

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121422\
 Data File : VD075015.D
 Acq On : 14 Dec 2022 11:33
 Operator : KP/SY
 Sample : VSTDIC020
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Quant Time: Dec 15 03:03:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D121422S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 15 03:01:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	31704	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	48828	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	50909	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	24416	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	8988	39.615	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	79.220%
35) Dibromofluoromethane	7.804	113	8471	27.719	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	55.440%
50) Toluene-d8	10.269	98	24082	25.706	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	51.420%
62) 4-Bromofluorobenzene	12.581	95	7194	23.917	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	47.840%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	3049	16.342	ug/l	98
3) Chloromethane	2.146	50	9139	25.771	ug/l	99
4) Vinyl Chloride	2.275	62	7943	20.707	ug/l	95
5) Bromomethane	2.687	94	8918	32.029	ug/l	93
6) Chloroethane	2.828	64	7068	24.910	ug/l	91
7) Trichlorofluoromethane	3.169	101	7428	15.903	ug/l	97
8) Diethyl Ether	3.593	74	4736	33.921	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.963	101	4564	14.996	ug/l	95
10) Methyl Iodide	4.169	142	5000	21.064	ug/l #	91
11) Tert butyl alcohol	5.057	59	6214	361.802	ug/l #	87
12) 1,1-Dichloroethene	3.934	96	5837	20.021	ug/l	97
13) Acrolein	3.787	56	10100	323.336	ug/l	97
14) Allyl chloride	4.563	41	7377	22.140	ug/l	96
15) Acrylonitrile	5.252	53	19058	323.465	ug/l	97
16) Acetone	4.022	43	18098	307.375	ug/l	92
17) Carbon Disulfide	4.269	76	15882	23.904	ug/l #	93
18) Methyl Acetate	4.563	43	9989	61.530	ug/l	99
19) Methyl tert-butyl Ether	5.316	73	21434	34.563	ug/l	91
20) Methylene Chloride	4.799	84	10455	23.011	ug/l	96
21) trans-1,2-Dichloroethene	5.305	96	7271	22.873	ug/l	94
22) Diisopropyl ether	6.216	45	19091	25.042	ug/l	95
23) Vinyl Acetate	6.157	43	56151	175.537	ug/l	97
24) 1,1-Dichloroethane	6.116	63	12772	23.607	ug/l	98
25) 2-Butanone	7.081	43	22126	298.366	ug/l	95
26) 2,2-Dichloropropane	7.075	77	10180	20.021	ug/l	99
27) cis-1,2-Dichloroethene	7.087	96	9539	25.385	ug/l	95
28) Bromochloromethane	7.434	49	5349	30.918	ug/l #	98
29) Tetrahydrofuran	7.446	42	12534	315.771	ug/l	98
30) Chloroform	7.598	83	14460	24.508	ug/l	89
31) Cyclohexane	7.881	56	5695	14.041	ug/l	92
32) 1,1,1-Trichloroethane	7.793	97	10313	20.432	ug/l	97
36) 1,1-Dichloropropene	8.010	75	7374	18.364	ug/l	99
37) Ethyl Acetate	7.175	43	9285	59.088	ug/l #	97
38) Carbon Tetrachloride	7.993	117	5775	15.373	ug/l	100
39) Methylcyclohexane	9.275	83	5301	12.967	ug/l	98
40) Benzene	8.251	78	28820	23.896	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	3708	45.518	ug/l	91
42) 1,2-Dichloroethane	8.322	62	9798	33.858	ug/l	97
43) Isopropyl Acetate	8.363	43	13632	51.717	ug/l	93
44) Trichloroethene	9.028	130	6605	20.927	ug/l	87
45) 1,2-Dichloropropane	9.304	63	6942	25.389	ug/l	98
46) Dibromomethane	9.393	93	5350	36.015	ug/l	95
47) Bromodichloromethane	9.581	83	10056	26.667	ug/l #	88
48) Methyl methacrylate	9.381	41	4711	40.713	ug/l	97
49) 1,4-Dioxane	9.387	88	2066	1242.509	ug/l	98
51) 4-Methyl-2-Pentanone	10.157	43	34494	261.814	ug/l	99
52) Toluene	10.334	92	15600	21.892	ug/l	96
53) t-1,3-Dichloropropene	10.557	75	10063	28.954	ug/l #	85
54) cis-1,3-Dichloropropene	10.022	75	10248	24.305	ug/l #	91
55) 1,1,2-Trichloroethane	10.740	97	7556	34.834	ug/l	89
56) Ethyl methacrylate	10.598	69	8748	36.736	ug/l	96
57) 1,3-Dichloropropane	10.881	76	11987	34.112	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	16259	168.019	ug/l	97
59) 2-Hexanone	10.922	43	25095	261.545	ug/l	98
60) Dibromochloromethane	11.075	129	7806	30.809	ug/l	95
61) 1,2-Dibromoethane	11.181	107	7496	38.283	ug/l	98
64) Tetrachloroethene	10.810	164	5484	18.528	ug/l	96
65) Chlorobenzene	11.610	112	18227	19.498	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.681	131	6918	21.053	ug/l	96
67) Ethyl Benzene	11.687	91	25968	16.078	ug/l	96
68) m/p-Xylenes	11.792	106	21153	33.377	ug/l	99
69) o-Xylene	12.122	106	10856	18.083	ug/l	99
70) Styrene	12.139	104	18264	17.701	ug/l	98
71) Bromoform	12.298	173	5715	33.836	ug/l #	94
73) Isopropylbenzene	12.422	105	25606	15.858	ug/l	99
74) N-amyl acetate	12.234	43	9406	33.333	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.675	83	11206	38.607	ug/l	97
76) 1,2,3-Trichloropropane	12.728	75	12483	58.885	ug/l #	100
77) Bromobenzene	12.698	156	7588	20.654	ug/l	87
78) n-propylbenzene	12.763	91	30321	15.337	ug/l	99
79) 2-Chlorotoluene	12.851	91	19568	18.169	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	21914	16.418	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	3078	36.893	ug/l	95
82) 4-Chlorotoluene	12.951	91	19537	17.495	ug/l	98
83) tert-Butylbenzene	13.169	119	17596	15.310	ug/l	98
84) 1,2,4-Trimethylbenzene	13.216	105	21803	16.474	ug/l	95
85) sec-Butylbenzene	13.345	105	26453	14.787	ug/l	99
86) p-Isopropyltoluene	13.463	119	21933	14.714	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	14693	18.923	ug/l	96
88) 1,4-Dichlorobenzene	13.539	146	15704	20.492	ug/l	98
89) n-Butylbenzene	13.786	91	20527	14.730	ug/l	100
90) Hexachloroethane	14.057	117	4291	16.200	ug/l	97
91) 1,2-Dichlorobenzene	13.833	146	14267	21.526	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	2066	53.739	ug/l	81
93) 1,2,4-Trichlorobenzene	15.104	180	8480	20.759	ug/l	99
94) Hexachlorobutadiene	15.198	225	3477	16.529	ug/l	95
95) Naphthalene	15.333	128	24608	31.850	ug/l	98
96) 1,2,3-Trichlorobenzene	15.528	180	8055	23.249	ug/l	98

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Quant Title : SW846 8260
QLast Update : Thu Dec 15 03:01:37 2022
Response via : Initial Calibration

