2024 19:30

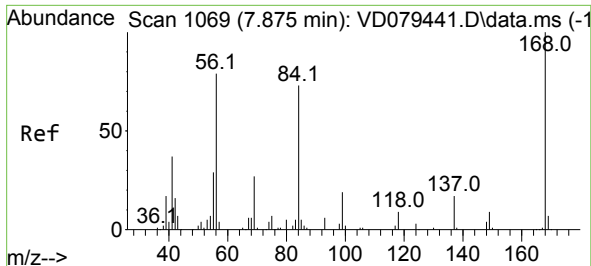
Tgt Ion: 83 Resp: 27808

Ion Ratio Lower Upper

83 100

85 58.5 51.8 77.6

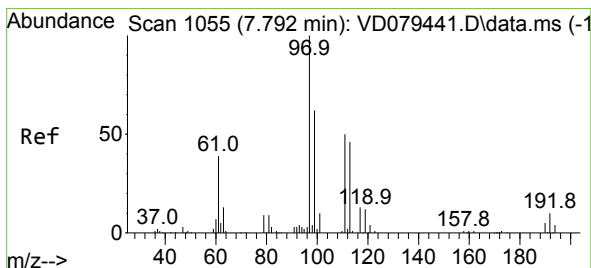
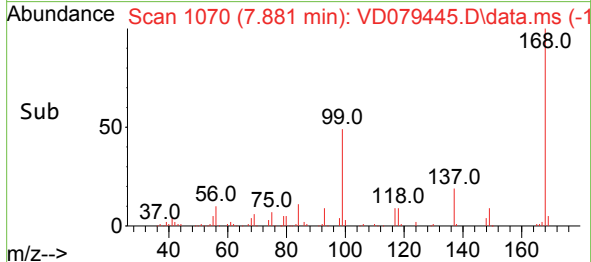
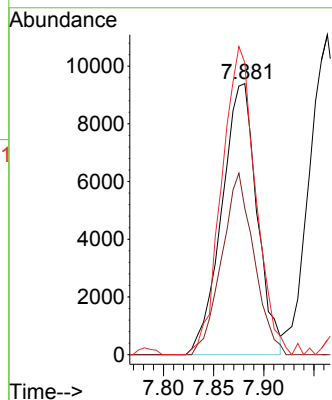
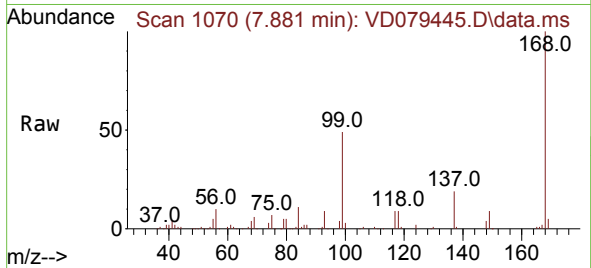




#31
Cyclohexane
Concen: 5.767 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD079445.D
Acq: 29 Jul 2024 19:30

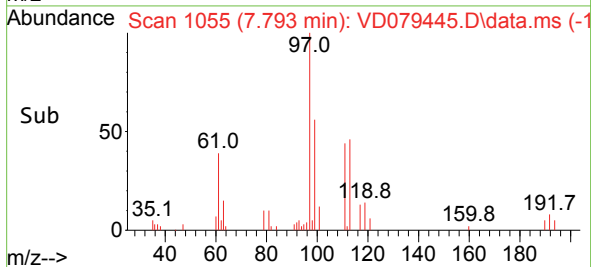
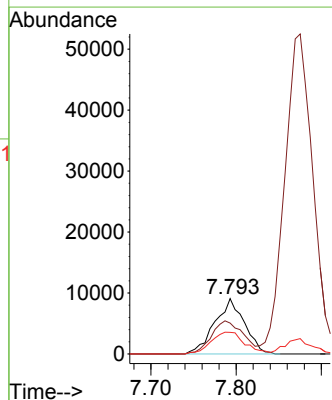
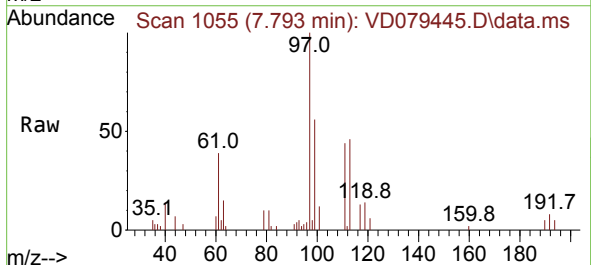
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

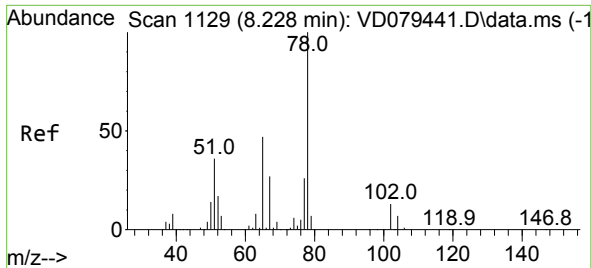
Tgt Ion: 56 Resp: 23055
Ion Ratio Lower Upper
56 100
69 53.9 28.0 42.0#
84 107.7 87.4 131.0



#32
1,1,1-Trichloroethane
Concen: 5.212 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD079445.D
Acq: 29 Jul 2024 19:30

Tgt Ion: 97 Resp: 21955
Ion Ratio Lower Upper
97 100
99 63.6 51.3 76.9
61 44.8 31.4 47.2

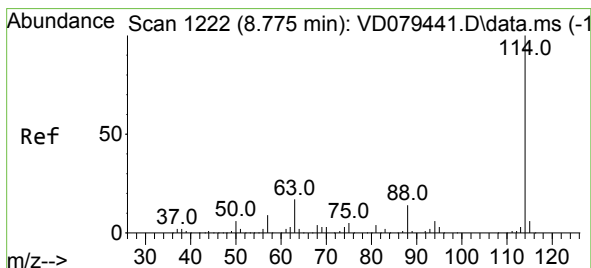
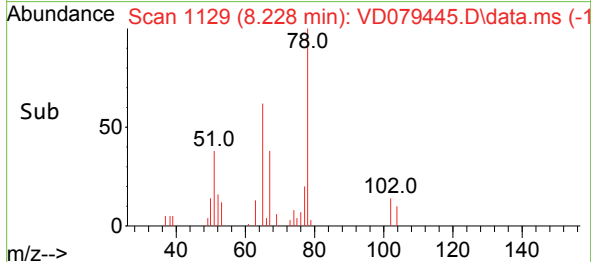
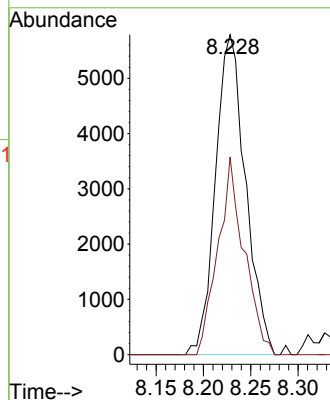
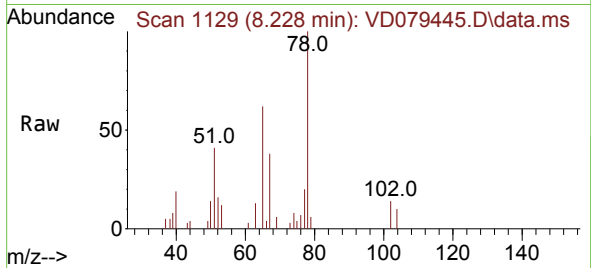




#33
 1,2-Dichloroethane-d4
 Concen: 5.310 ug/l
 RT: 8.228 min Scan# 1129
 Delta R.T. 0.000 min
 Lab File: VD079445.D
 Acq: 29 Jul 2024 19:30

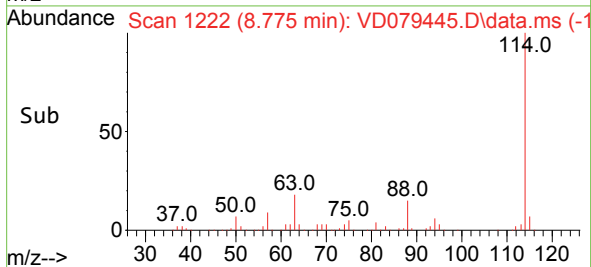
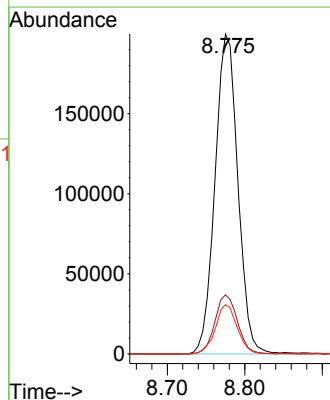
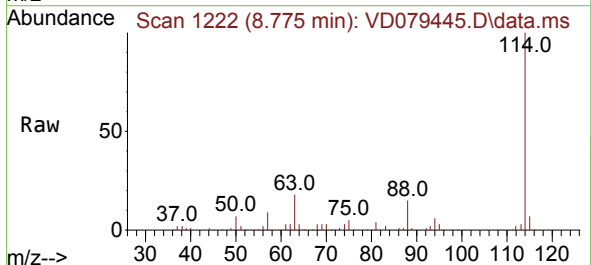
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

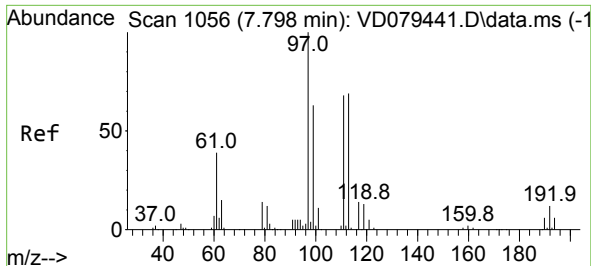
Tgt Ion: 65 Resp: 12782
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.775 min Scan# 1222
 Delta R.T. 0.000 min
 Lab File: VD079445.D
 Acq: 29 Jul 2024 19:30

Tgt Ion: 114 Resp: 409481
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 34.0
 88 15.4 0.0 27.2

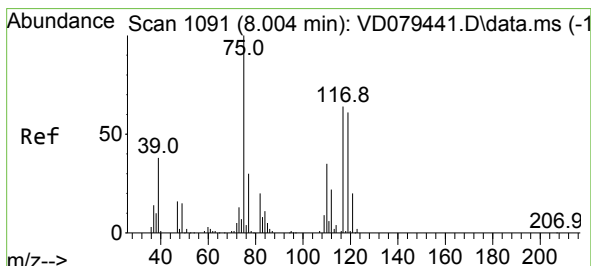
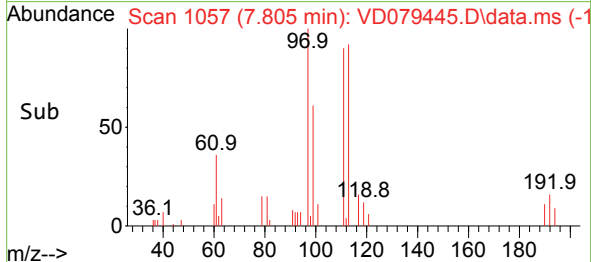
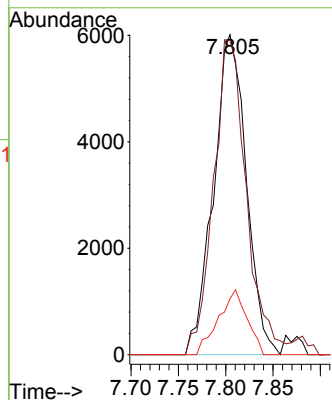
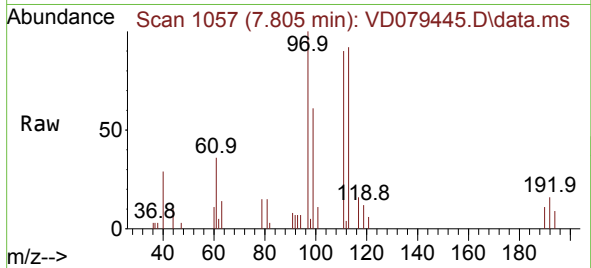




#35
Dibromofluoromethane
Concen: 5.227 ug/l
RT: 7.805 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VD079445.D
Acq: 29 Jul 2024 19:30

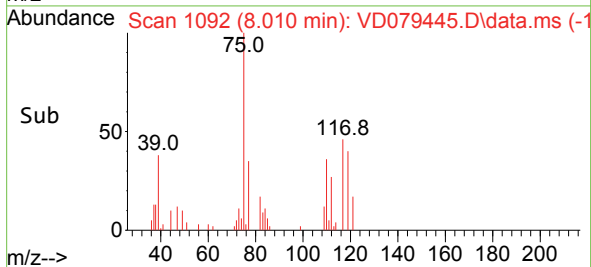
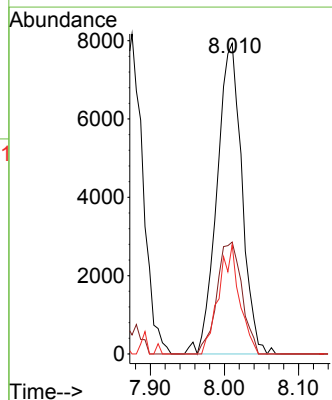
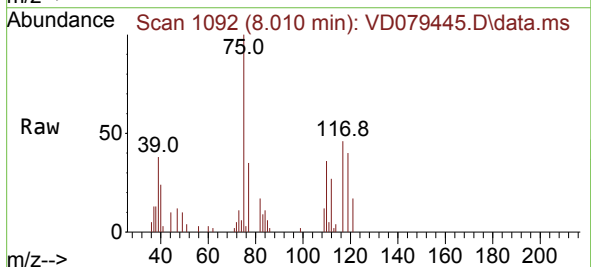
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

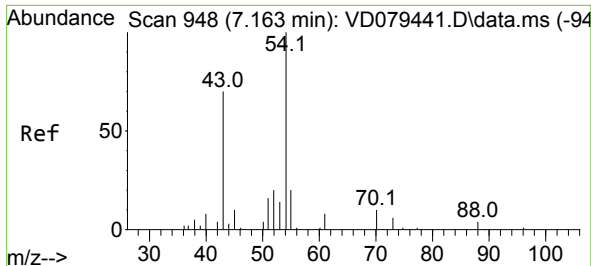
Tgt Ion:113 Resp: 14488
Ion Ratio Lower Upper
113 100
111 98.6 84.0 126.0
192 17.6 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.884 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VD079445.D
Acq: 29 Jul 2024 19:30

Tgt Ion: 75 Resp: 18476
Ion Ratio Lower Upper
75 100
110 36.3 19.6 58.7
77 29.5 26.1 39.1





#37

Ethyl Acetate

Concen: 5.268 ug/l

RT: 7.175 min Scan# 91

Delta R.T. 0.012 min

Lab File: VD079445.D

Acq: 29 Jul 2024 19:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

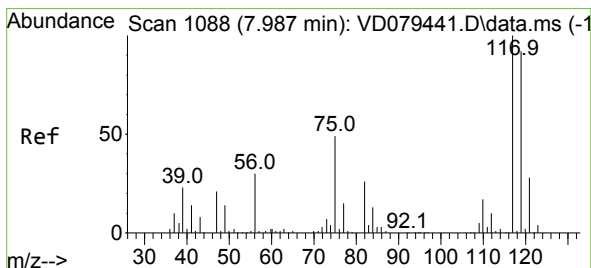
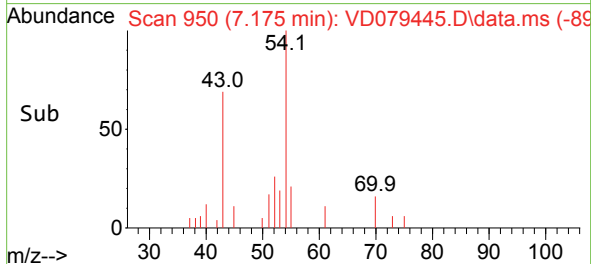
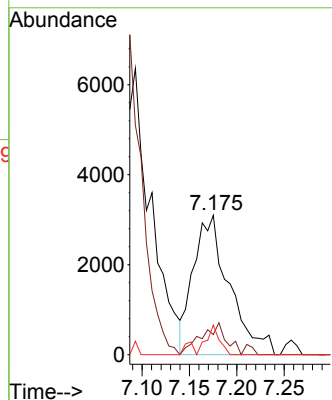
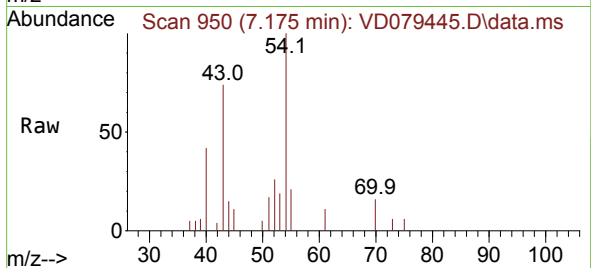
Tgt Ion: 43 Resp: 8171

Ion Ratio Lower Upper

43 100

61 15.9 13.9 20.9

70 7.6 9.8 14.6#



#38

Carbon Tetrachloride

Concen: 5.086 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VD079445.D

Acq: 29 Jul 2024 19:30

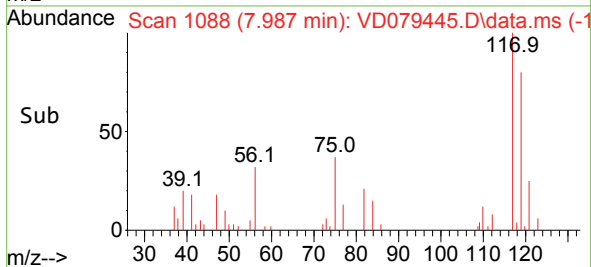
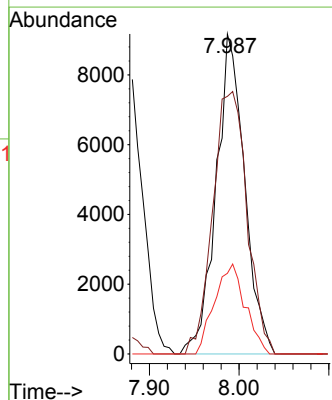
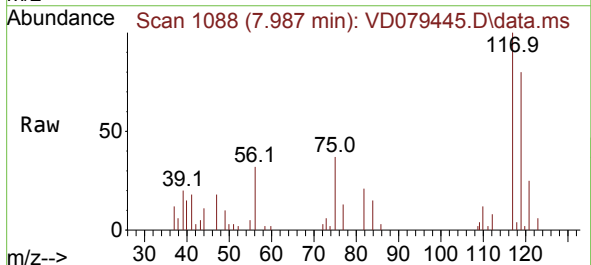
Tgt Ion: 117 Resp: 20225