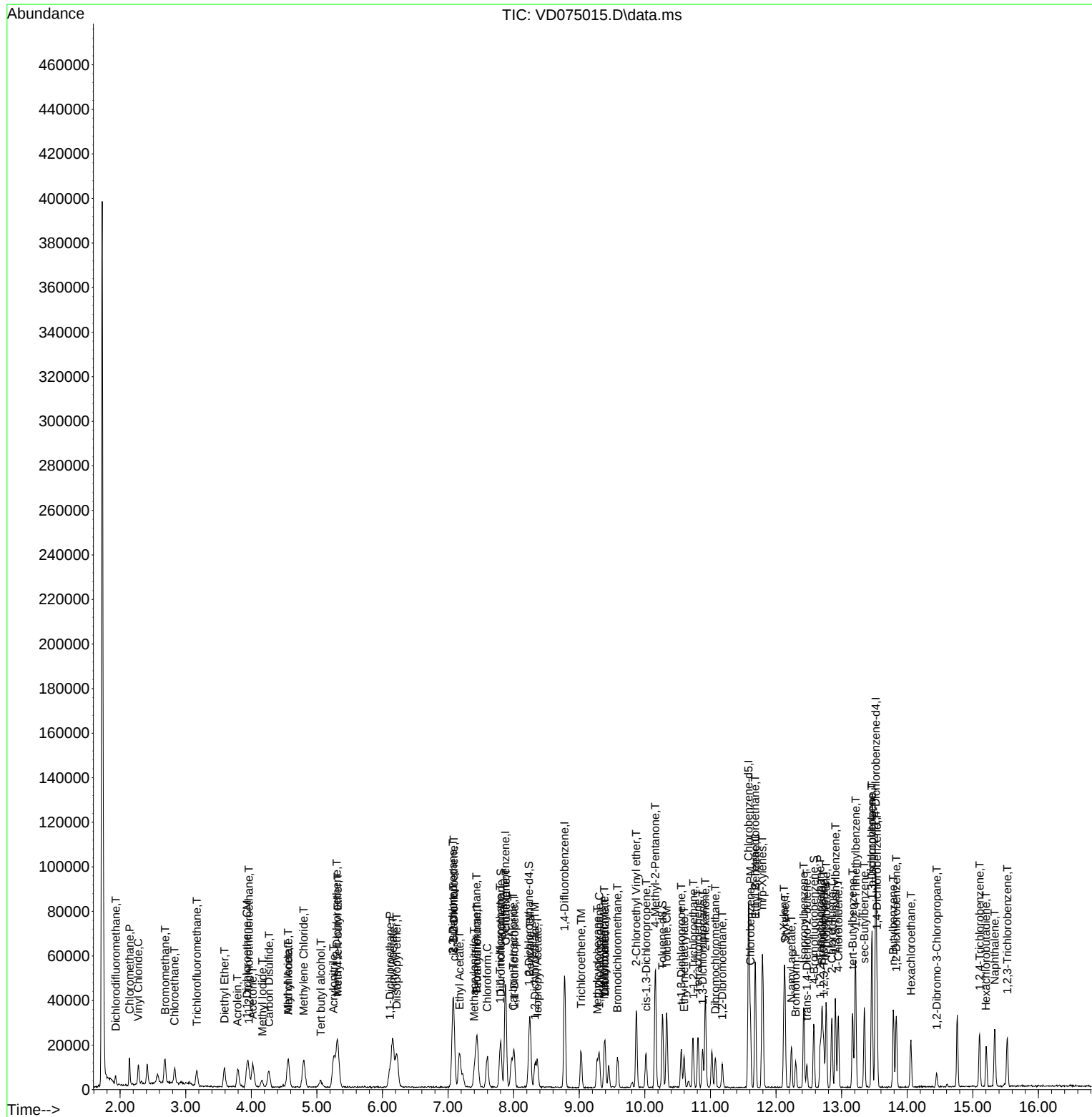
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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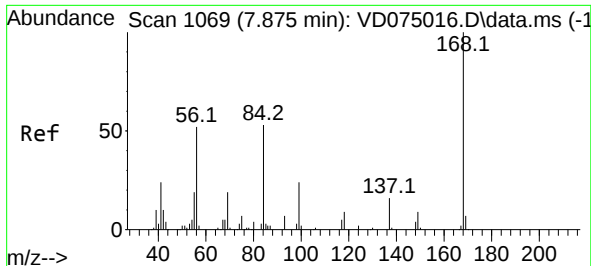
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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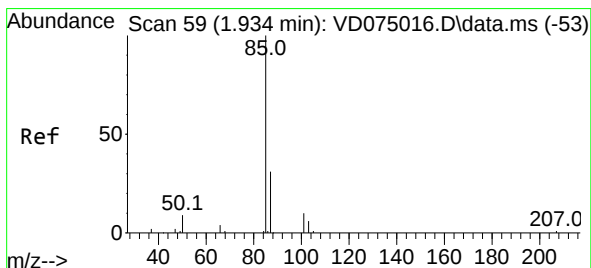
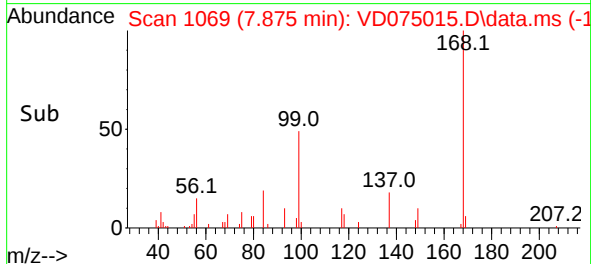
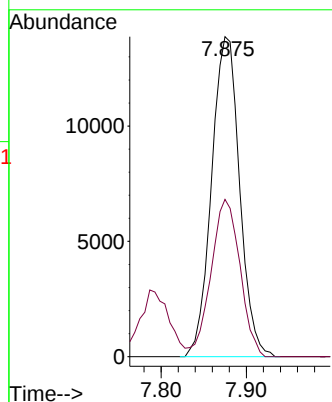
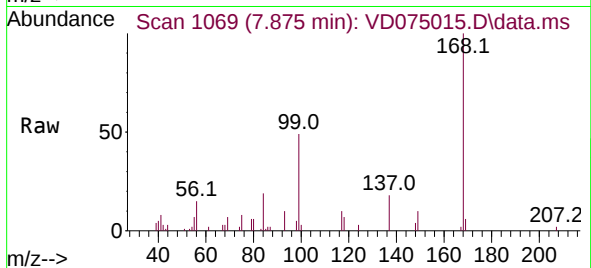




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
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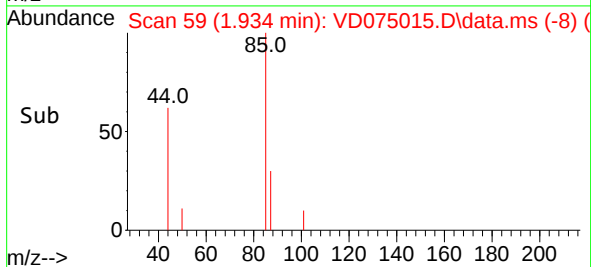
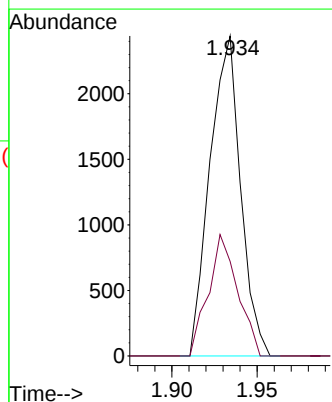
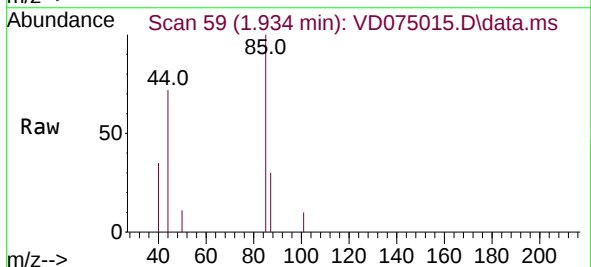
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

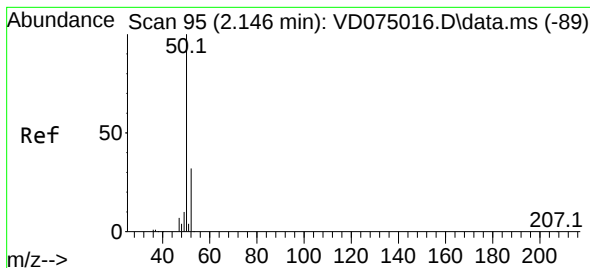
Tgt Ion:168 Resp: 31704
Ion Ratio Lower Upper
168 100
99 49.2 41.0 61.4



#2
Dichlorodifluoromethane
Concen: 16.342 ug/l
RT: 1.934 min Scan# 59
Delta R.T. -0.000 min
Lab File: VD075015.D
Acq: 14 Dec 2022 11:33

Tgt Ion: 85 Resp: 3049
Ion Ratio Lower Upper
85 100
87 29.6 15.4 46.1





#3

Chloromethane

Concen: 25.771 ug/l

RT: 2.146 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD075015.D

Acq: 14 Dec 2022 11:33

Instrument :

MSVOA_D

ClientSampleId :

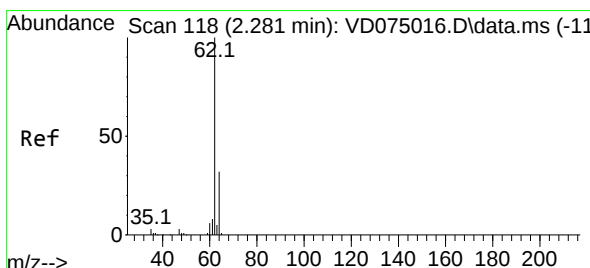
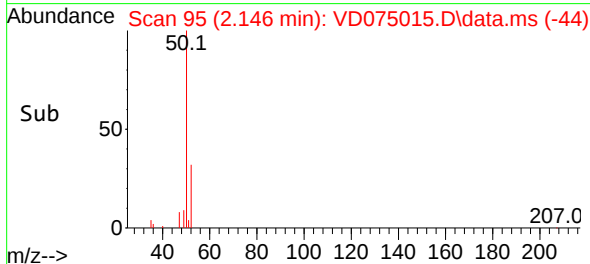
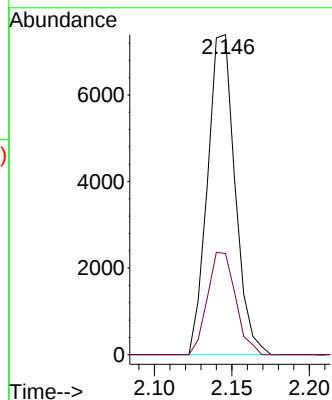
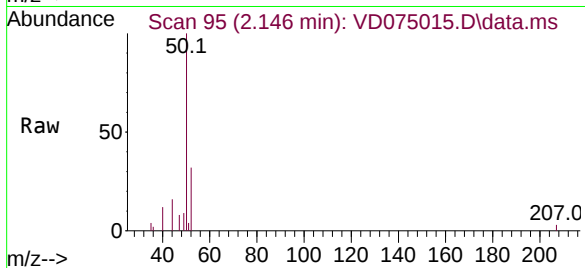
VSTDIC020

Tgt Ion: 50 Resp: 9139

Ion Ratio Lower Upper

50 100

52 31.6 25.8 38.8



#4

Vinyl Chloride

Concen: 20.707 ug/l

RT: 2.275 min Scan# 117

Delta R.T. -0.006 min

Lab File: VD075015.D

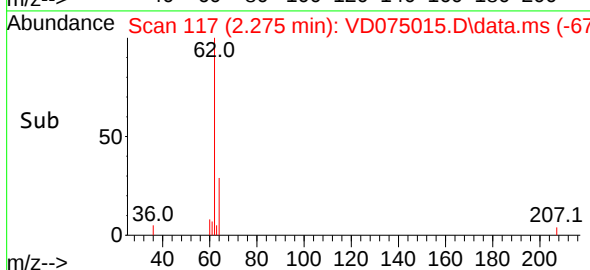
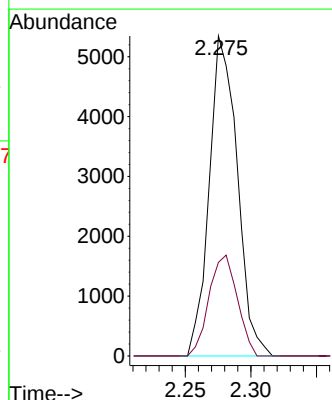
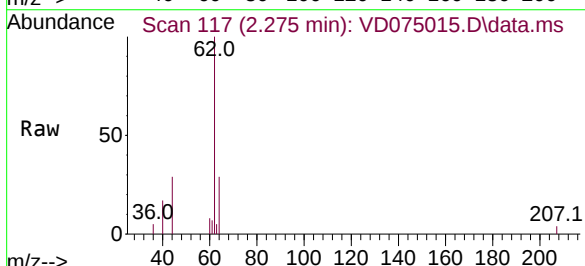
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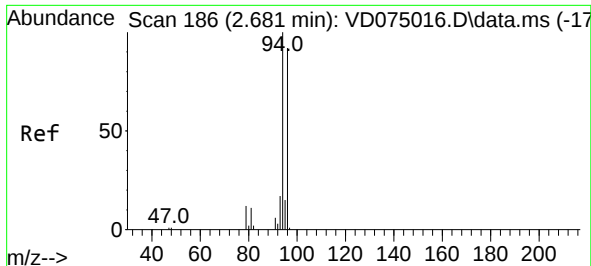
Tgt Ion: 62 Resp: 7943

Ion Ratio Lower Upper

62 100

64 29.3 25.7 38.5

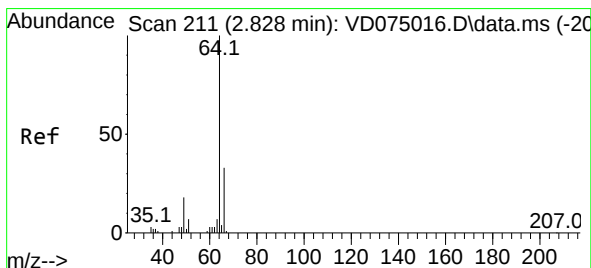
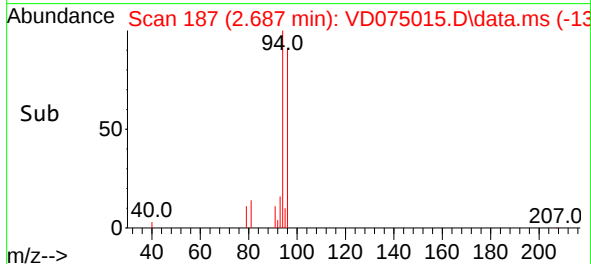
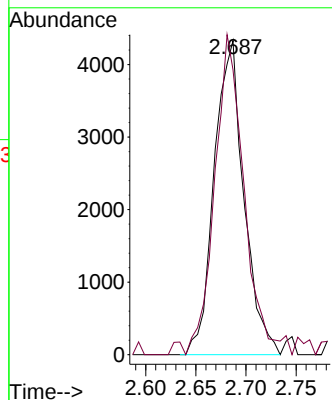
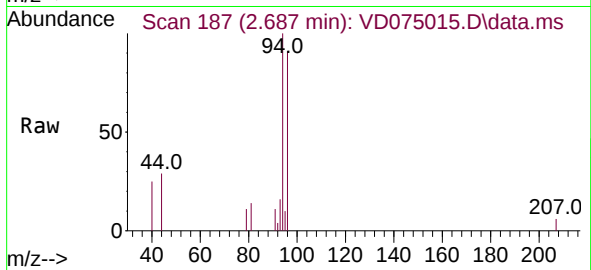