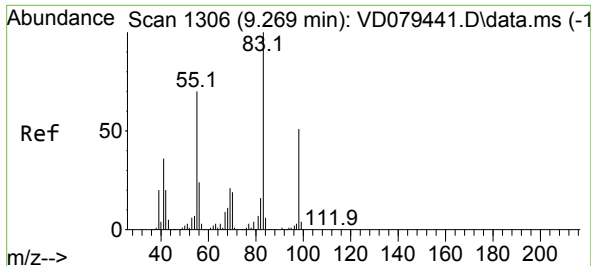
Ion Ratio Lower Upper

117 100

119 80.5 75.4 113.0

121 25.2 25.0 37.4





#39

Methylcyclohexane

Concen: 4.713 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.006 min

Lab File: VD079445.D

Acq: 29 Jul 2024 19:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

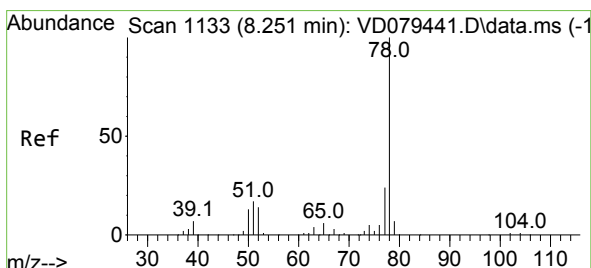
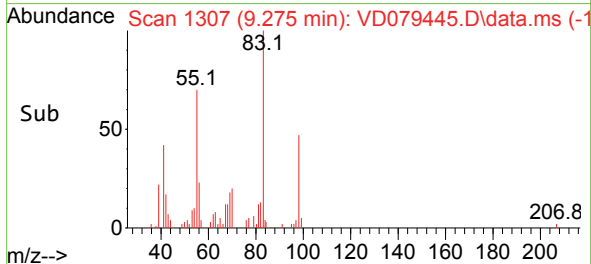
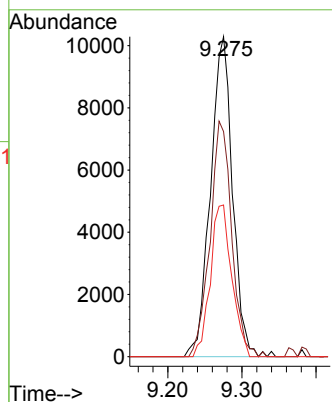
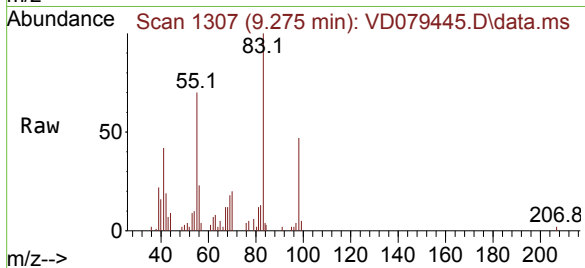
Tgt Ion: 83 Resp: 21274

Ion Ratio Lower Upper

83 100

55 70.3 50.1 75.1

98 47.4 41.9 62.9



#40

Benzene

Concen: 4.996 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD079445.D

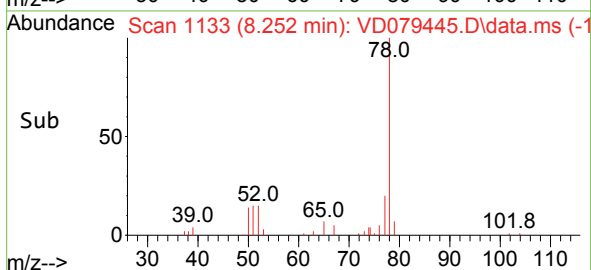
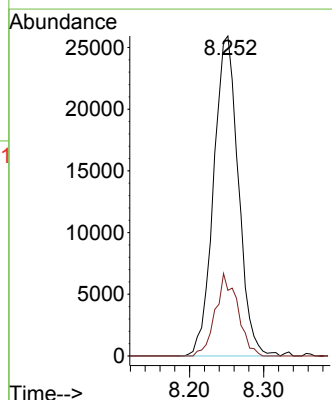
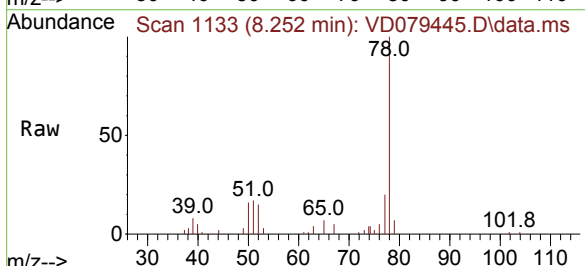
Acq: 29 Jul 2024 19:30

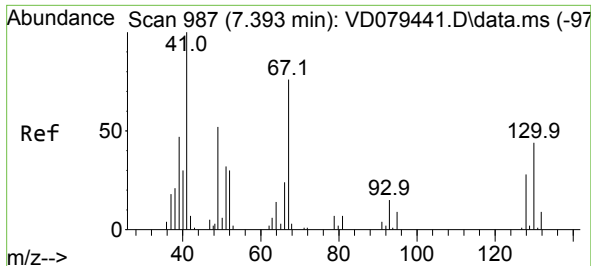
Tgt Ion: 78 Resp: 60033

Ion Ratio Lower Upper

78 100

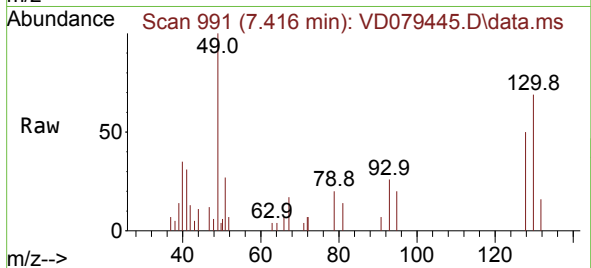
77 20.5 18.1 27.1



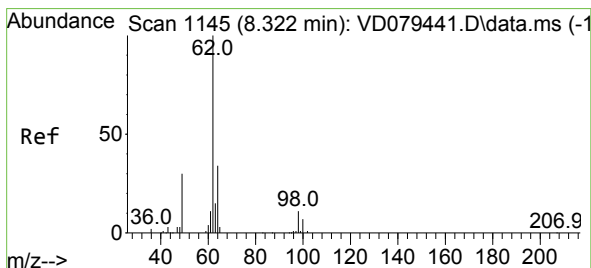
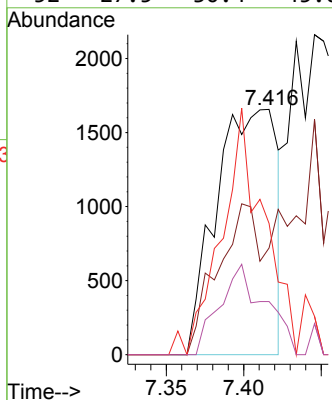
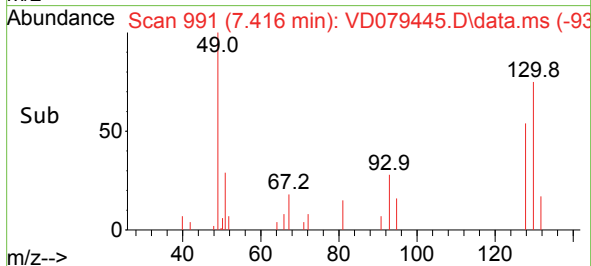


#41
Methacrylonitrile
Concen: 5.307 ug/l
RT: 7.416 min Scan# 991
Delta R.T. 0.024 min
Lab File: VD079445.D
Acq: 29 Jul 2024 19:30

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

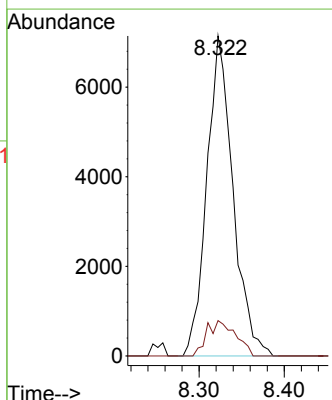
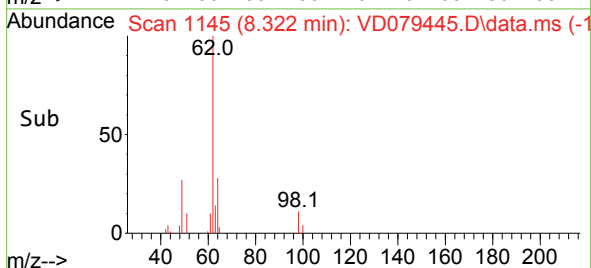
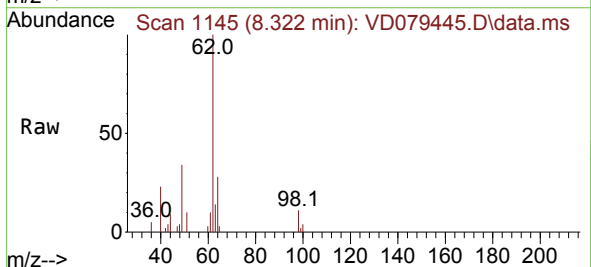


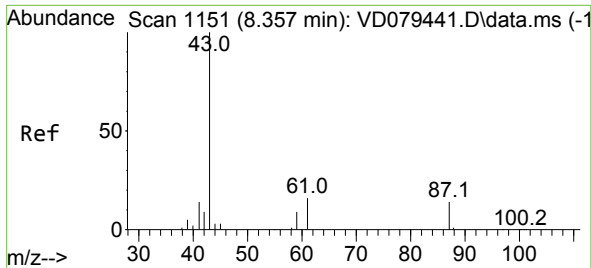
Tgt Ion:	41	Resp:	4528
Ion	Ratio	Lower	Upper
41	100		
39	41.2	41.4	62.0#
67	69.9	85.8	128.6#
52	27.5	30.4	45.6#



#42
1,2-Dichloroethane
Concen: 5.330 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VD079445.D
Acq: 29 Jul 2024 19:30

Tgt Ion:	62	Resp:	15260
Ion	Ratio	Lower	Upper
62	100		
98	12.1	0.0	25.8





#43

Isopropyl Acetate

Concen: 5.168 ug/l

RT: 8.357 min Scan# 1151

Delta R.T. 0.000 min

Lab File: VD079445.D

Acq: 29 Jul 2024 19:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC005

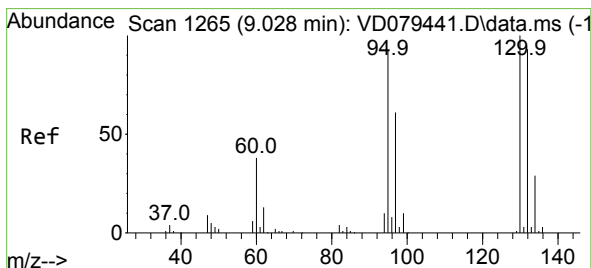
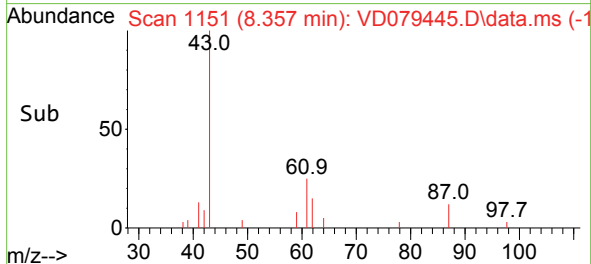
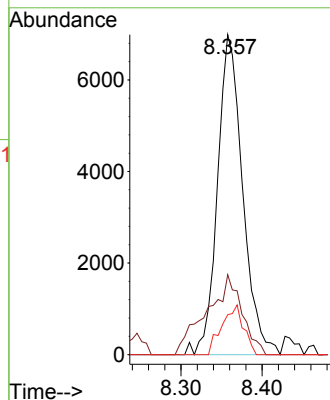
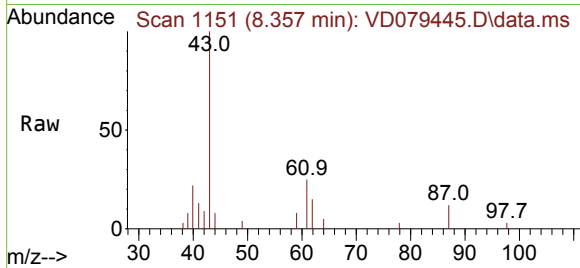
Tgt Ion: 43 Resp: 15064

Ion Ratio Lower Upper

43 100

61 35.0 29.3 43.9

87 13.4 14.9 22.3#



#44

Trichloroethene

Concen: 5.008 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. 0.000 min

Lab File: VD079445.D

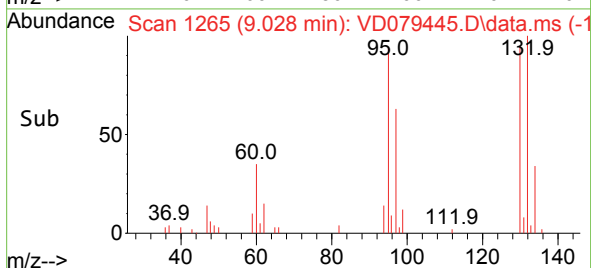
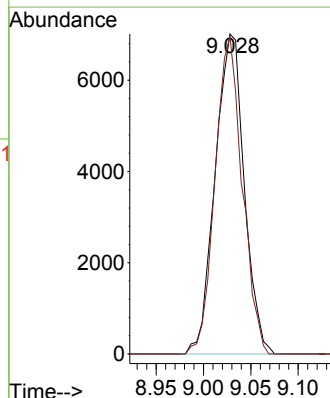
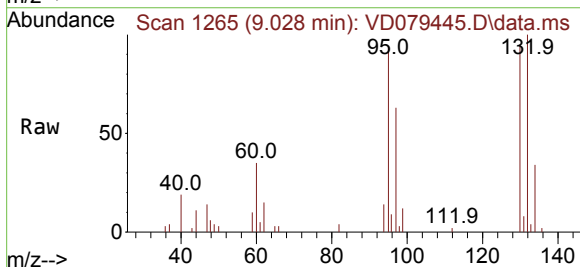
Acq: 29 Jul 2024 19:30

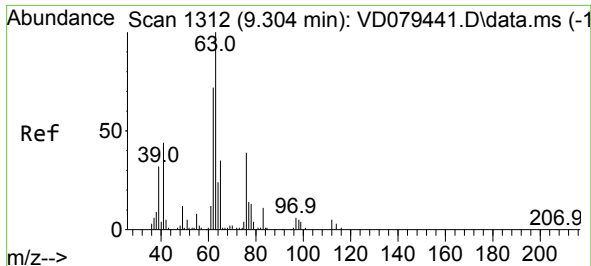
Tgt Ion:130 Resp: 14978

Ion Ratio Lower Upper

130 100

95 99.3 0.0 177.8





#45

1,2-Dichloropropane

Concen: 5.158 ug/l

RT: 9.299 min Scan# 1311

Delta R.T. -0.006 min

Lab File: VD079445.D

Acq: 29 Jul 2024 19:30

Instrument :

MSVOA_D

ClientSampleId :

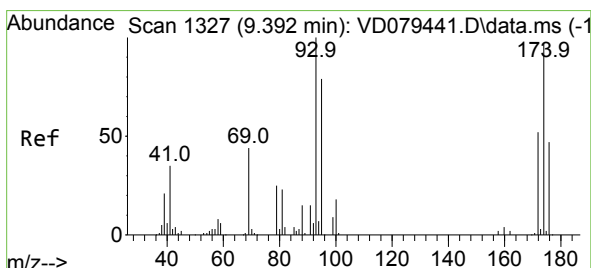
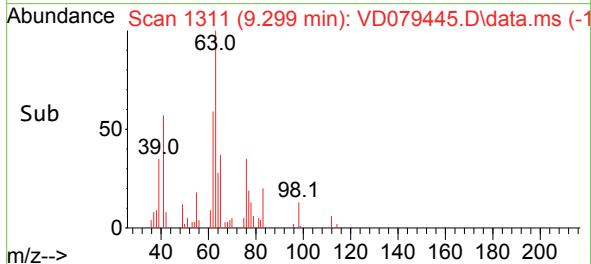
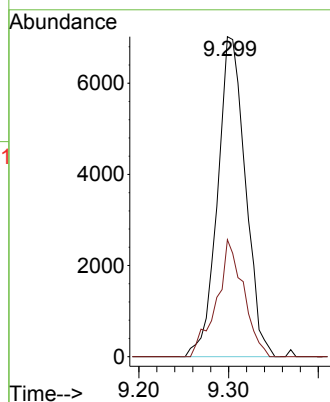
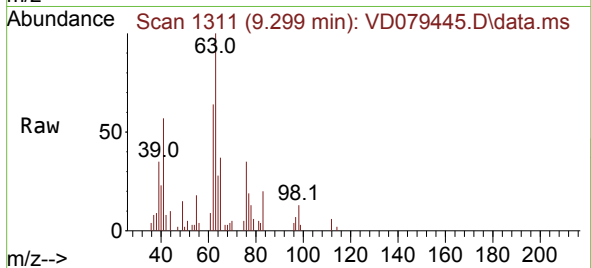
VSTDICC005

Tgt Ion: 63 Resp: 15081

Ion Ratio Lower Upper

63 100

65 36.6 23.8 35.8#



#46

Dibromomethane

Concen: 5.268 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD079445.D

Acq: 29 Jul 2024 19:30

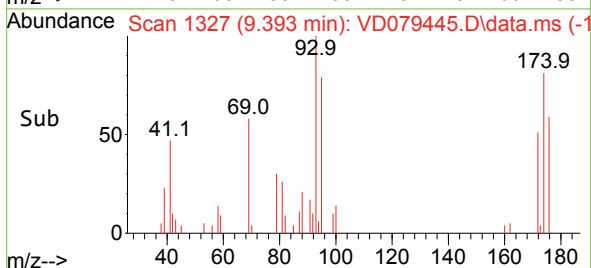
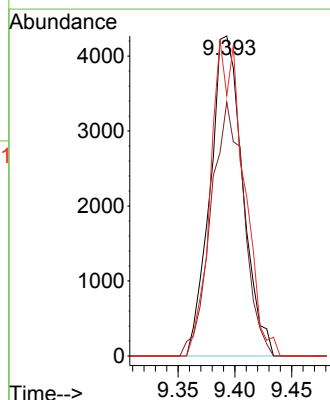
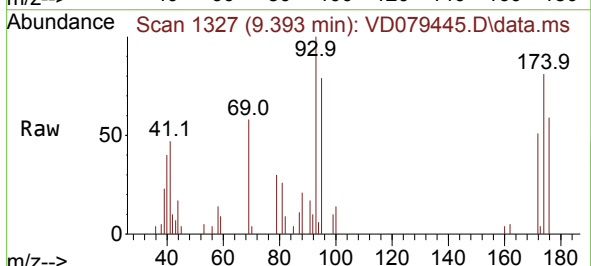
Tgt Ion: 93 Resp: 8540

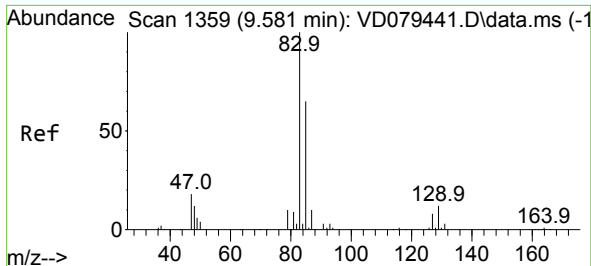
Ion Ratio Lower Upper

93 100

95 80.2 65.6 98.4

174 100.2 82.3 123.5

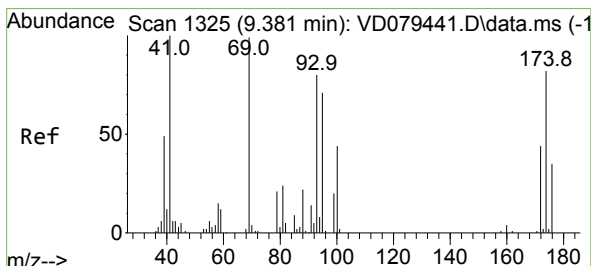
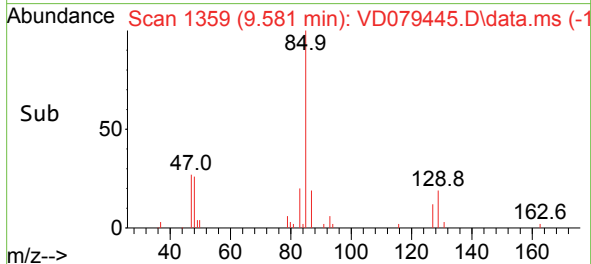
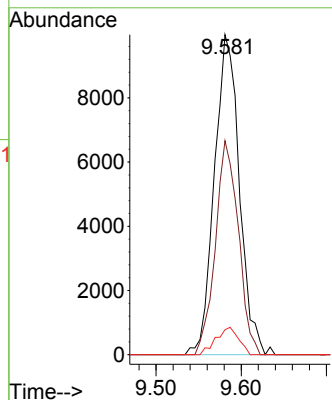
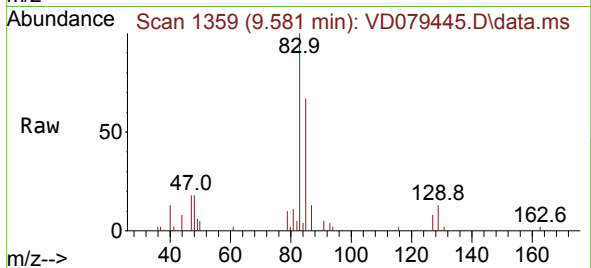




#47
Bromodichloromethane
Concen: 5.102 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VD079445.D
Acq: 29 Jul 2024 19:30

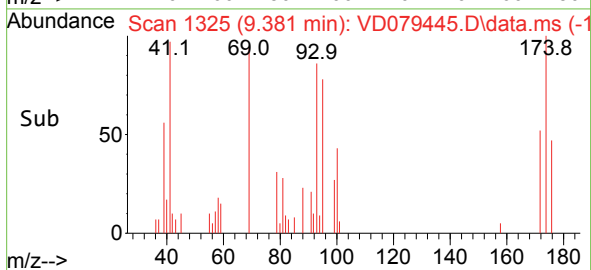
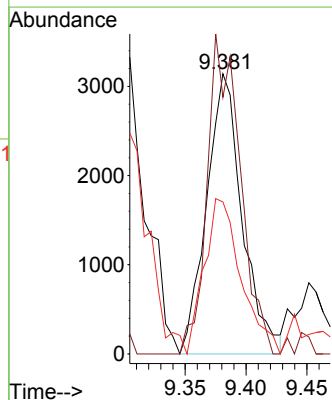
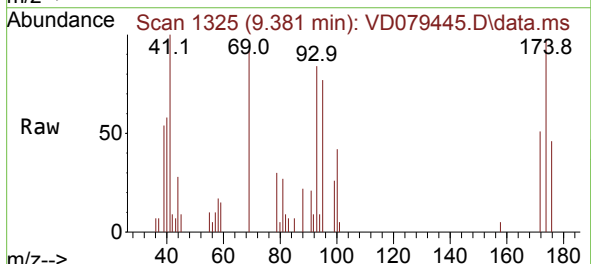
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

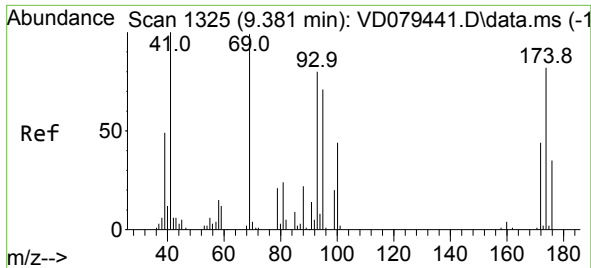
Tgt Ion: 83 Resp: 20307
Ion Ratio Lower Upper
83 100
85 66.9 50.1 75.1
127 7.8 6.8 10.2



#48
Methyl methacrylate
Concen: 4.907 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD079445.D
Acq: 29 Jul 2024 19:30

Tgt Ion: 41 Resp: 6401
Ion Ratio Lower Upper
41 100
69 105.6 96.7 145.1
39 57.4 43.8 65.6





#49

1,4-Dioxane

Concen: 97.164 ug/l

RT: 9.393 min Scan# 1

Delta R.T. 0.012 min

Lab File: VD079445.D

Acq: 29 Jul 2024 19:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

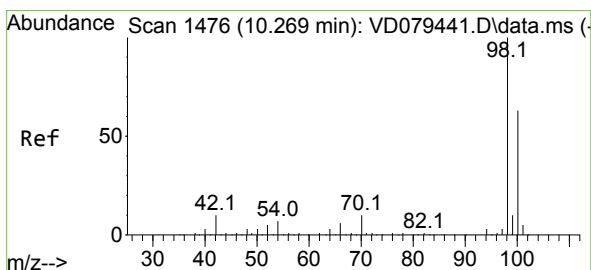
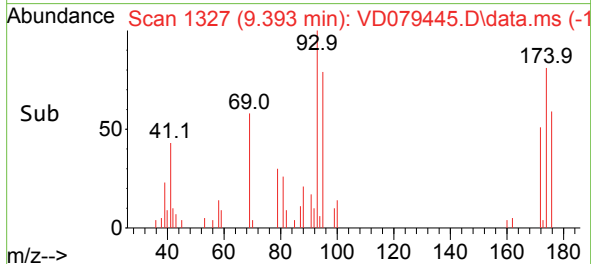
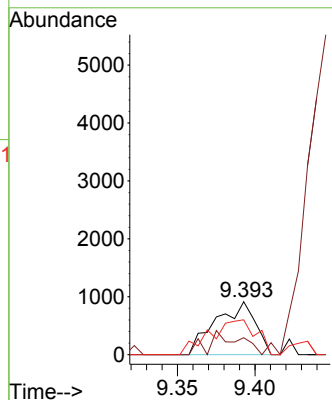
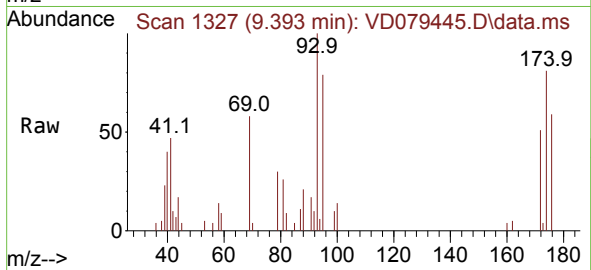
Tgt Ion: 88 Resp: 1632

Ion Ratio Lower Upper

88 100

43 35.0 21.5 32.3#

58 76.6 42.2 63.4#



#50

Toluene-d8

Concen: 4.770 ug/l

RT: 10.263 min Scan# 1475

Delta R.T. -0.006 min

Lab File: VD079445.D

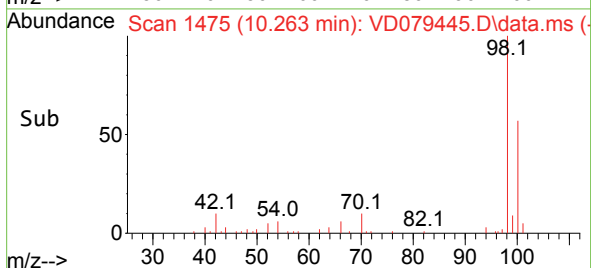
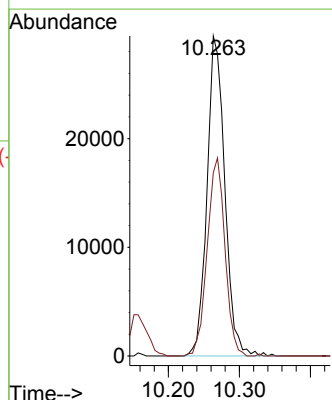
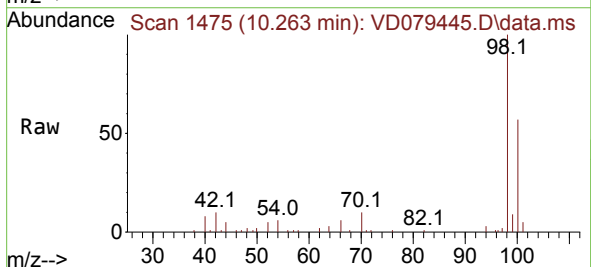
Acq: 29 Jul 2024 19:30

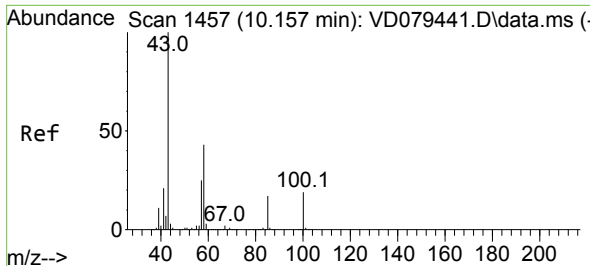
Tgt Ion: 98 Resp: 51342

Ion Ratio Lower Upper

98 100

100 61.7 51.6 77.4

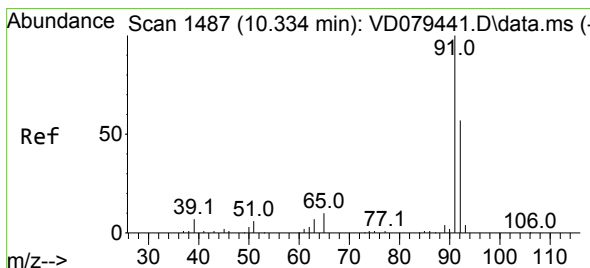
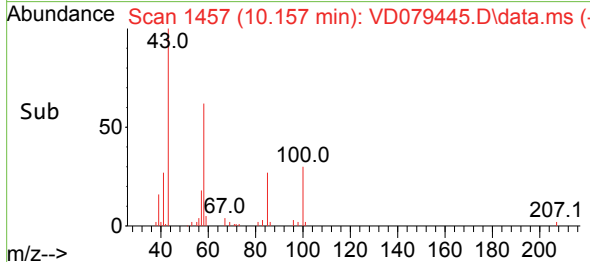
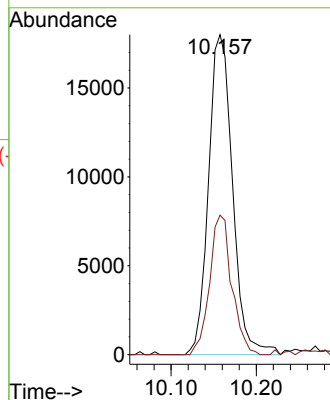
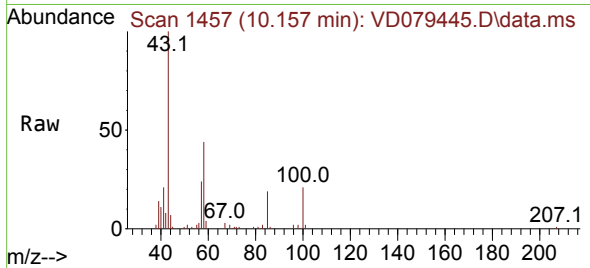




#51
4-Methyl-2-Pentanone
Concen: 23.707 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD079445.D
Acq: 29 Jul 2024 19:30

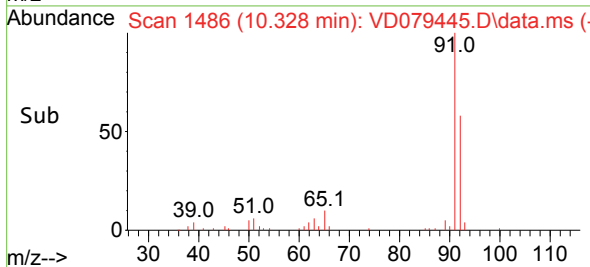
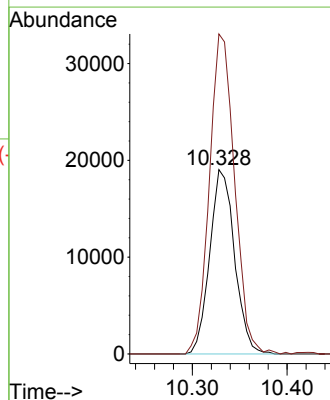
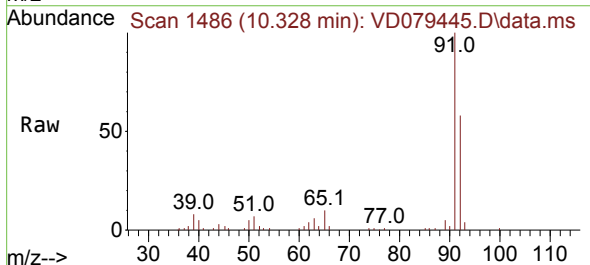
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

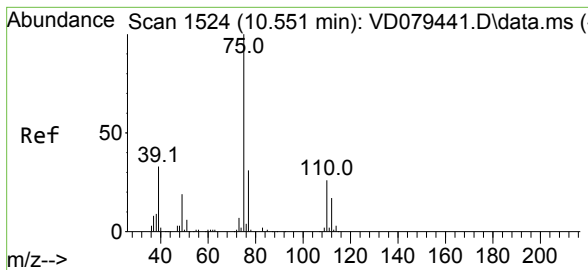
Tgt Ion: 43 Resp: 35282
Ion Ratio Lower Upper
43 100
58 40.3 36.6 55.0



#52
Toluene
Concen: 4.664 ug/l
RT: 10.328 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VD079445.D
Acq: 29 Jul 2024 19:30

Tgt Ion: 92 Resp: 34658
Ion Ratio Lower Upper
92 100
91 175.9 141.7 212.5

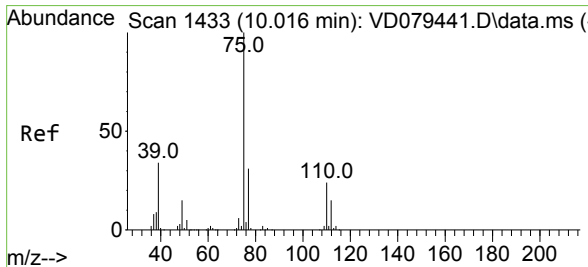
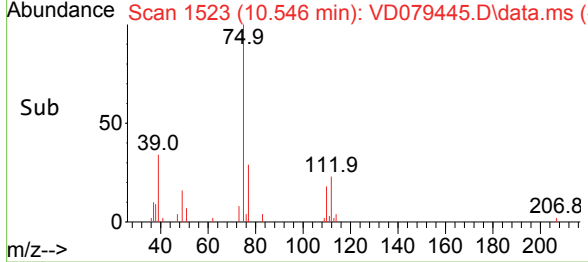
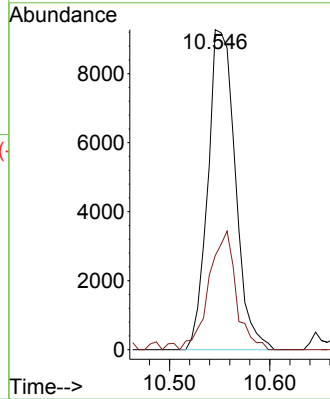
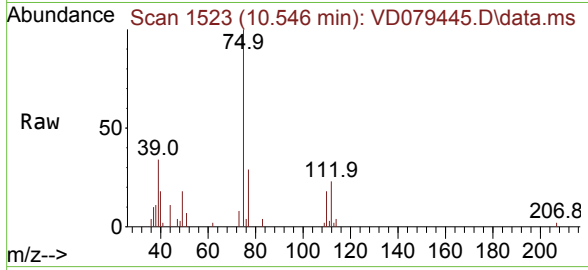




#53
 t-1,3-Dichloropropene
 Concen: 4.800 ug/l
 RT: 10.546 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VD079445.D
 Acq: 29 Jul 2024 19:30

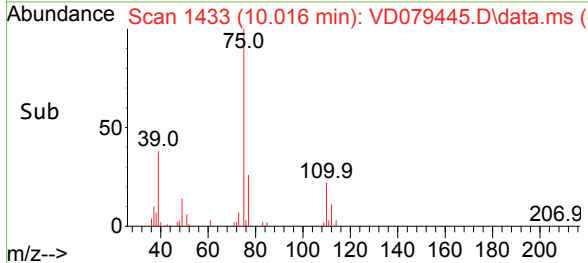
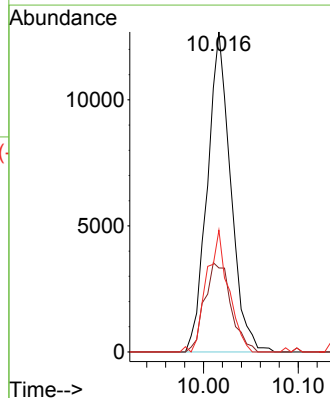
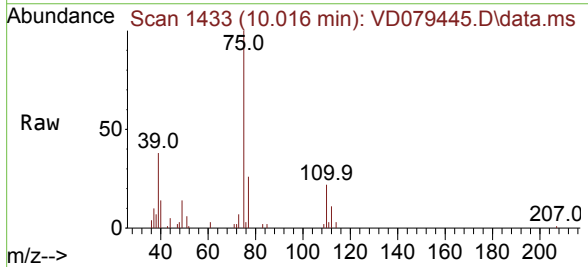
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

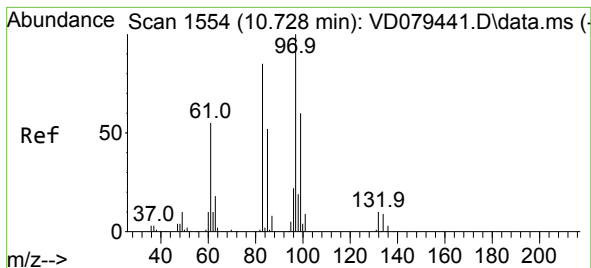
Tgt Ion: 75 Resp: 17642
 Ion Ratio Lower Upper
 75 100
 77 29.4 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 4.917 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD079445.D
 Acq: 29 Jul 2024 19:30

Tgt Ion: 75 Resp: 21737
 Ion Ratio Lower Upper
 75 100
 77 26.3 24.4 36.6
 39 38.0 24.2 36.2#





#55

1,1,2-Trichloroethane

Concen: 5.206 ug/l

RT: 10.728 min Scan# 1554

Delta R.T. 0.000 min

Lab File: VD079445.D

Acq: 29 Jul 2024 19:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tgt Ion: 97 Resp: 11116