#5
Bromomethane
Concen: 32.029 ug/l
RT: 2.687 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD075015.D
Acq: 14 Dec 2022 11:33

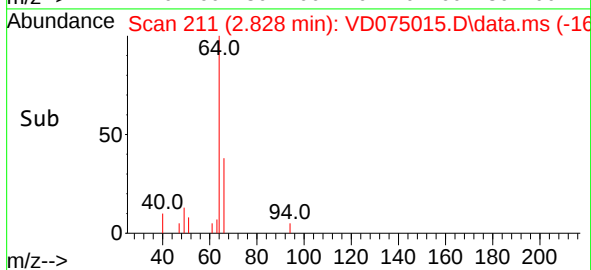
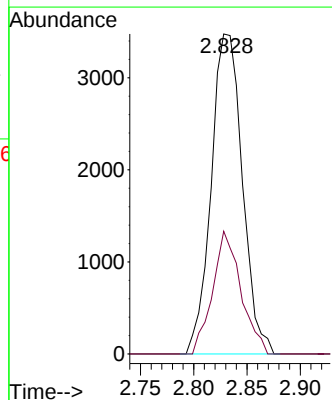
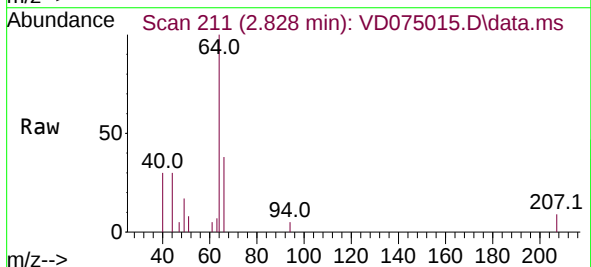
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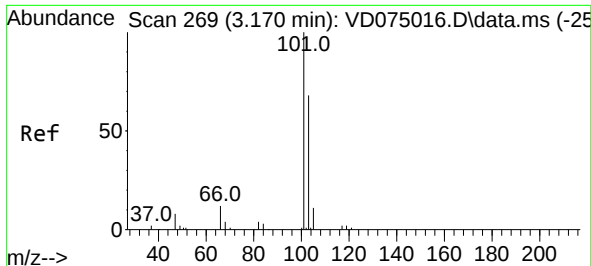
Tgt Ion: 94 Resp: 8918
Ion Ratio Lower Upper
94 100
96 102.4 76.2 114.2



#6
Chloroethane
Concen: 24.910 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.000 min
Lab File: VD075015.D
Acq: 14 Dec 2022 11:33

Tgt Ion: 64 Resp: 7068
Ion Ratio Lower Upper
64 100
66 38.4 26.6 40.0

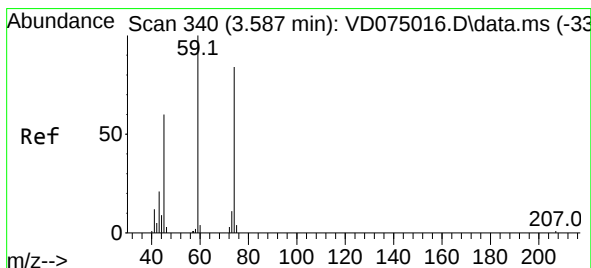
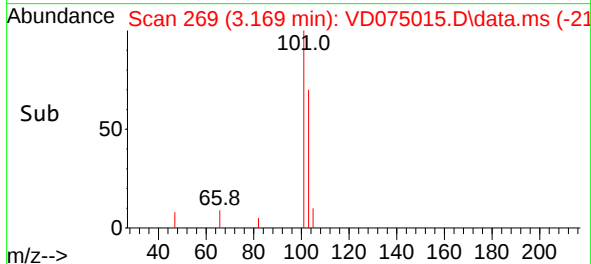
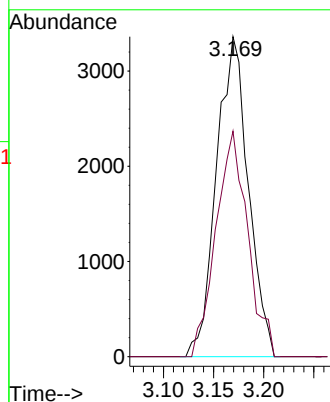
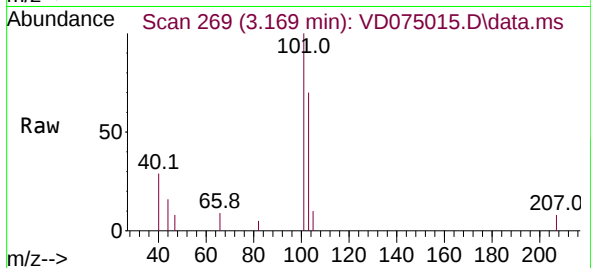




#7
Trichlorofluoromethane
Concen: 15.903 ug/l
RT: 3.169 min Scan# 207
Delta R.T. -0.000 min
Lab File: VD075015.D
Acq: 14 Dec 2022 11:33

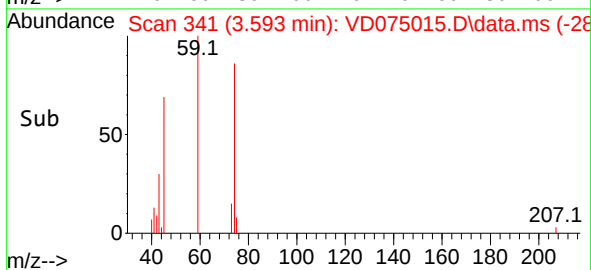
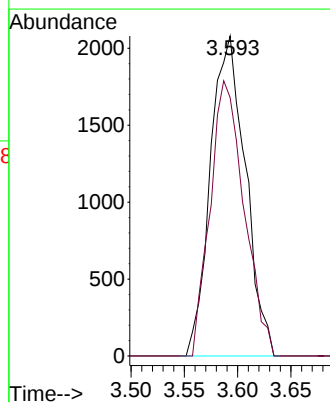
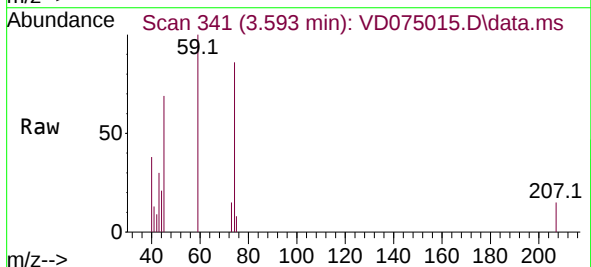
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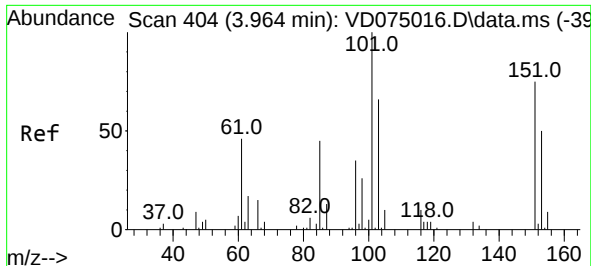
Tgt Ion:101 Resp: 7428
Ion Ratio Lower Upper
101 100
103 70.5 54.5 81.7



#8
Diethyl Ether
Concen: 33.921 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.006 min
Lab File: VD075015.D
Acq: 14 Dec 2022 11:33

Tgt Ion: 74 Resp: 4736
Ion Ratio Lower Upper
74 100
45 83.8 39.8 119.4

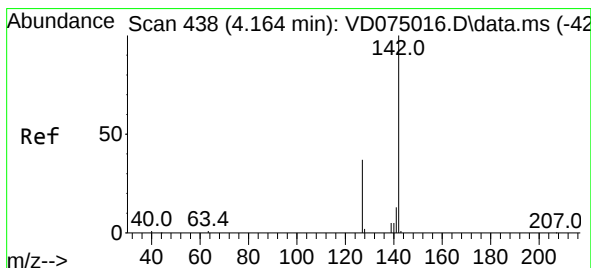
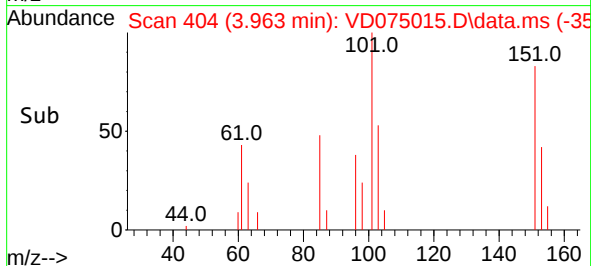
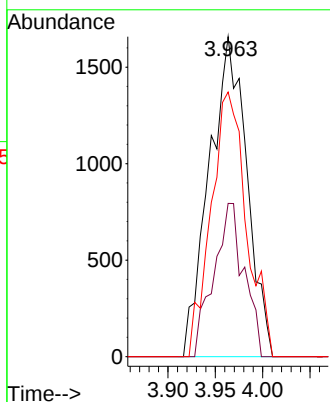
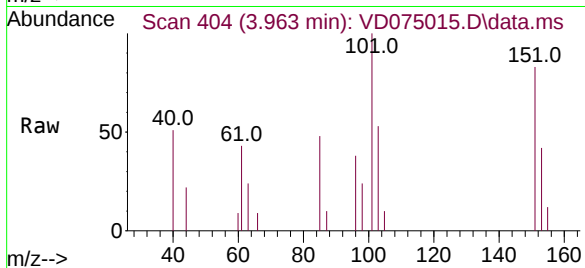




#9
1,1,2-Trichlorotrifluoroethane
Concen: 14.996 ug/l
RT: 3.963 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD075015.D
Acq: 14 Dec 2022 11:33

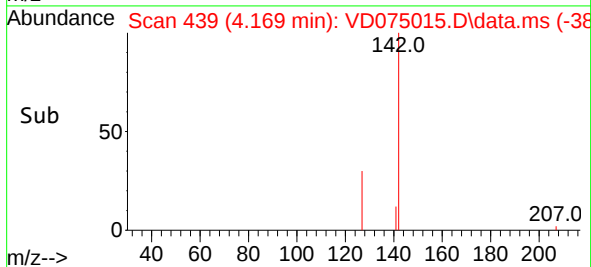
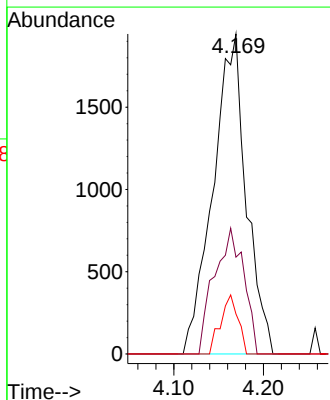
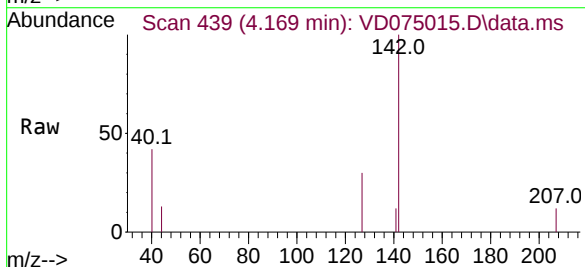
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

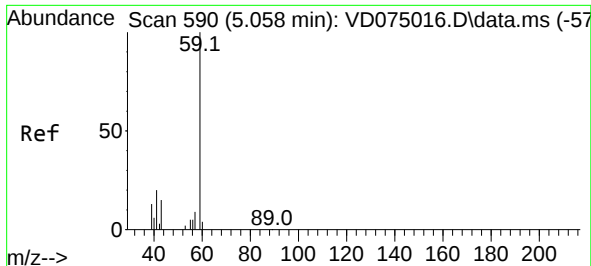
Tgt Ion:101	Resp:	4564
Ion	Ratio	Lower Upper
101	100	
85	38.7	33.6 50.4
151	78.2	59.4 89.2



#10
Methyl Iodide
Concen: 21.064 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.006 min
Lab File: VD075015.D
Acq: 14 Dec 2022 11:33

Tgt Ion:142	Resp:	5000
Ion	Ratio	Lower Upper
142	100	
127	34.8	32.2 48.2
141	9.7	10.9 16.3

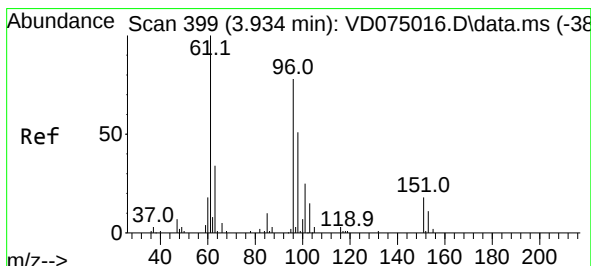
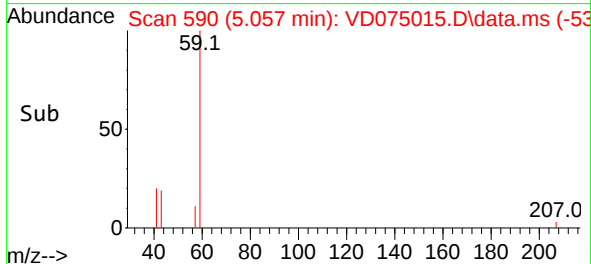
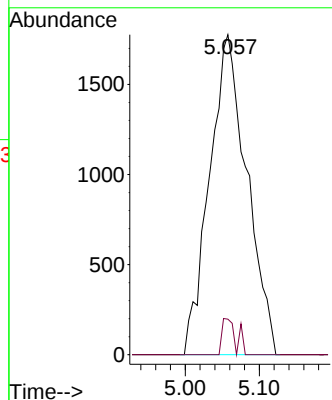
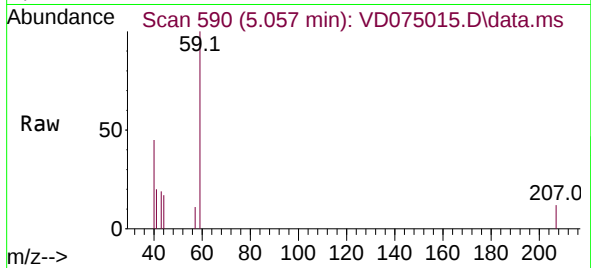




#11
Tert butyl alcohol
Concen: 361.802 ug/l
RT: 5.057 min Scan# 590
Delta R.T. -0.000 min
Lab File: VD075015.D
Acq: 14 Dec 2022 11:33