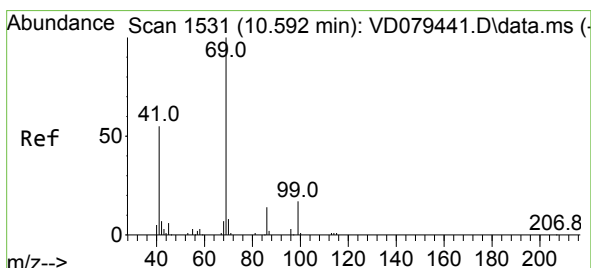
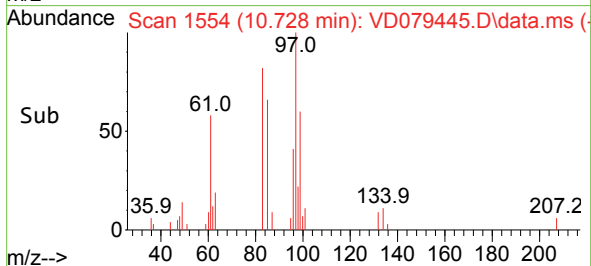
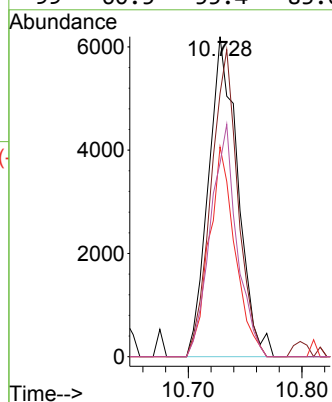
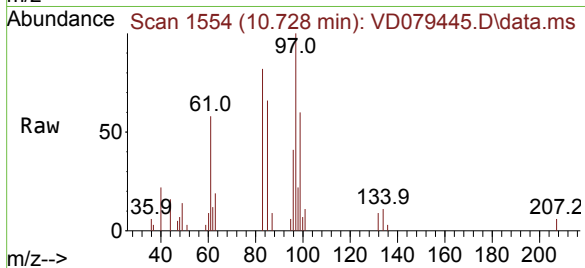
Ion Ratio Lower Upper

97 100

83 82.2 65.8 98.8

85 65.5 43.8 65.8

99 60.5 55.4 83.0



#56

Ethyl methacrylate

Concen: 4.615 ug/l

RT: 10.599 min Scan# 1532

Delta R.T. 0.006 min

Lab File: VD079445.D

Acq: 29 Jul 2024 19:30

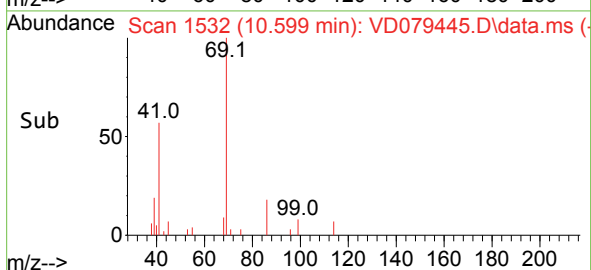
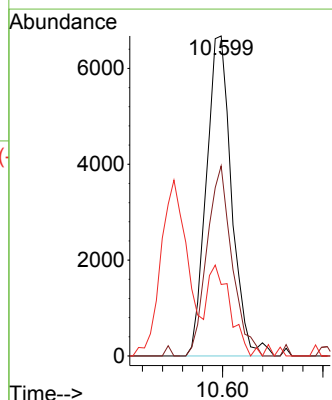
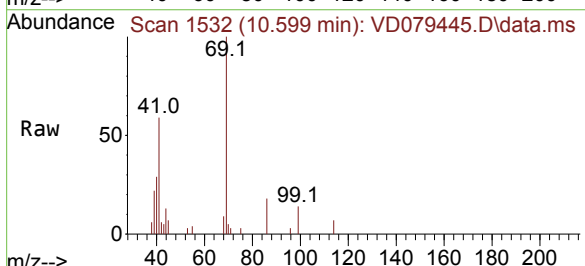
Tgt Ion: 69 Resp: 11677

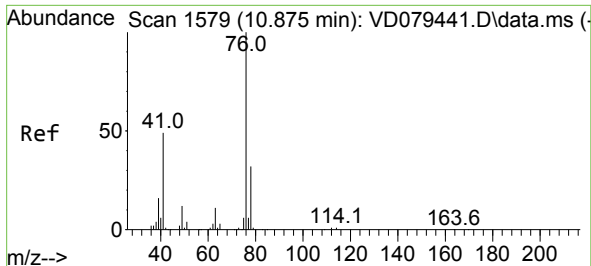
Ion Ratio Lower Upper

69 100

41 59.2 39.8 59.6

39 24.5 20.2 30.4





#57

1,3-Dichloropropane

Concen: 5.057 ug/l

RT: 10.875 min Scan# 1579

Delta R.T. 0.000 min

Lab File: VD079445.D

Acq: 29 Jul 2024 19:30

Instrument :

MSVOA_D

ClientSampleId :

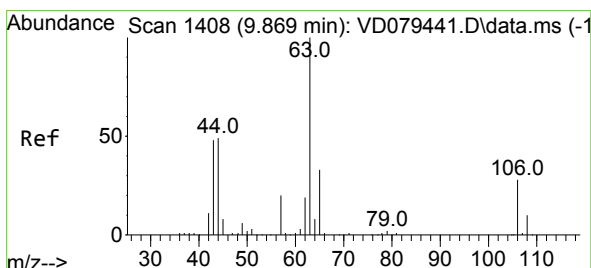
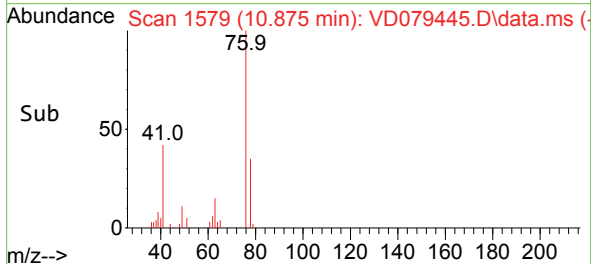
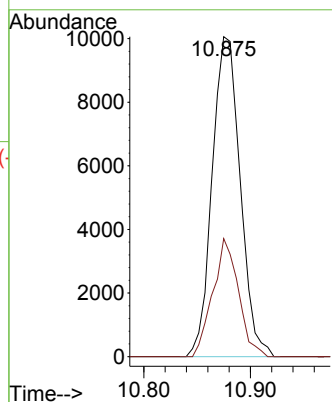
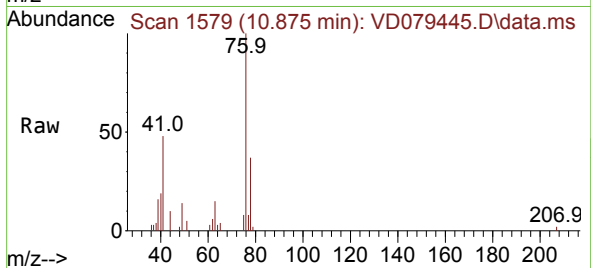
VSTDIC005

Tgt Ion: 76 Resp: 18348

Ion Ratio Lower Upper

76 100

78 33.8 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 22.860 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD079445.D

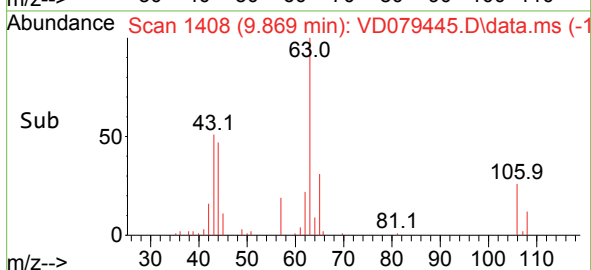
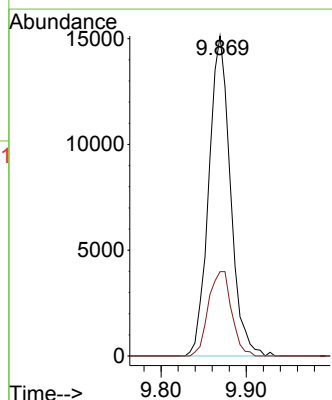
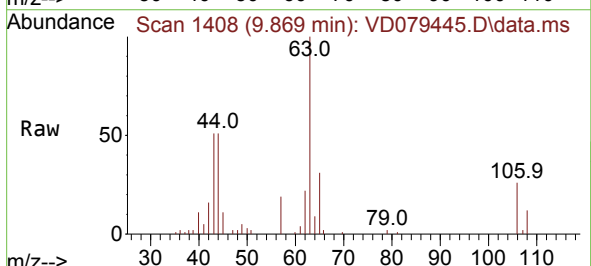
Acq: 29 Jul 2024 19:30

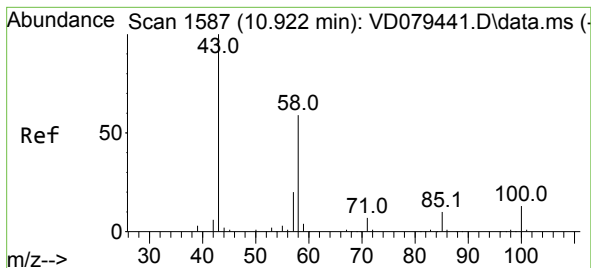
Tgt Ion: 63 Resp: 26673

Ion Ratio Lower Upper

63 100

106 28.2 26.4 39.6

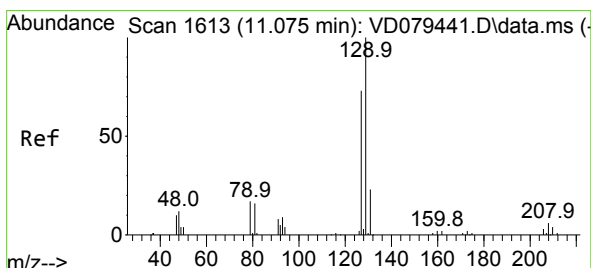
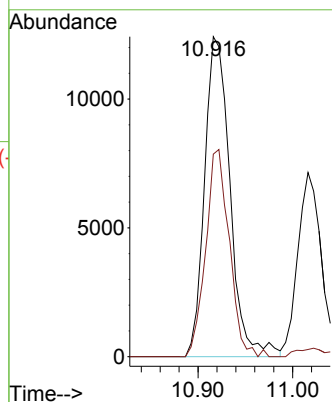
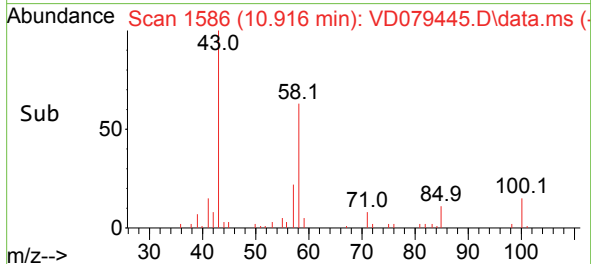
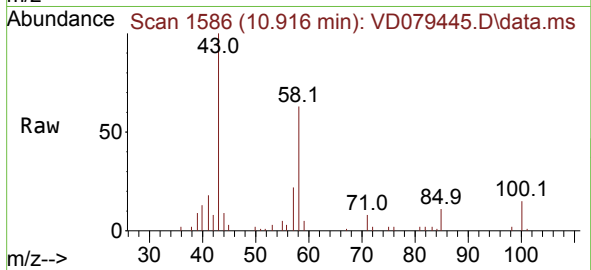




#59
2-Hexanone
Concen: 22.374 ug/l
RT: 10.916 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VD079445.D
Acq: 29 Jul 2024 19:30

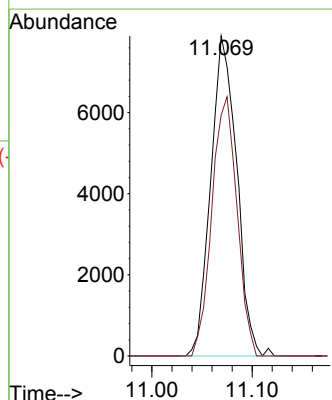
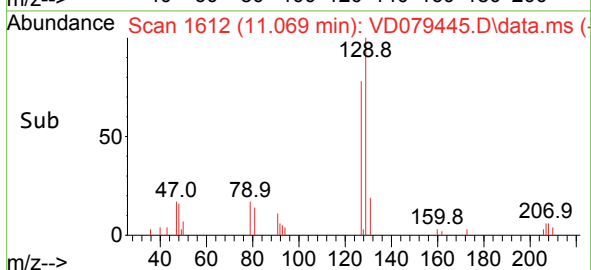
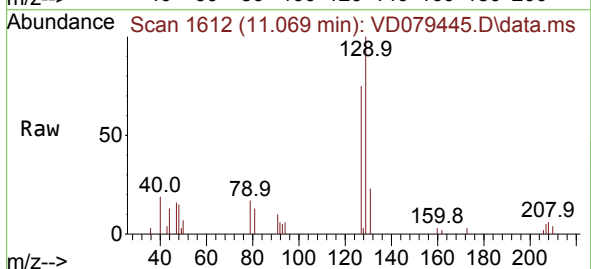
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

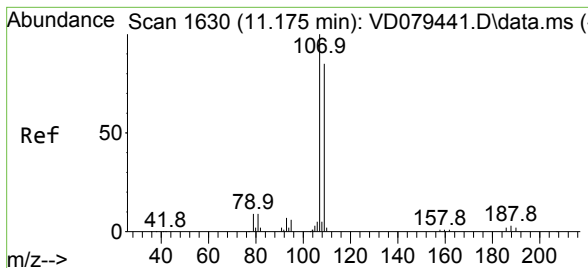
Tgt Ion: 43 Resp: 23223
Ion Ratio Lower Upper
43 100
58 60.1 31.1 93.5



#60
Dibromochloromethane
Concen: 5.091 ug/l
RT: 11.069 min Scan# 1612
Delta R.T. -0.006 min
Lab File: VD079445.D
Acq: 29 Jul 2024 19:30

Tgt Ion: 129 Resp: 14200
Ion Ratio Lower Upper
129 100
127 78.2 38.0 113.9





#61

1,2-Dibromoethane

Concen: 5.348 ug/l

RT: 11.175 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD079445.D

Acq: 29 Jul 2024 19:30

Instrument :

MSVOA_D

ClientSampleId :

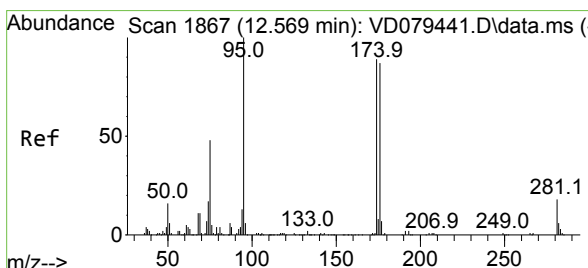
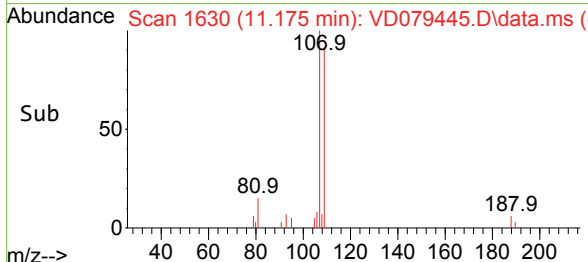
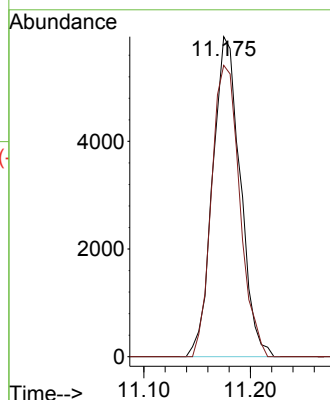
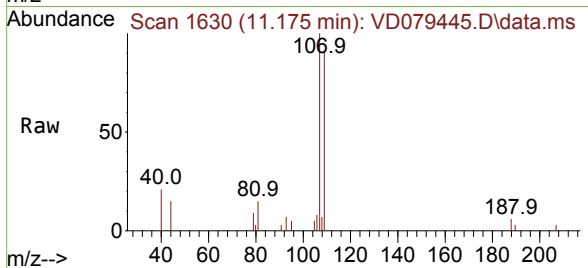
VSTDIC005

Tgt Ion:107 Resp: 10698

Ion Ratio Lower Upper

107 100

109 92.9 72.0 108.0



#62

4-Bromofluorobenzene

Concen: 4.953 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. 0.000 min

Lab File: VD079445.D

Acq: 29 Jul 2024 19:30

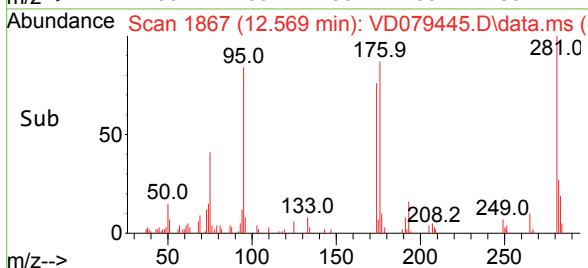
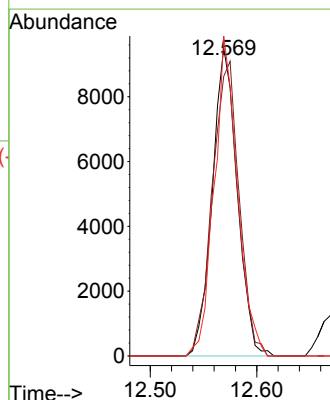
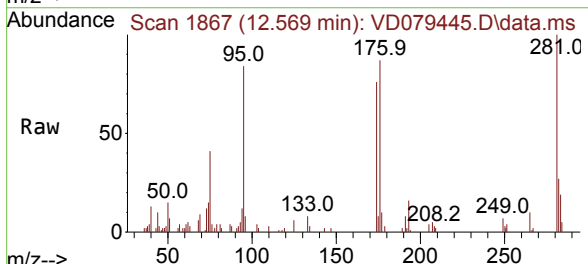
Tgt Ion: 95 Resp: 15428