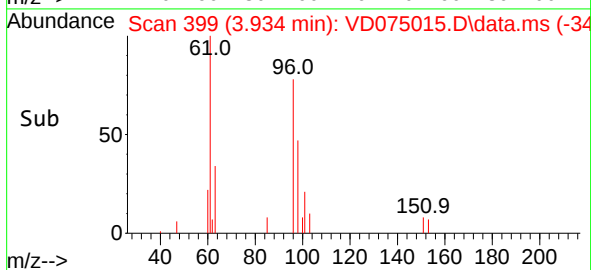
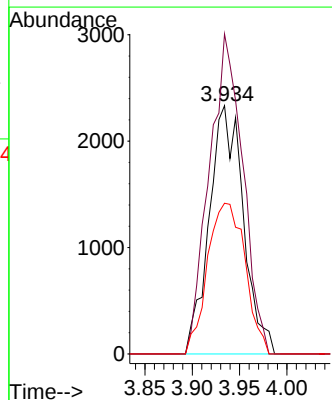
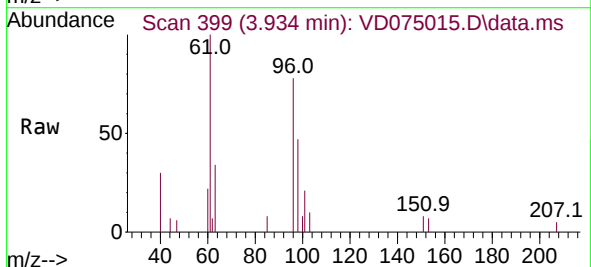
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

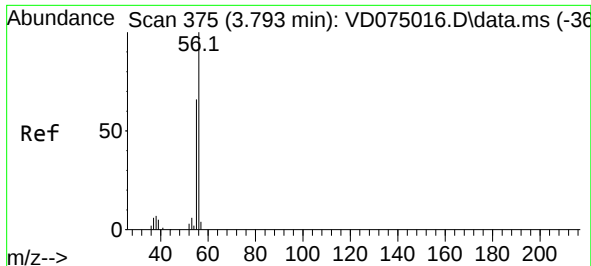
Tgt Ion: 59 Resp: 6214
Ion Ratio Lower Upper
59 100
57 4.2 7.0 10.6#



#12
1,1-Dichloroethene
Concen: 20.021 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.000 min
Lab File: VD075015.D
Acq: 14 Dec 2022 11:33

Tgt Ion: 96 Resp: 5837
Ion Ratio Lower Upper
96 100
61 128.9 102.1 153.1
98 60.7 52.2 78.4





#13

Acrolein

Concen: 323.336 ug/l

RT: 3.787 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD075015.D

Acq: 14 Dec 2022 11:33

Instrument :

MSVOA_D

ClientSampleId :

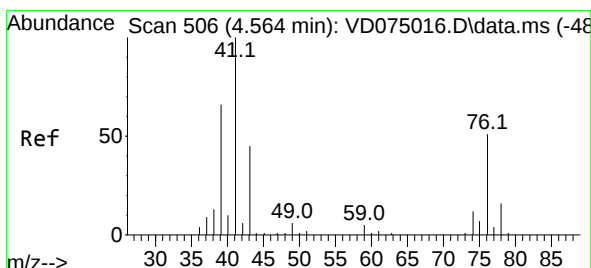
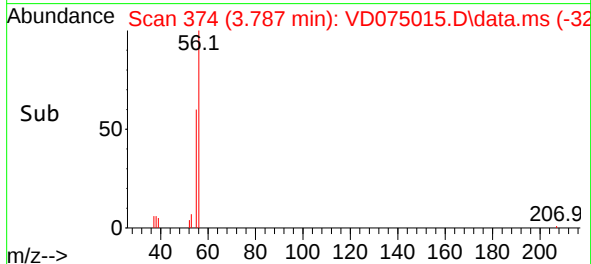
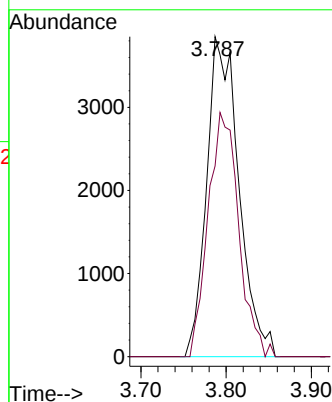
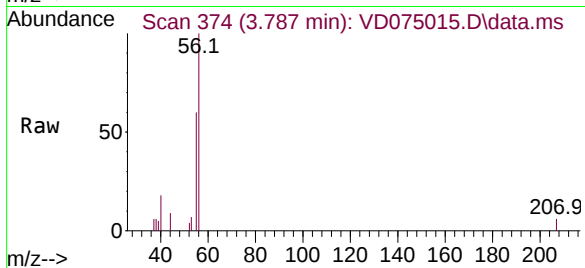
VSTDICC020

Tgt Ion: 56 Resp: 10100

Ion Ratio Lower Upper

56 100

55 72.4 55.9 83.9



#14

Allyl chloride

Concen: 22.140 ug/l

RT: 4.563 min Scan# 506

Delta R.T. -0.000 min

Lab File: VD075015.D

Acq: 14 Dec 2022 11:33

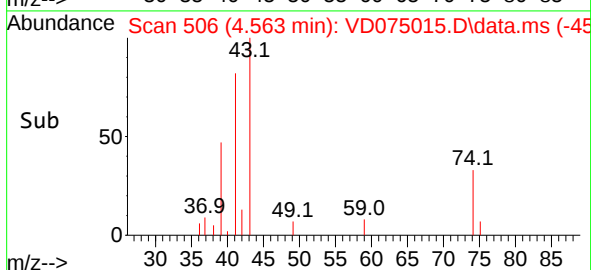
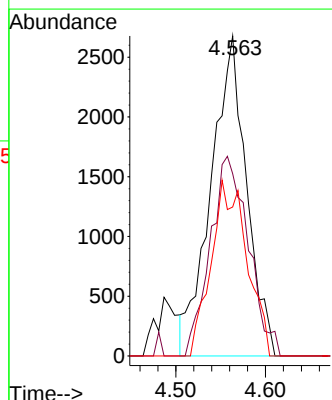
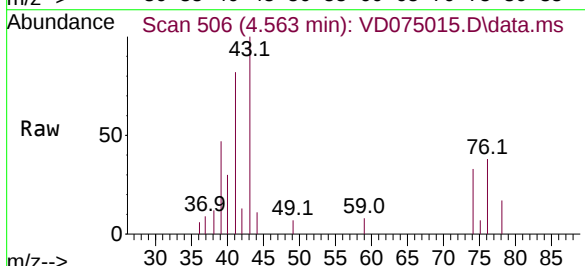
Tgt Ion: 41 Resp: 7377