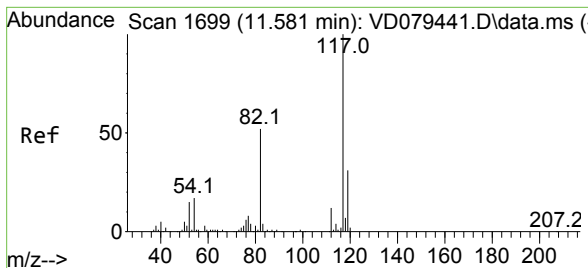
Ion Ratio Lower Upper

95 100

174 103.1 0.0 195.4

176 97.2 0.0 192.6

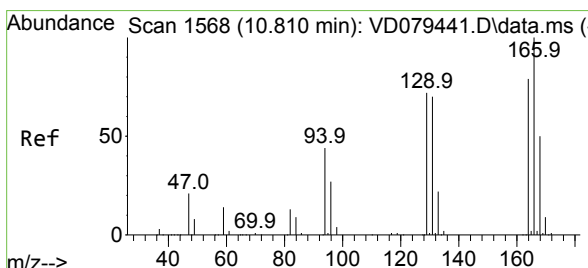
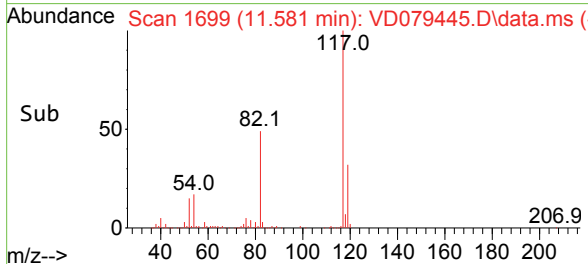
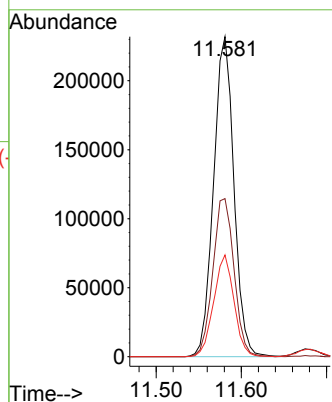
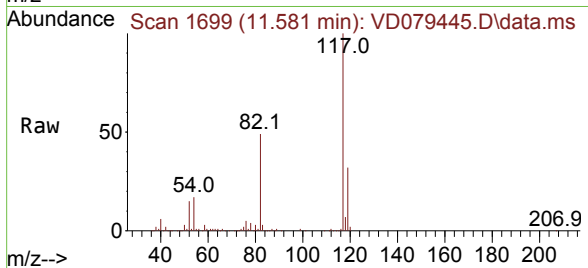




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD079445.D
Acq: 29 Jul 2024 19:30

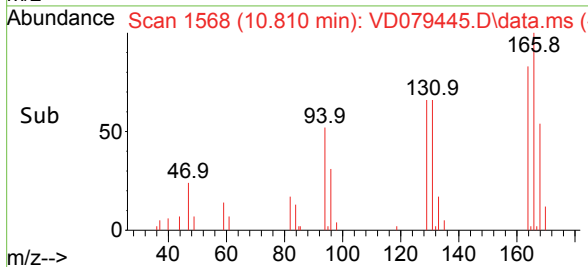
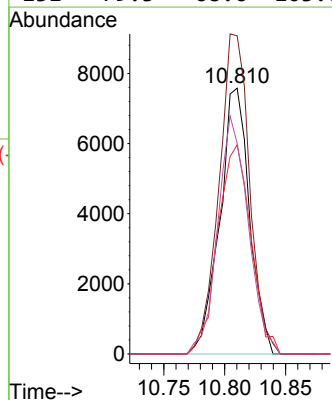
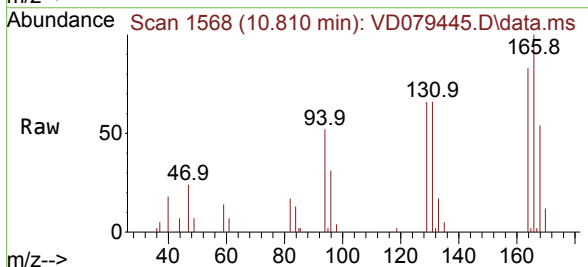
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

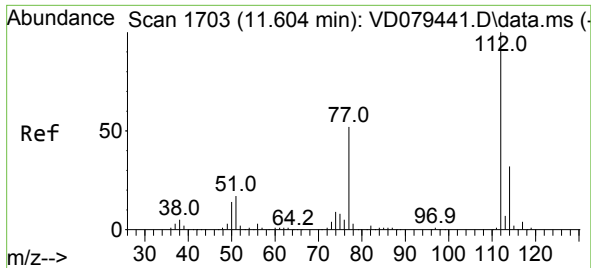
Tgt Ion:117 Resp: 384937
Ion Ratio Lower Upper
117 100
82 49.4 39.8 59.6
119 31.8 25.7 38.5



#64
Tetrachloroethene
Concen: 4.953 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD079445.D
Acq: 29 Jul 2024 19:30

Tgt Ion:164 Resp: 12855
Ion Ratio Lower Upper
164 100
166 119.8 108.6 163.0
129 78.7 74.6 112.0
131 79.3 68.6 103.0

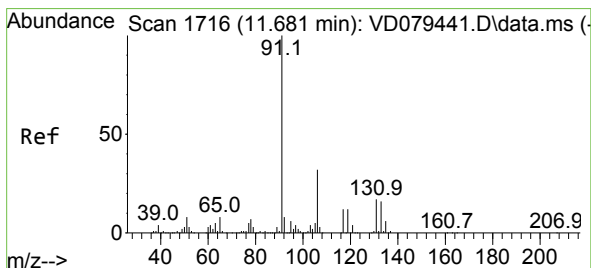
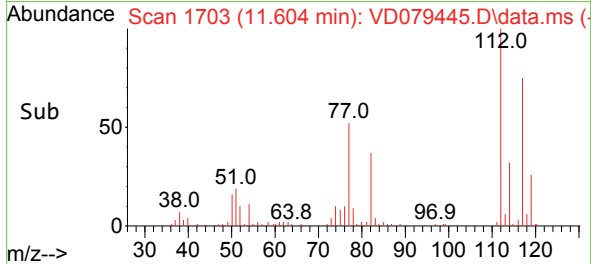
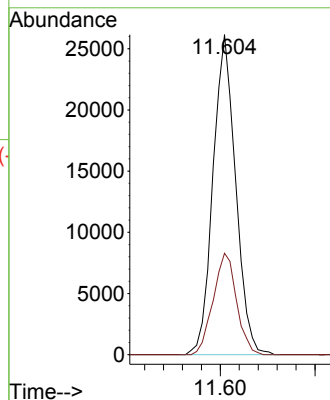
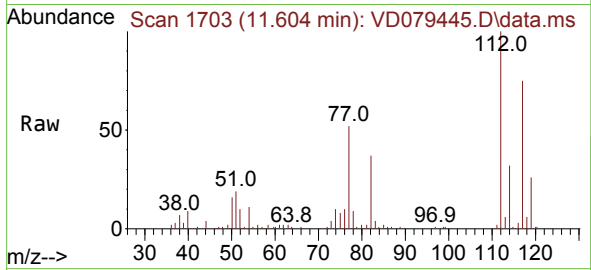




#65
Chlorobenzene
Concen: 5.093 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD079445.D
Acq: 29 Jul 2024 19:30

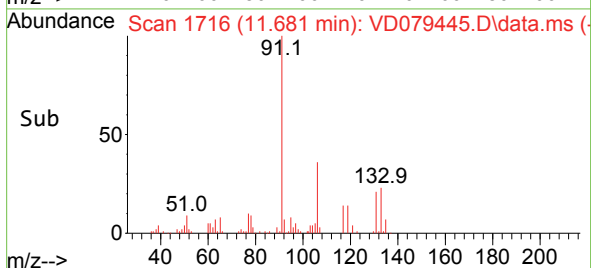
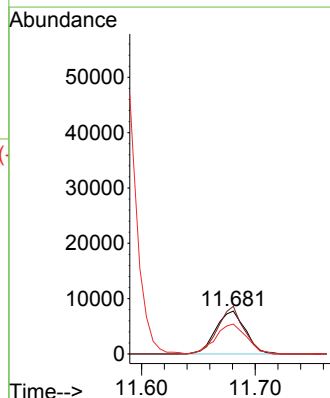
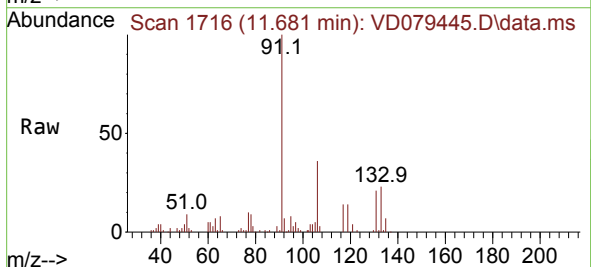
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

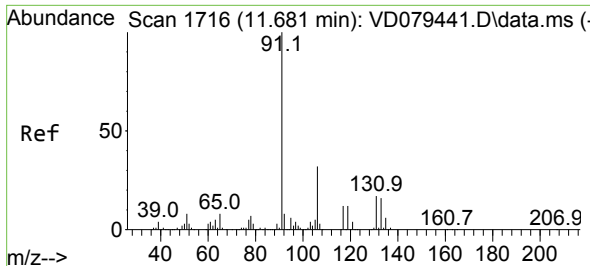
Tgt Ion:112 Resp: 43416
Ion Ratio Lower Upper
112 100
114 31.7 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 4.978 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD079445.D
Acq: 29 Jul 2024 19:30

Tgt Ion:131 Resp: 13961
Ion Ratio Lower Upper
131 100
133 99.6 49.2 147.6
119 73.8 33.4 100.2

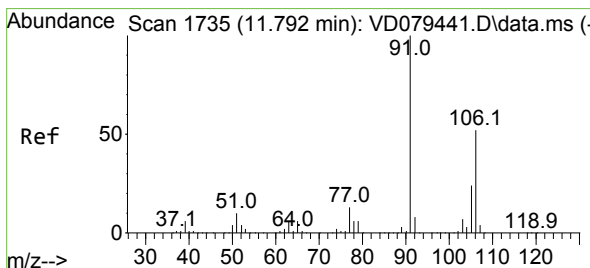
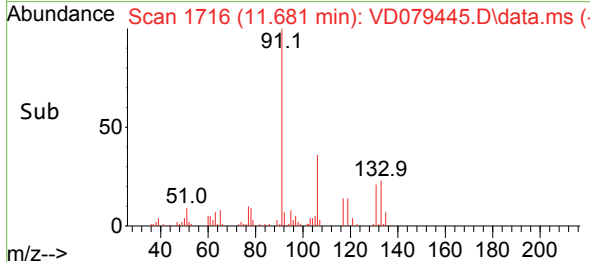
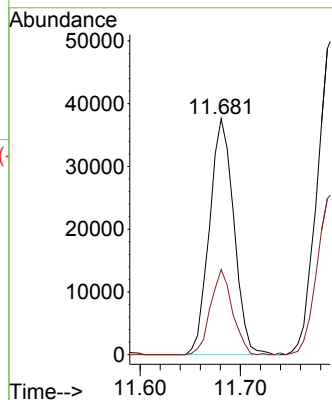
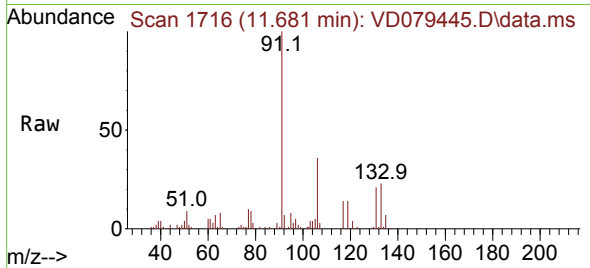




#67
Ethyl Benzene
Concen: 4.566 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD079445.D
Acq: 29 Jul 2024 19:30

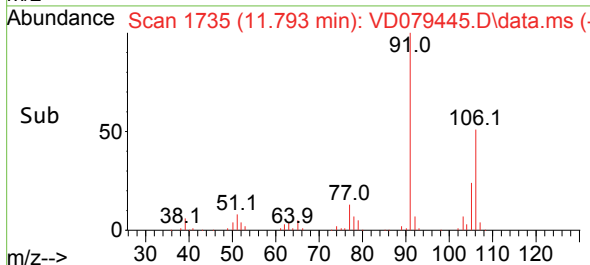
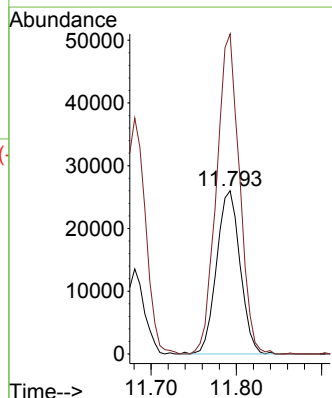
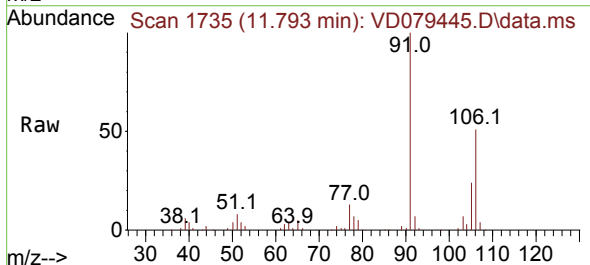
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

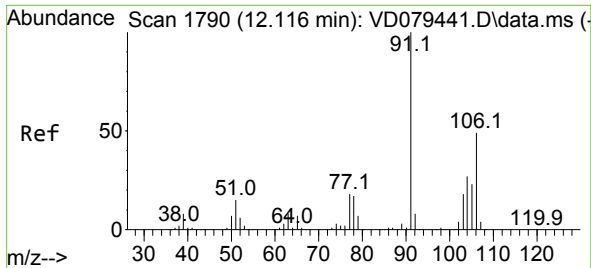
Tgt Ion: 91 Resp: 63717
Ion Ratio Lower Upper
91 100
106 36.1 25.8 38.6



#68
m/p-Xylenes
Concen: 9.006 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD079445.D
Acq: 29 Jul 2024 19:30

Tgt Ion: 106 Resp: 49859
Ion Ratio Lower Upper
106 100
91 191.3 148.5 222.7

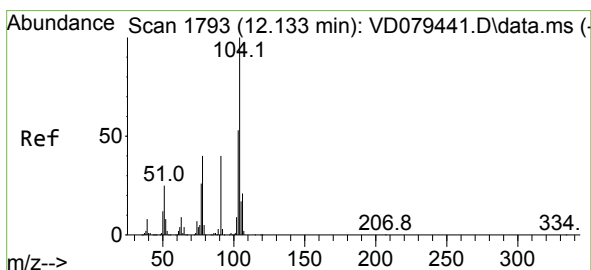
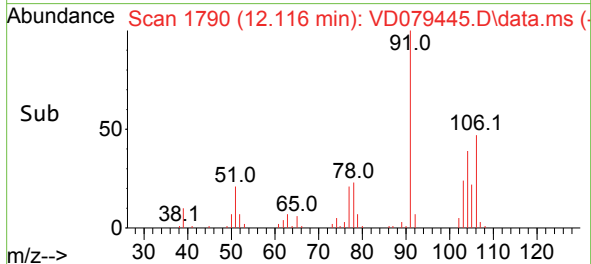
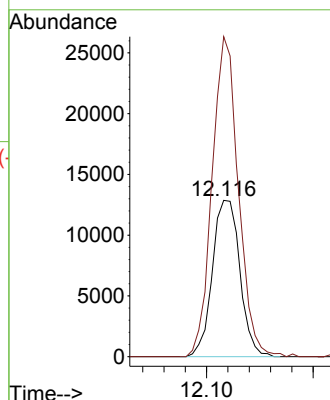
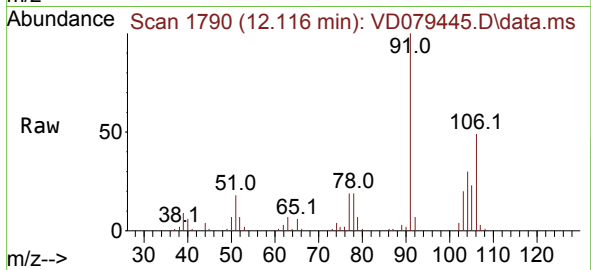




#69
o-Xylene
Concen: 4.537 ug/l
RT: 12.116 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VD079445.D
Acq: 29 Jul 2024 19:30

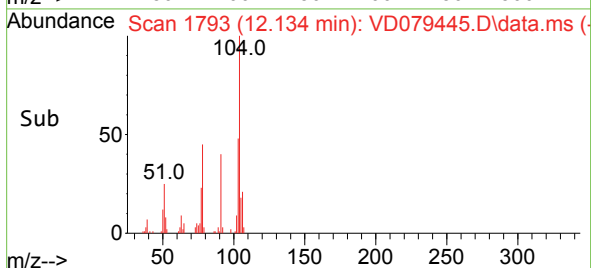
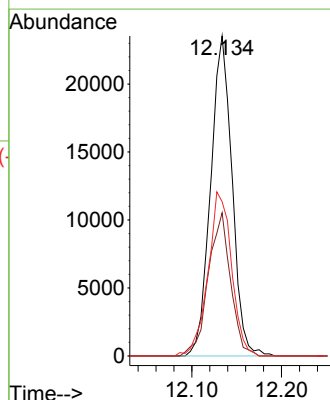
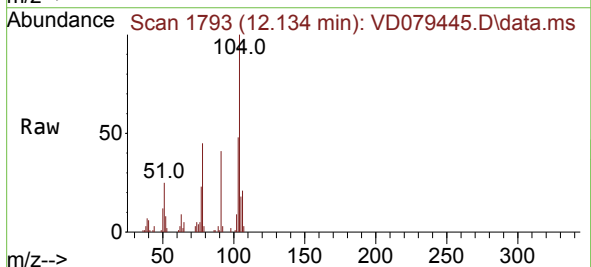
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

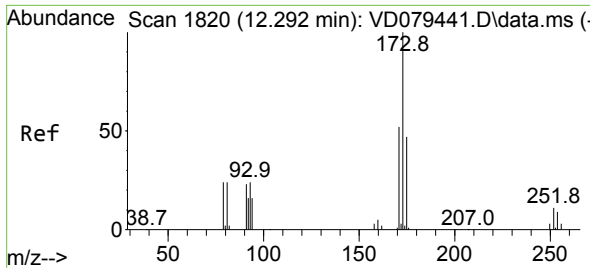
Tgt Ion:106 Resp: 23022
Ion Ratio Lower Upper
106 100
91 195.8 96.7 290.1



#70
Styrene
Concen: 4.389 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD079445.D
Acq: 29 Jul 2024 19:30

Tgt Ion:104 Resp: 39046
Ion Ratio Lower Upper
104 100
78 46.6 33.0 49.6
103 56.2 44.2 66.4

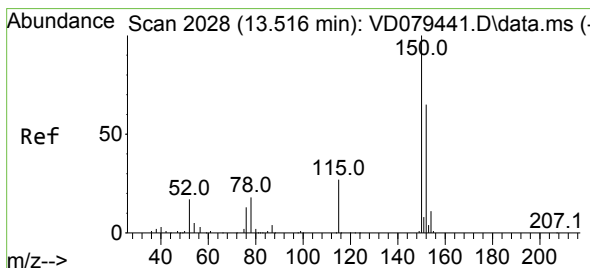
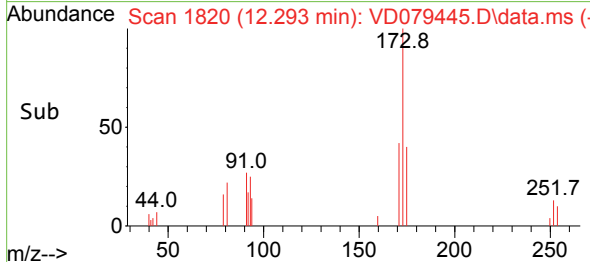
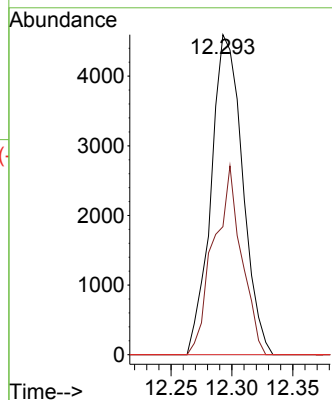
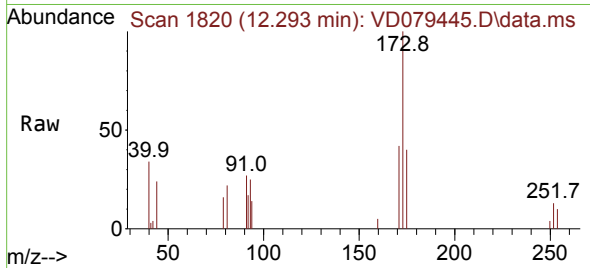




#71
Bromoform
Concen: 5.226 ug/l
RT: 12.293 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD079445.D
Acq: 29 Jul 2024 19:30

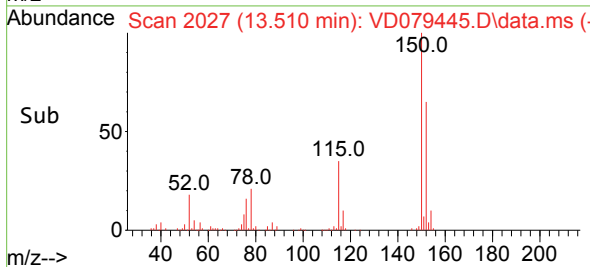
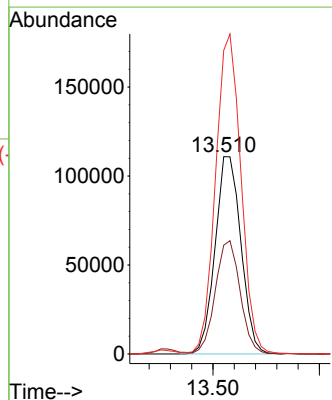
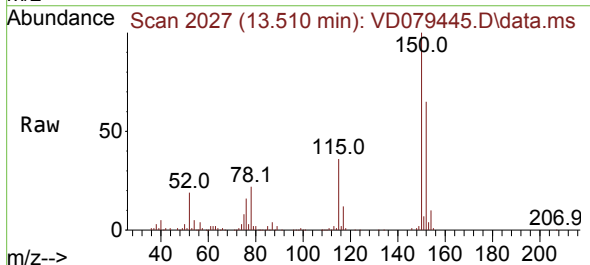
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

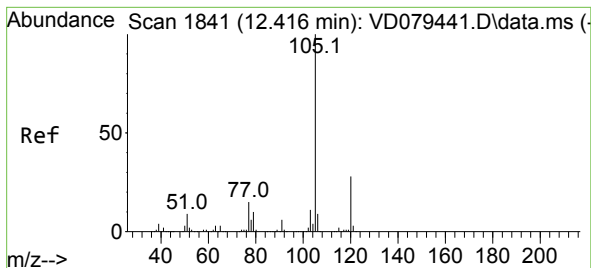
Tgt Ion:173 Resp: 8286
Ion Ratio Lower Upper
173 100
175 52.2 23.7 71.1
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 2027
Delta R.T. -0.006 min
Lab File: VD079445.D
Acq: 29 Jul 2024 19:30

Tgt Ion:152 Resp: 186941
Ion Ratio Lower Upper
152 100
115 55.2 26.5 79.5
150 159.0 0.0 341.6





#73

Isopropylbenzene

Concen: 7.336 ug/l

RT: 12.416 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD079445.D

Acq: 29 Jul 2024 19:30

Instrument :

MSVOA_D

ClientSampleId :

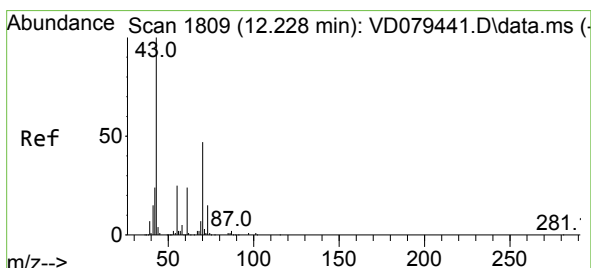
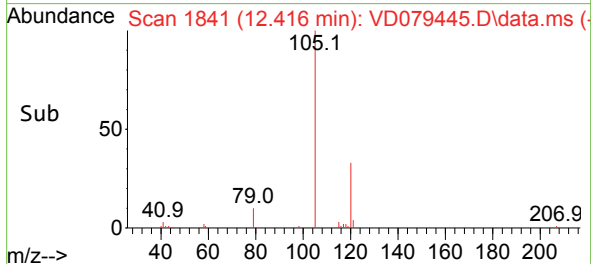
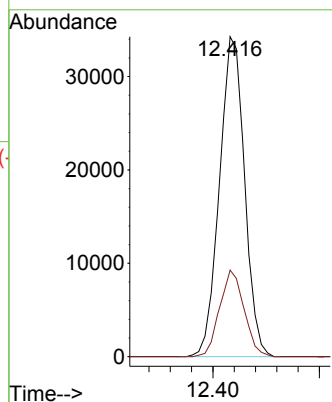
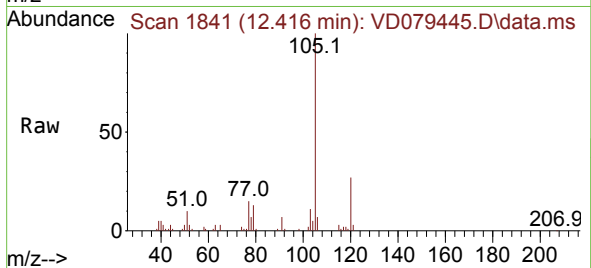
VSTDIC005

Tgt Ion:105 Resp: 55986

Ion Ratio Lower Upper

105 100

120 26.3 13.6 40.7



#74

N-ethyl acetate

Concen: 4.589 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. 0.006 min

Lab File: VD079445.D

Acq: 29 Jul 2024 19:30

Tgt Ion: 43 Resp: 12617

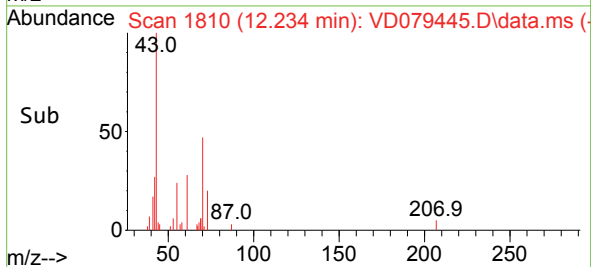
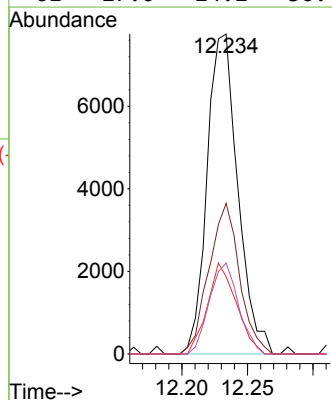
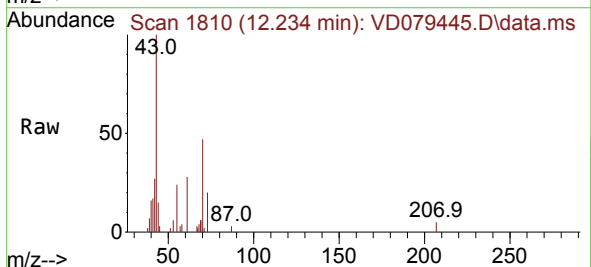
Ion Ratio Lower Upper

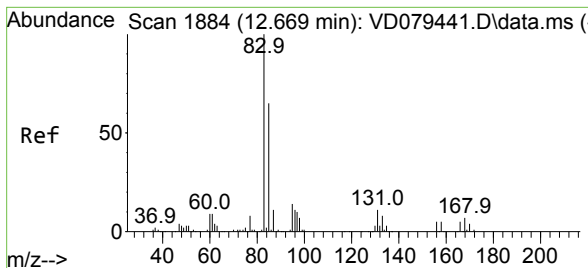
43 100

70 47.1 44.3 66.5

55 26.8 23.2 34.8

61 27.0 24.2 36.4





#75

1,1,2,2-Tetrachloroethane

Concen: 5.381 ug/l

RT: 12.669 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VD079445.D

Acq: 29 Jul 2024 19:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

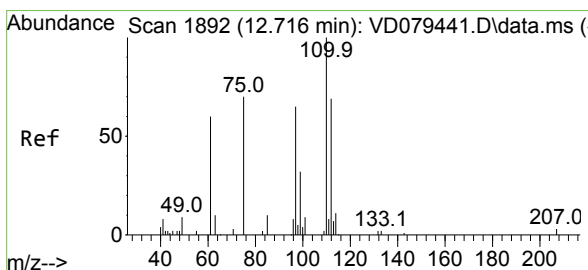
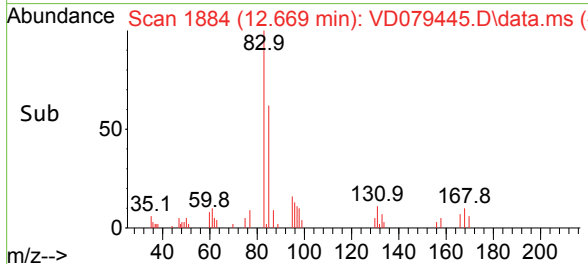
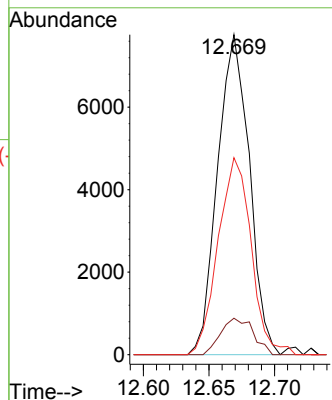
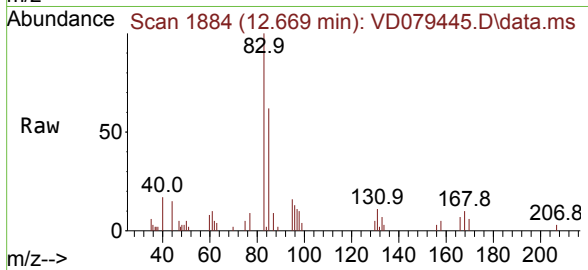
Tgt Ion: 83 Resp: 13069

Ion Ratio Lower Upper

83 100

131 11.7 5.5 16.5

85 64.3 33.8 101.3



#76

1,2,3-Trichloropropane

Concen: 10.130 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. 0.006 min

Lab File: VD079445.D

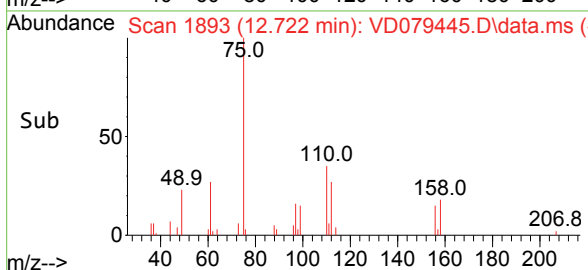
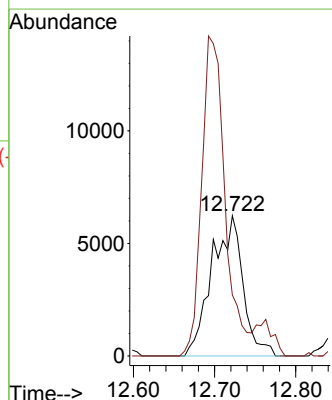
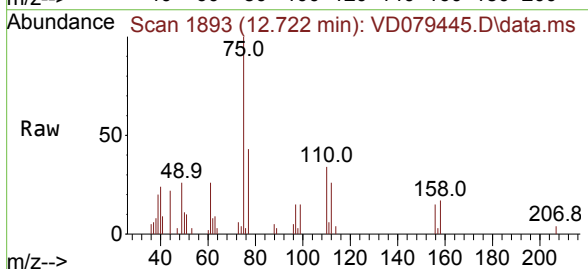
Acq: 29 Jul 2024 19:30

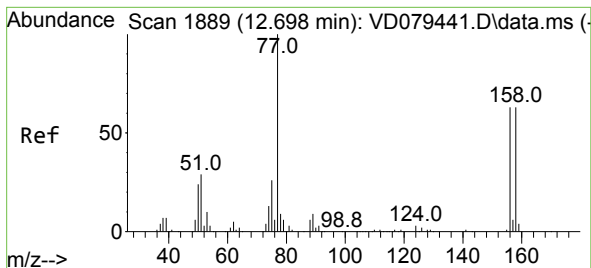
Tgt Ion: 75 Resp: 16614

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 4.797 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VD079445.D

Acq: 29 Jul 2024 19:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

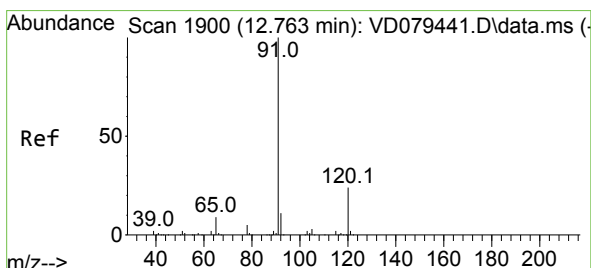
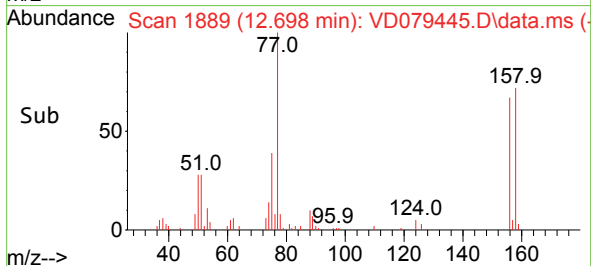
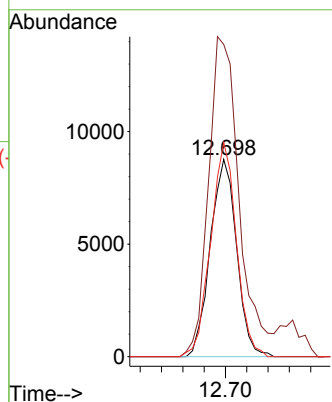
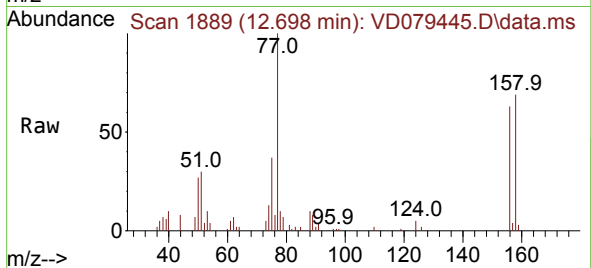
Tgt Ion:156 Resp: 15038

Ion Ratio Lower Upper

156 100

77 189.0 77.3 231.9

158 106.1 49.6 149.0



#78

n-propylbenzene

Concen: 4.480 ug/l

RT: 12.757 min Scan# 1899

Delta R.T. -0.006 min

Lab File: VD079445.D

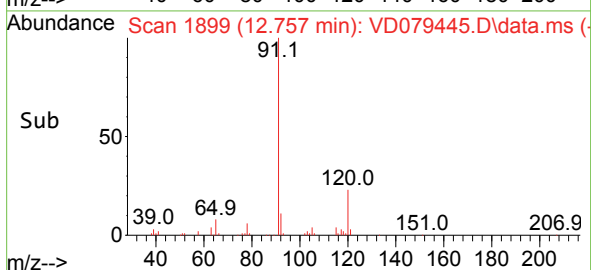
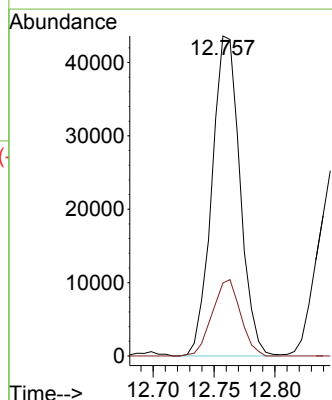
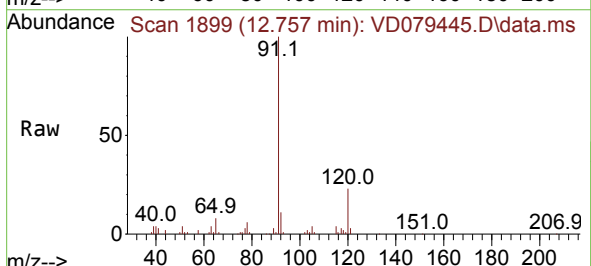
Acq: 29 Jul 2024 19:30

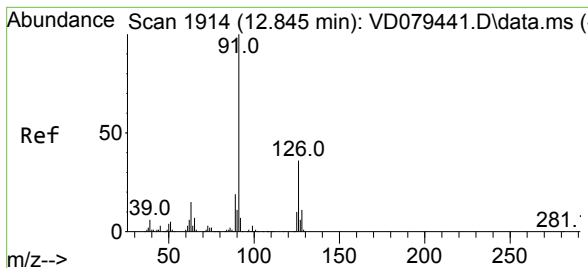
Tgt Ion: 91 Resp: 70014

Ion Ratio Lower Upper

91 100

120 24.0 12.3 36.8

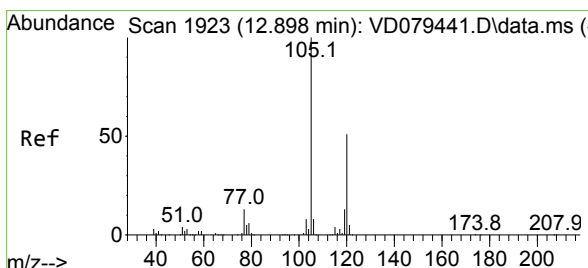
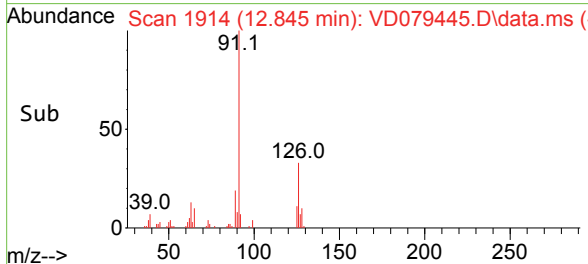
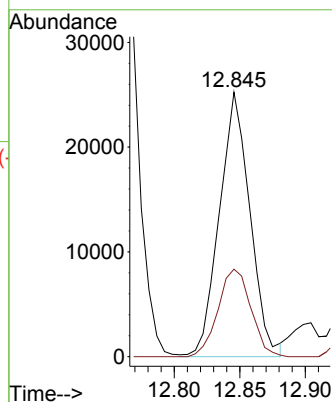
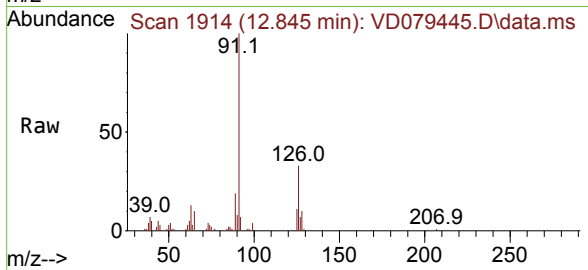