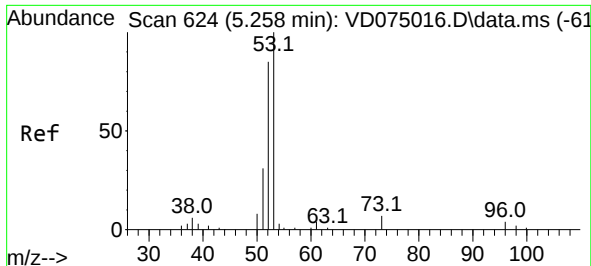
Ion Ratio Lower Upper

41 100

39 67.0 51.7 77.5

76 55.0 40.7 61.1

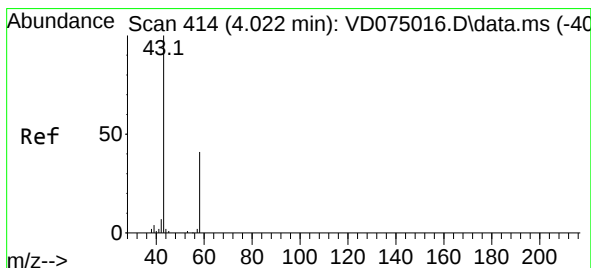
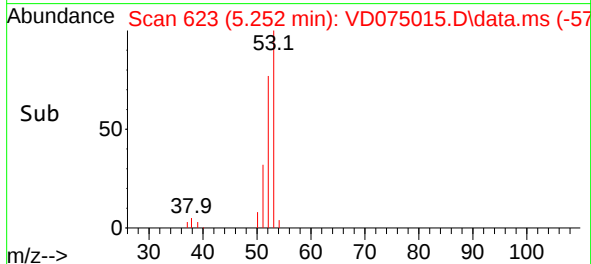
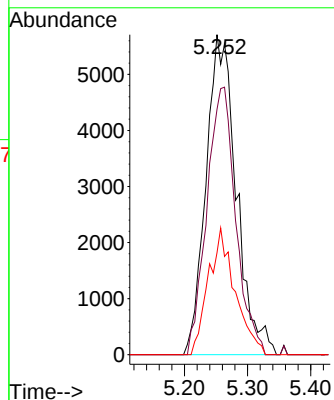
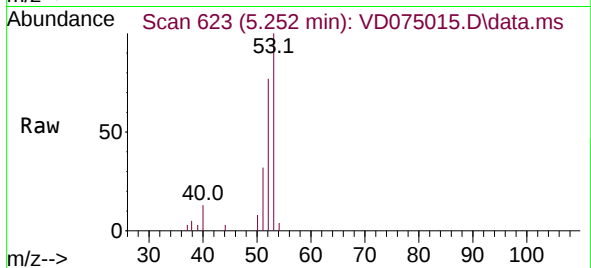




#15
Acrylonitrile
Concen: 323.465 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD075015.D
Acq: 14 Dec 2022 11:33

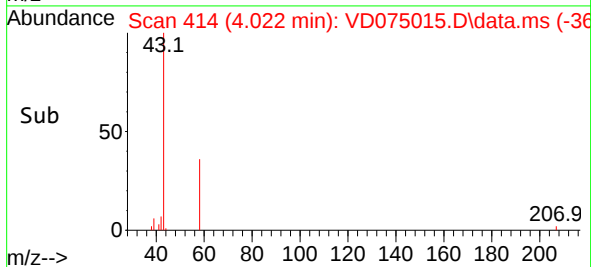
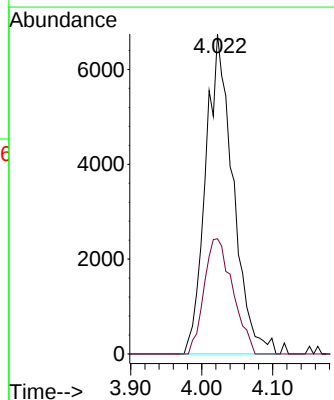
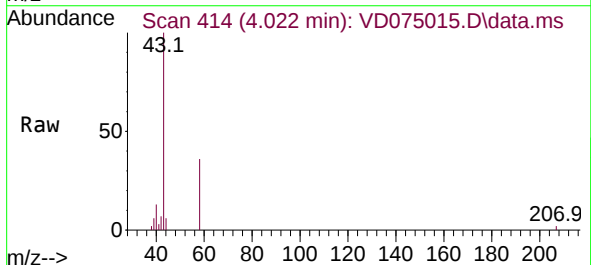
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

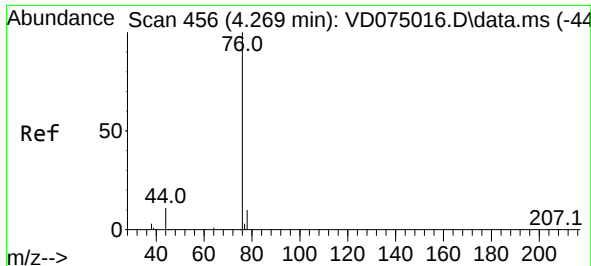
Tgt Ion: 53	Resp:	19058
Ion	Ratio	Lower Upper
53	100	
52	79.6	66.1 99.1
51	34.8	28.4 42.6



#16
Acetone
Concen: 307.375 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD075015.D
Acq: 14 Dec 2022 11:33

Tgt Ion: 43	Resp:	18098
Ion	Ratio	Lower Upper
43	100	
58	36.0	33.0 49.6

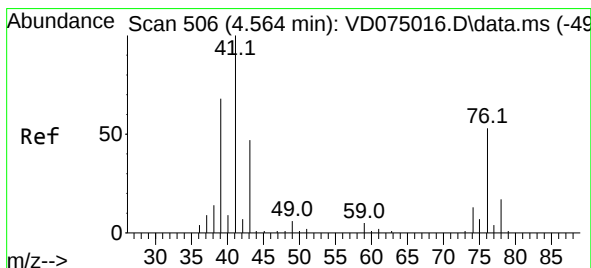
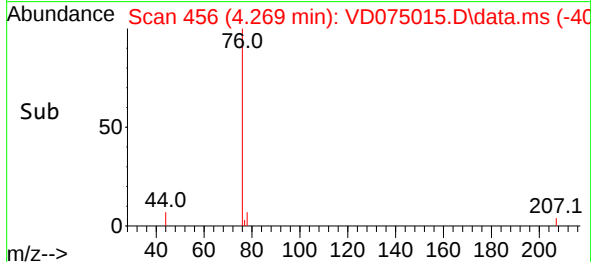
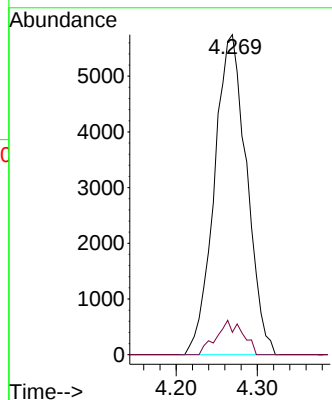
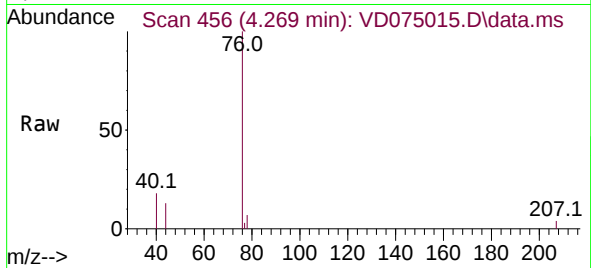




#17
Carbon Disulfide
Concen: 23.904 ug/l
RT: 4.269 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD075015.D
Acq: 14 Dec 2022 11:33

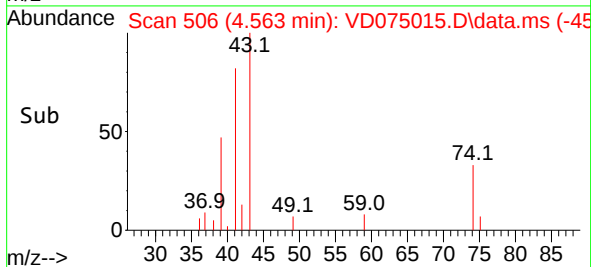
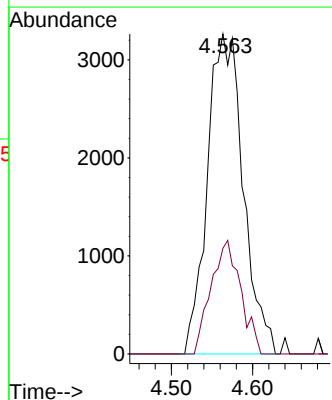
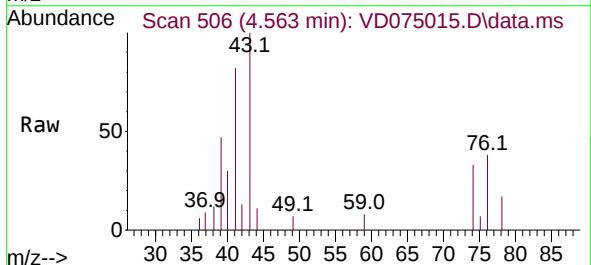
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