#79
2-Chlorotoluene
Concen: 4.703 ug/l
RT: 12.845 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VD079445.D
Acq: 29 Jul 2024 19:30

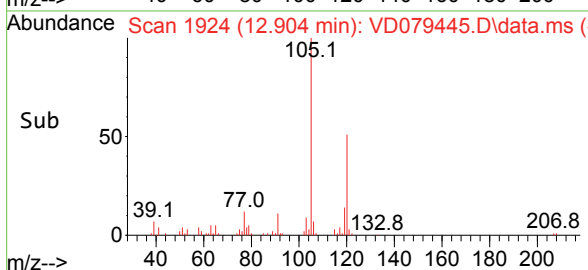
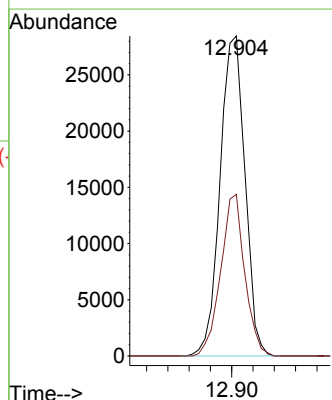
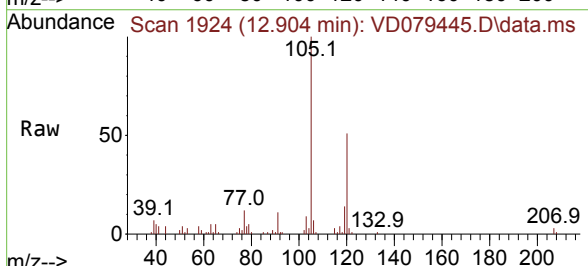
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

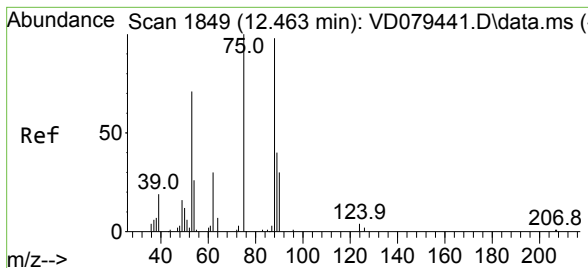
Tgt Ion: 91 Resp: 40923
Ion Ratio Lower Upper
91 100
126 35.5 19.3 57.8



#80
1,3,5-Trimethylbenzene
Concen: 4.431 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.006 min
Lab File: VD079445.D
Acq: 29 Jul 2024 19:30

Tgt Ion: 105 Resp: 46147
Ion Ratio Lower Upper
105 100
120 48.7 25.7 77.1

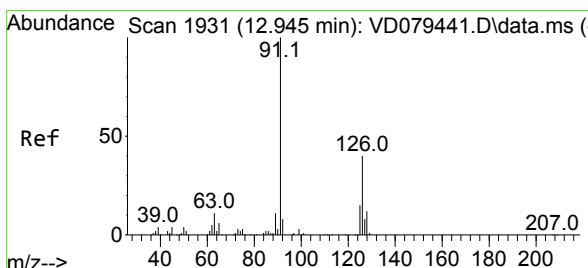
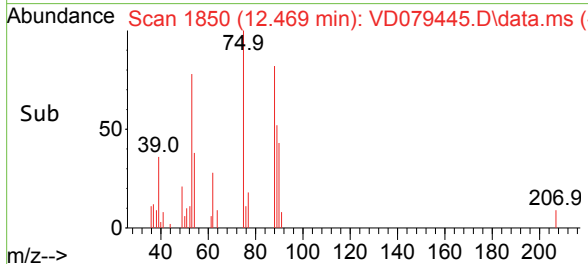
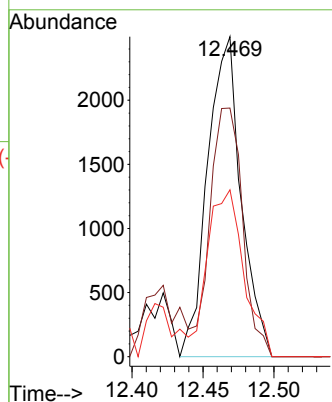
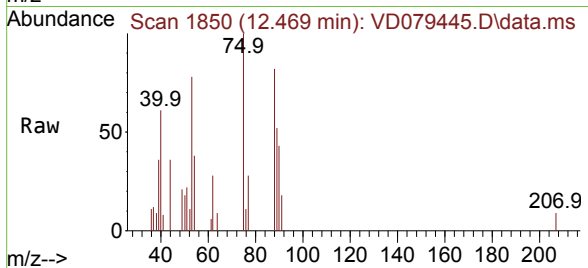




#81
trans-1,4-Dichloro-2-butene
Concen: 4.791 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.006 min
Lab File: VD079445.D
Acq: 29 Jul 2024 19:30

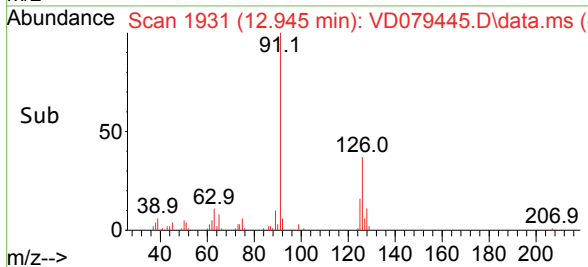
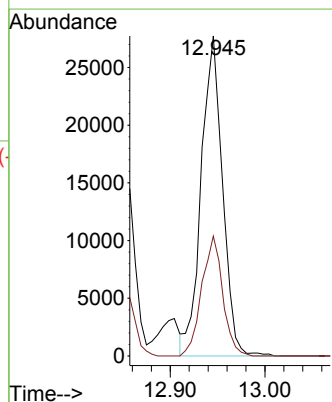
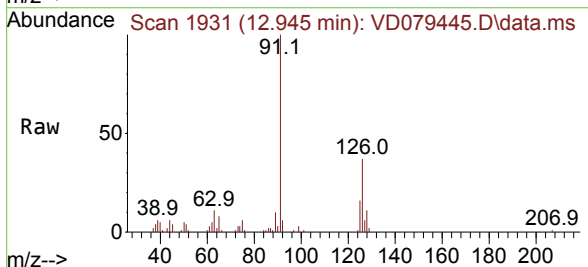
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

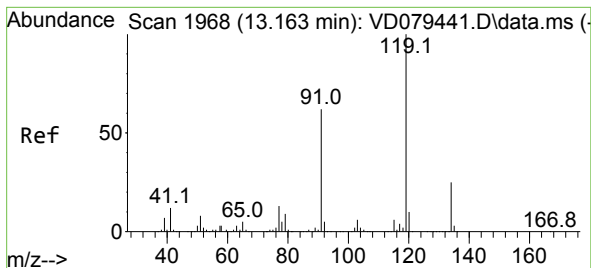
Tgt Ion: 75 Resp: 4105
Ion Ratio Lower Upper
75 100
53 75.5 61.4 92.2
89 56.4 35.4 53.0#



#82
4-Chlorotoluene
Concen: 4.776 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD079445.D
Acq: 29 Jul 2024 19:30

Tgt Ion: 91 Resp: 43321
Ion Ratio Lower Upper
91 100
126 36.9 18.9 56.9





#83

tert-Butylbenzene

Concen: 7.241 ug/l

RT: 13.163 min Scan# 1968

Delta R.T. 0.000 min

Lab File: VD079445.D

Acq: 29 Jul 2024 19:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

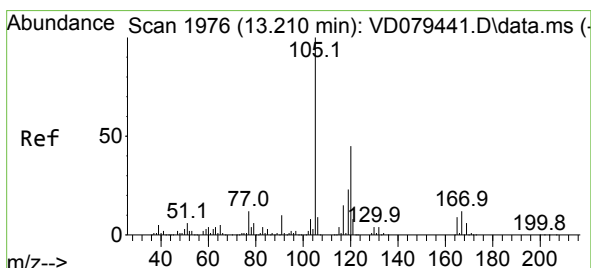
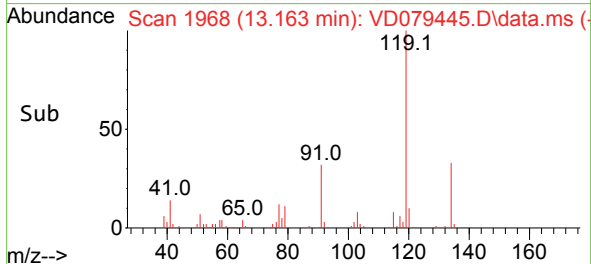
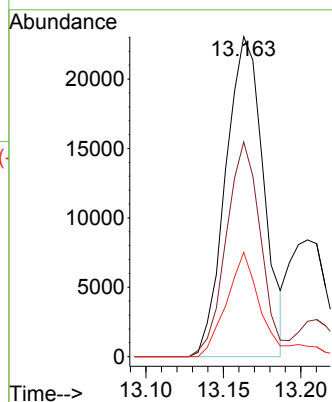
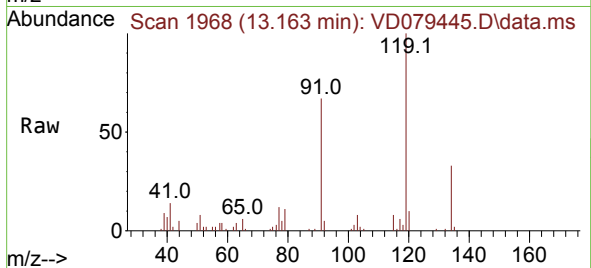
Tgt Ion:119 Resp: 39302

Ion Ratio Lower Upper

119 100

91 61.5 28.2 84.7

134 28.4 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 7.089 ug/l

RT: 13.204 min Scan# 1975

Delta R.T. -0.006 min

Lab File: VD079445.D

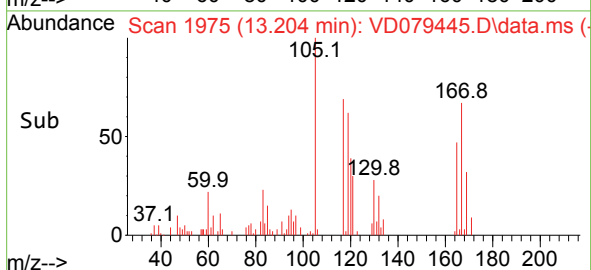
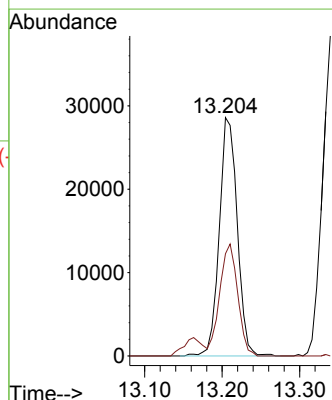
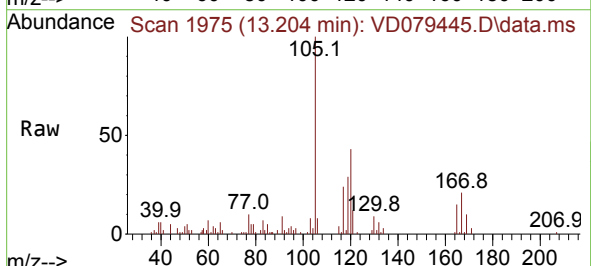
Acq: 29 Jul 2024 19:30

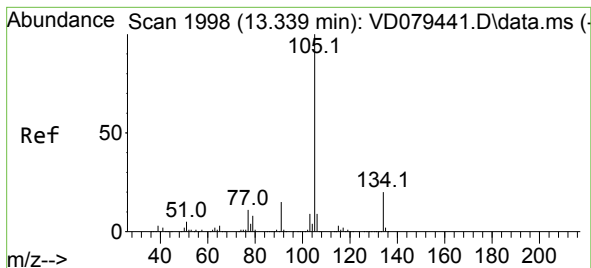
Tgt Ion:105 Resp: 46045

Ion Ratio Lower Upper

105 100

120 47.0 23.6 71.0





#85

sec-Butylbenzene

Concen: 4.416 ug/l

RT: 13.340 min Scan# 1998

Delta R.T. 0.001 min

Lab File: VD079445.D

Acq: 29 Jul 2024 19:30

Instrument :

MSVOA_D

ClientSampleId :

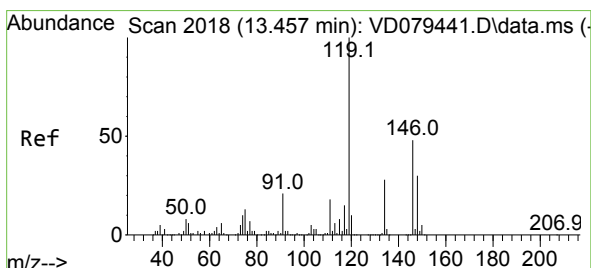
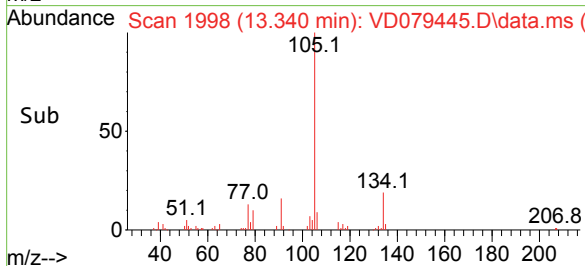
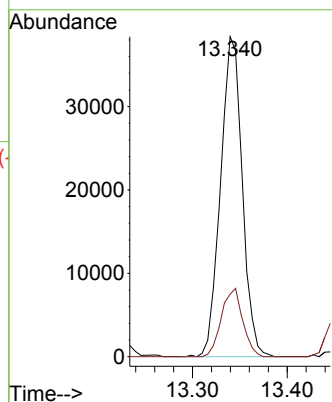
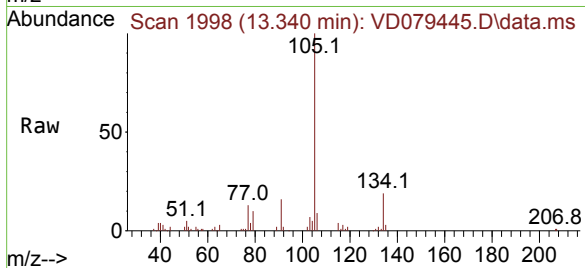
VSTDIC005

Tgt Ion:105 Resp: 61168

Ion Ratio Lower Upper

105 100

134 20.9 10.3 30.8



#86

p-Isopropyltoluene

Concen: 7.410 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD079445.D

Acq: 29 Jul 2024 19:30

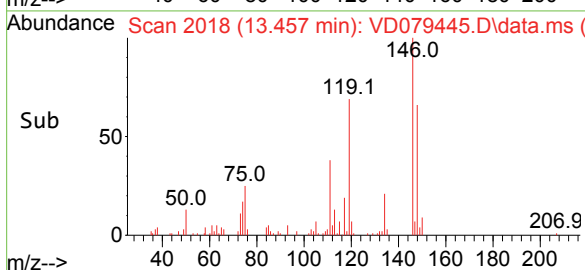
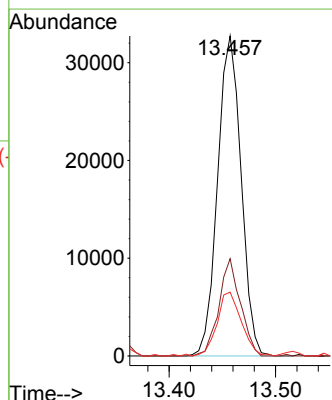
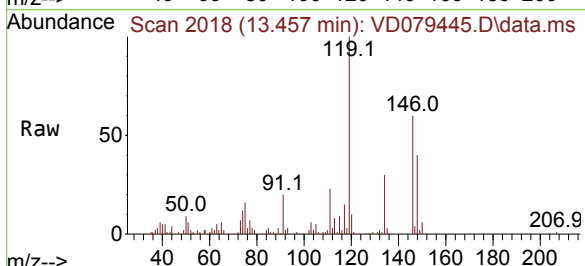
Tgt Ion:119 Resp: 50078

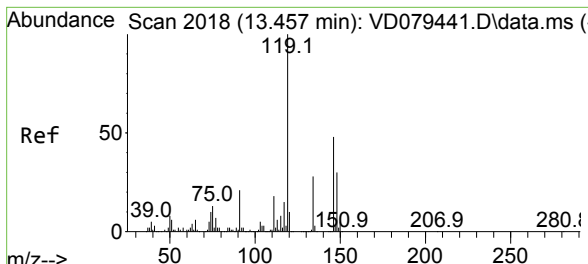
Ion Ratio Lower Upper

119 100

134 27.8 13.7 41.1

91 20.7 10.7 32.1

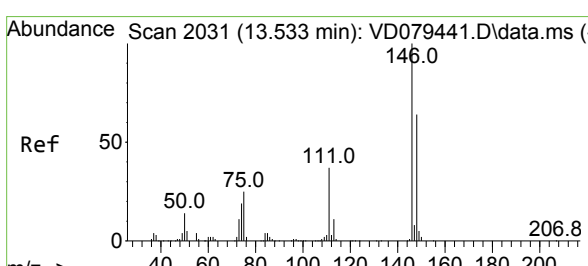
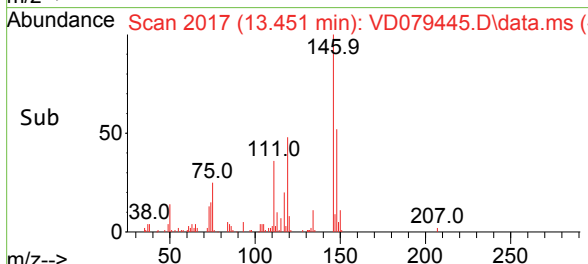
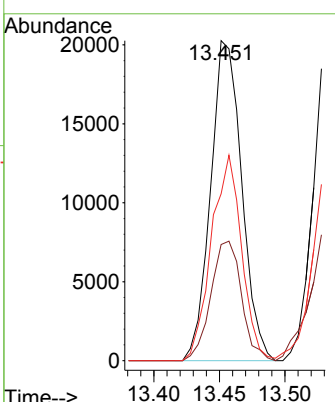
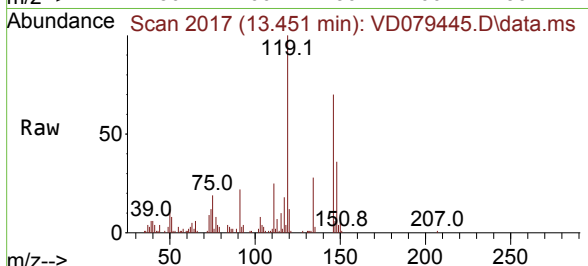




#87
 1,3-Dichlorobenzene
 Concen: 5.150 ug/l
 RT: 13.451 min Scan# 2017
 Delta R.T. -0.006 min
 Lab File: VD079445.D
 Acq: 29 Jul 2024 19:30

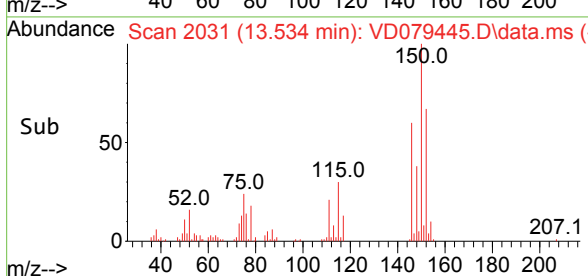
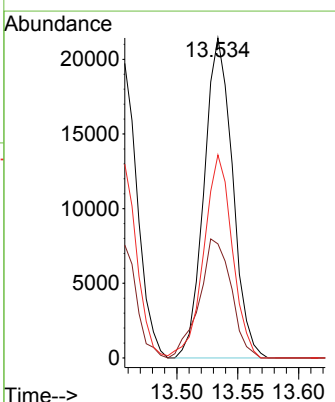
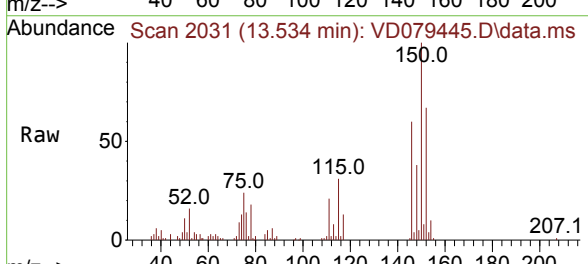
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

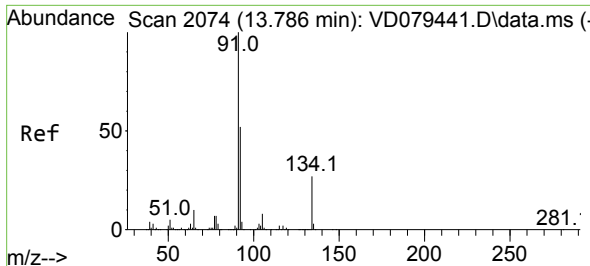
Tgt Ion:	146	Resp:	33440
Ion Ratio	Lower	Upper	
146	100		
111	36.8	18.5	55.5
148	62.4	30.9	92.8



#88
 1,4-Dichlorobenzene
 Concen: 5.455 ug/l
 RT: 13.534 min Scan# 2031
 Delta R.T. 0.001 min
 Lab File: VD079445.D
 Acq: 29 Jul 2024 19:30

Tgt Ion:	146	Resp:	34821
Ion Ratio	Lower	Upper	
146	100		
111	41.6	17.5	52.6
148	63.5	31.4	94.2

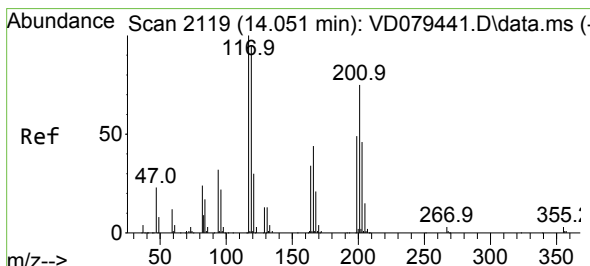
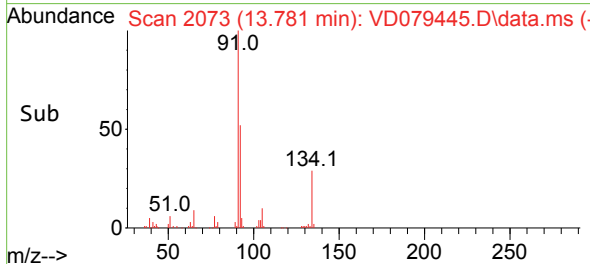
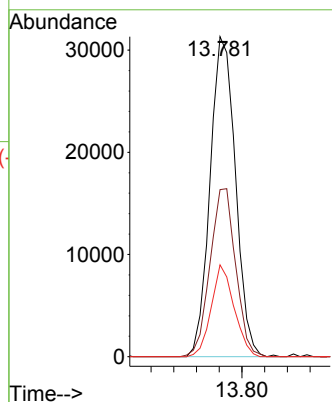
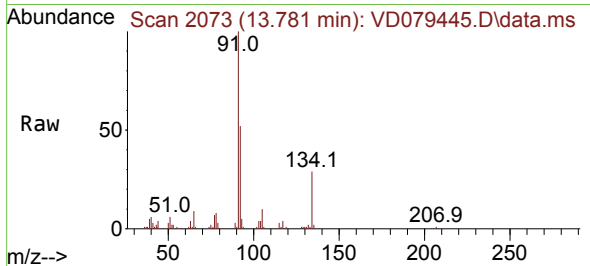




#89
n-Butylbenzene
Concen: 7.493 ug/l
RT: 13.781 min Scan# 2073
Delta R.T. -0.005 min
Lab File: VD079445.D
Acq: 29 Jul 2024 19:30

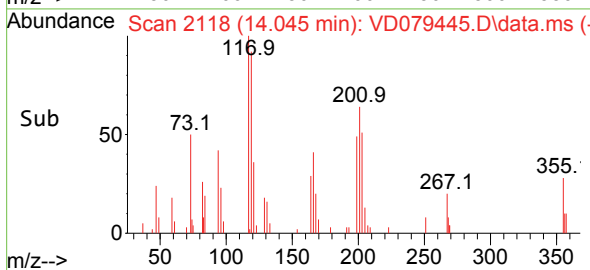
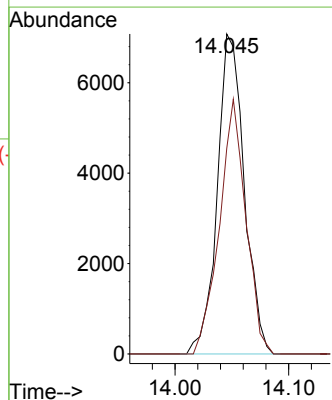
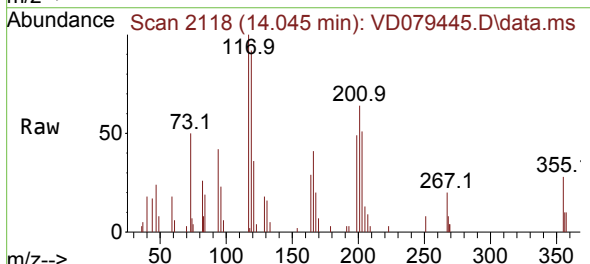
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

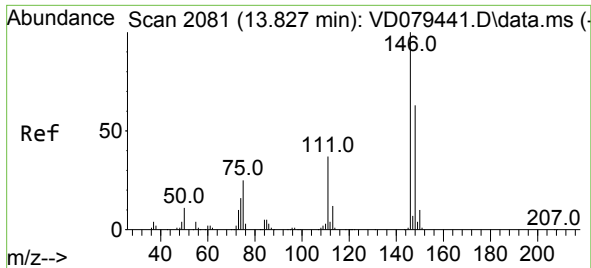
Tgt Ion: 91	Resp: 48592
Ion Ratio	Lower Upper
91 100	
92 53.1	25.7 77.0
134 25.9	13.6 40.8



#90
Hexachloroethane
Concen: 4.828 ug/l
RT: 14.045 min Scan# 2118
Delta R.T. -0.006 min
Lab File: VD079445.D
Acq: 29 Jul 2024 19:30

Tgt Ion: 117	Resp: 11697
Ion Ratio	Lower Upper
117 100	
201 78.0	36.3 108.9

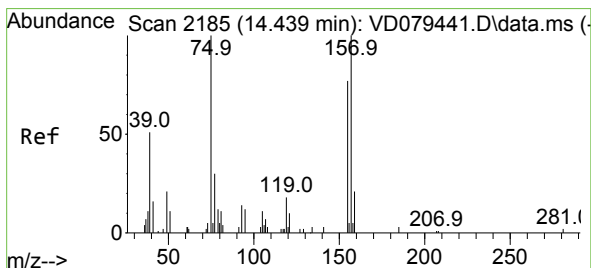
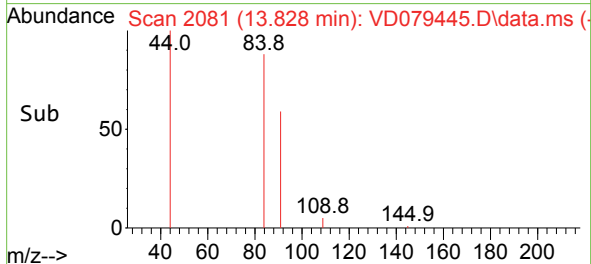
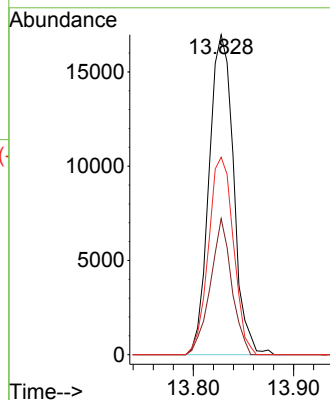
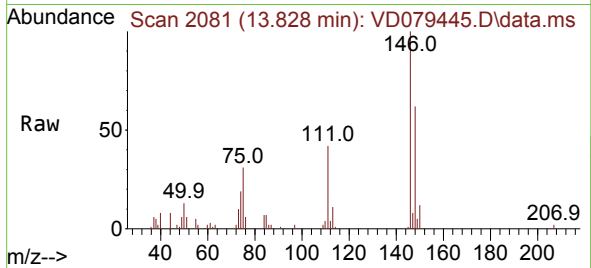




#91
1,2-Dichlorobenzene
Concen: 5.200 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. 0.001 min
Lab File: VD079445.D
Acq: 29 Jul 2024 19:30

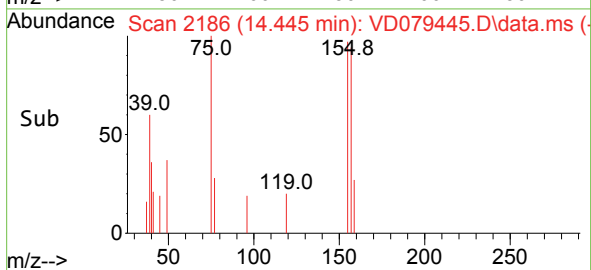
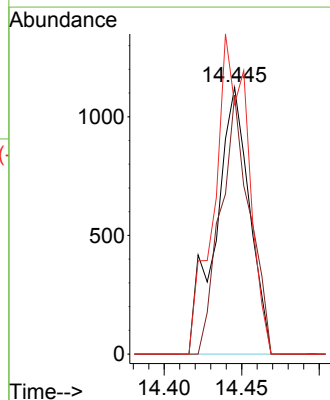
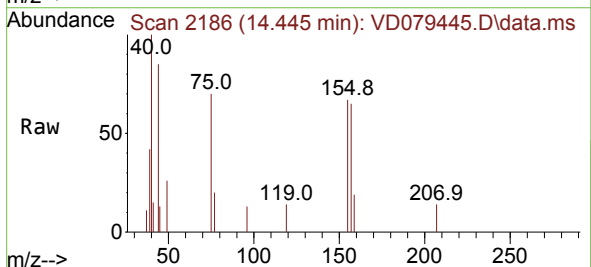
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

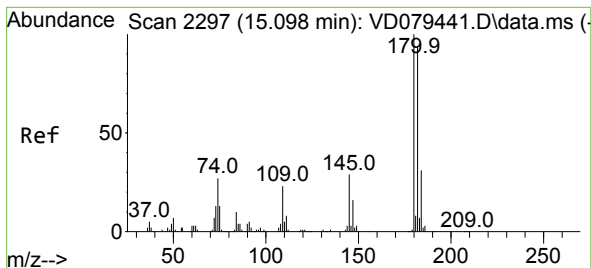
Tgt Ion:146 Resp: 28856
Ion Ratio Lower Upper
146 100
111 37.0 19.1 57.1
148 62.7 31.1 93.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 5.261 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.006 min
Lab File: VD079445.D
Acq: 29 Jul 2024 19:30

Tgt Ion: 75 Resp: 1700
Ion Ratio Lower Upper
75 100
155 84.6 47.7 143.1
157 120.4 63.4 190.2





#93

1,2,4-Trichlorobenzene

Concen: 5.319 ug/l

RT: 15.092 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD079445.D

Acq: 29 Jul 2024 19:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

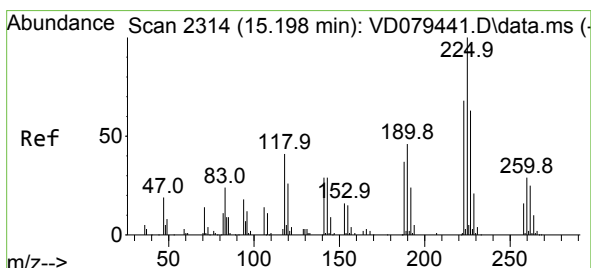
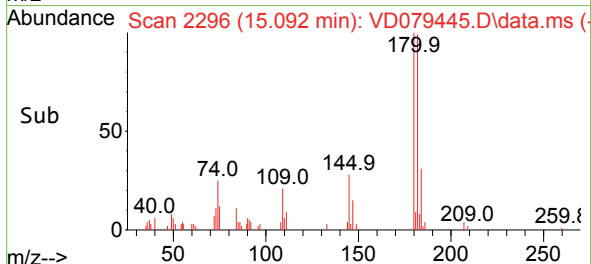
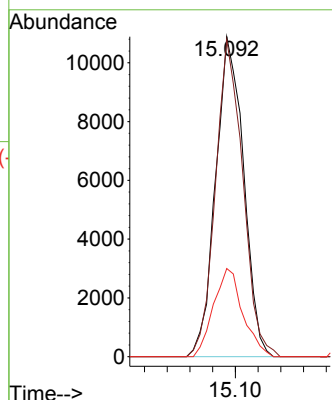
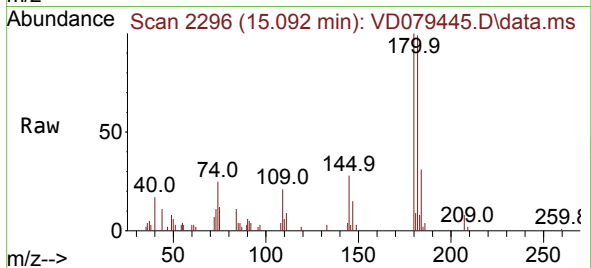
Tgt Ion:180 Resp: 18597

Ion Ratio Lower Upper

180 100

182 96.9 46.9 140.7

145 28.9 14.0 41.9



#94

Hexachlorobutadiene

Concen: 4.895 ug/l

RT: 15.198 min Scan# 2314

Delta R.T. 0.000 min

Lab File: VD079445.D

Acq: 29 Jul 2024 19:30

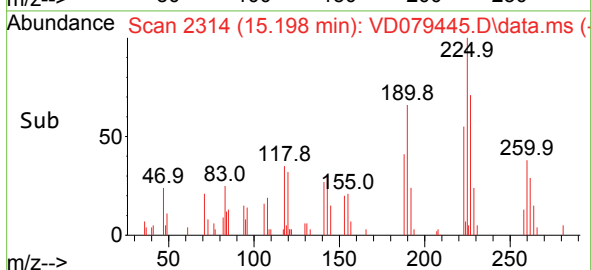
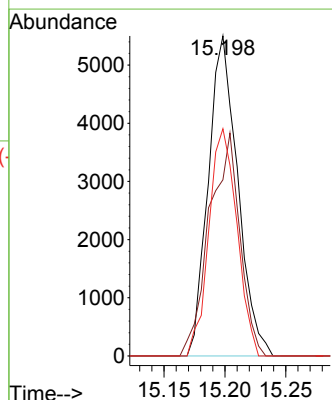
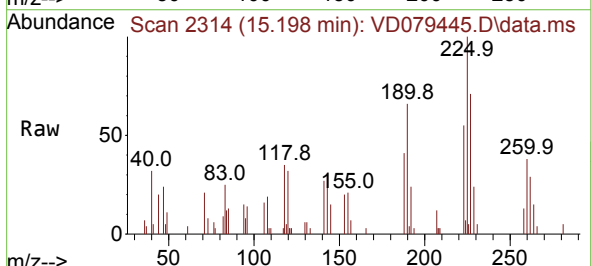
Tgt Ion:225 Resp: 9237

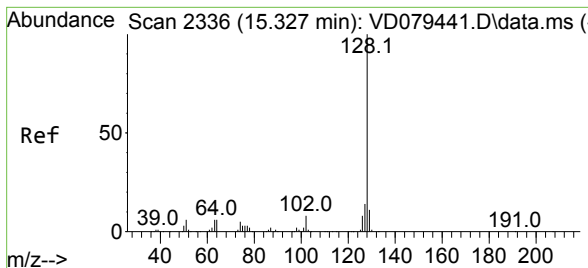
Ion Ratio Lower Upper

225 100

223 72.0 33.3 99.9

227 67.6 33.6 100.6





#95

Naphthalene

Concen: 5.564 ug/l

RT: 15.328 min Scan# 2336

Delta R.T. 0.000 min

Lab File: VD079445.D

Acq: 29 Jul 2024 19:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

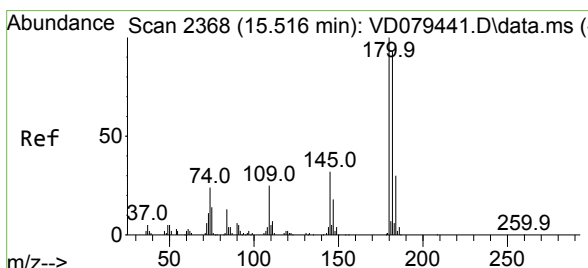
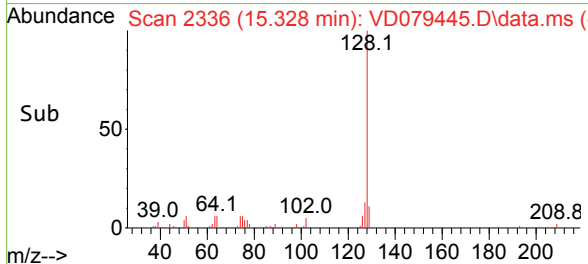
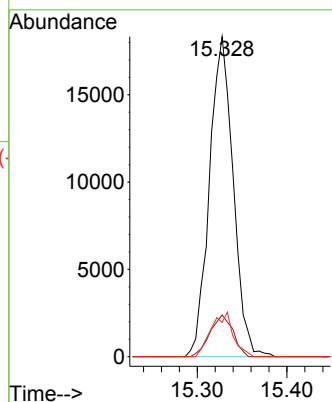
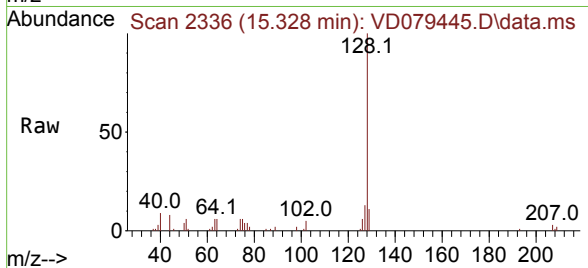
Tgt Ion:128 Resp: 33673

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

129 10.7 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 5.140 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. 0.006 min

Lab File: VD079445.D

Acq: 29 Jul 2024 19:30

Tgt Ion:180 Resp: 15809

Ion Ratio Lower Upper

180 100

182 94.5 47.8 143.3

145 32.3 16.1 48.2