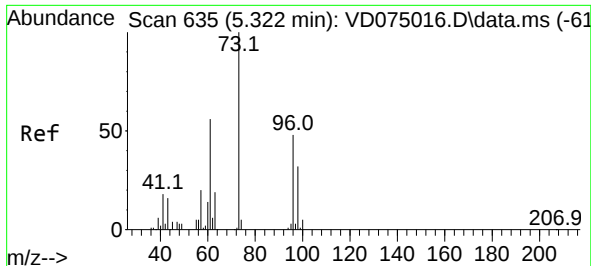
Tgt Ion: 76 Resp: 15882
Ion Ratio Lower Upper
76 100
78 7.0 7.7 11.5#



#18
Methyl Acetate
Concen: 61.530 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD075015.D
Acq: 14 Dec 2022 11:33

Tgt Ion: 43 Resp: 9989
Ion Ratio Lower Upper
43 100
74 29.5 23.9 35.9





#19

Methyl tert-butyl Ether

Concen: 34.563 ug/l

RT: 5.316 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD075015.D

Acq: 14 Dec 2022 11:33

Instrument :

MSVOA_D

ClientSampleId :

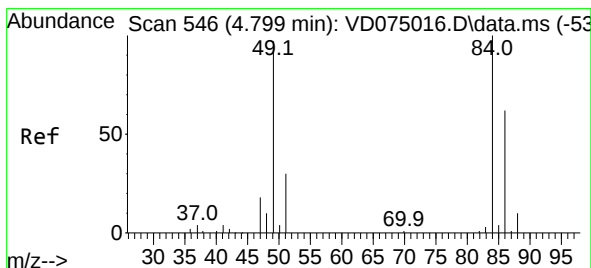
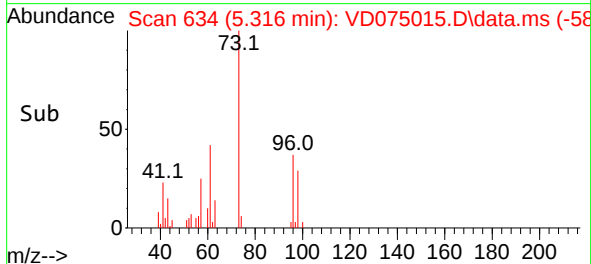
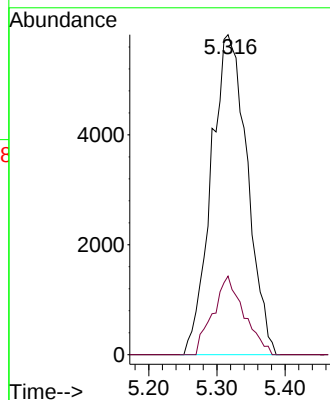
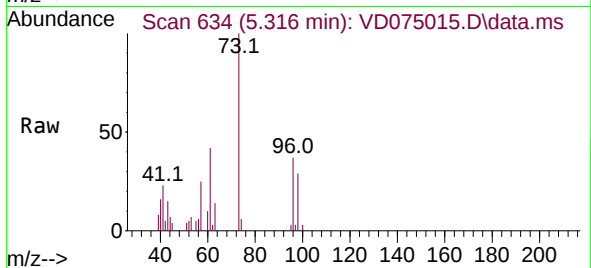
VSTDIC020

Tgt Ion: 73 Resp: 21434

Ion Ratio Lower Upper

73 100

57 24.5 16.4 24.6



#20

Methylene Chloride

Concen: 23.011 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.000 min

Lab File: VD075015.D

Acq: 14 Dec 2022 11:33

Tgt Ion: 84 Resp: 10455

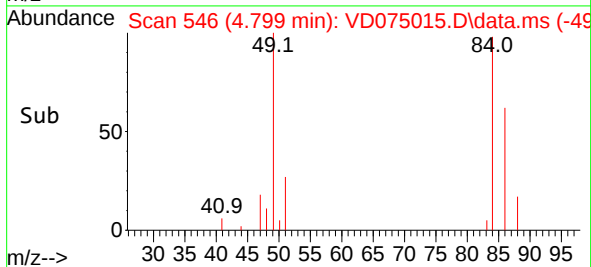
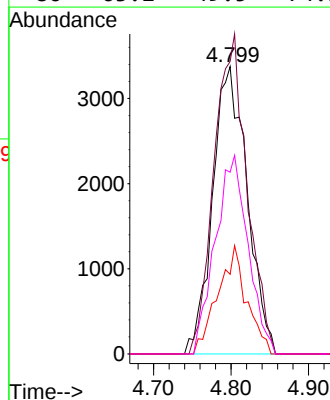
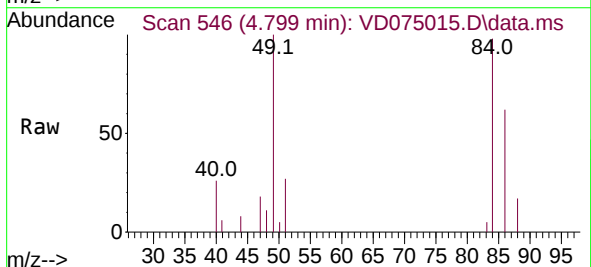
Ion Ratio Lower Upper

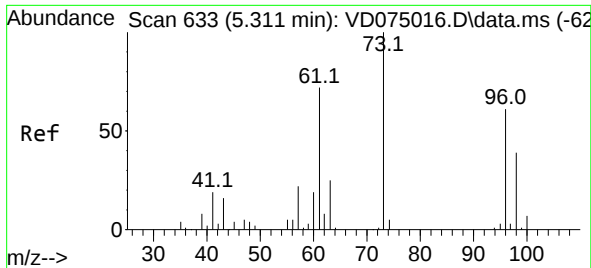
84 100

49 101.8 77.3 115.9

51 27.7 23.8 35.8

86 63.2 49.5 74.3

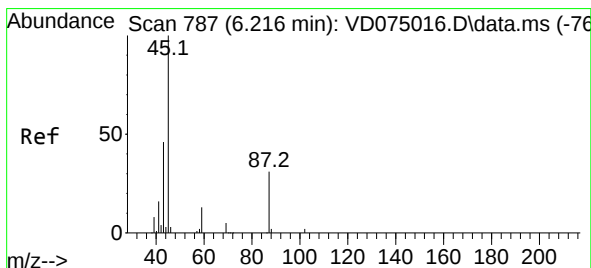
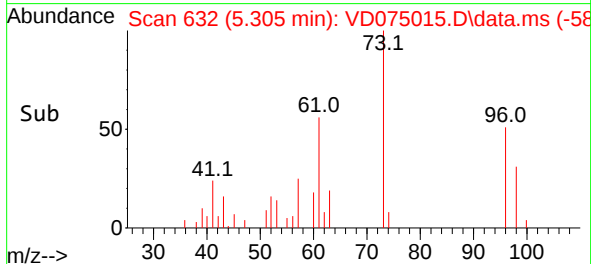
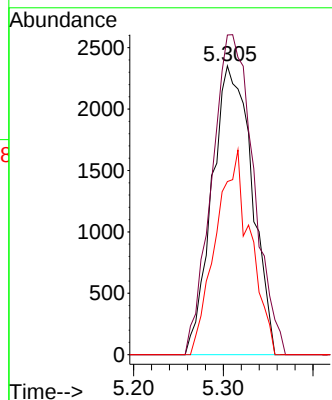
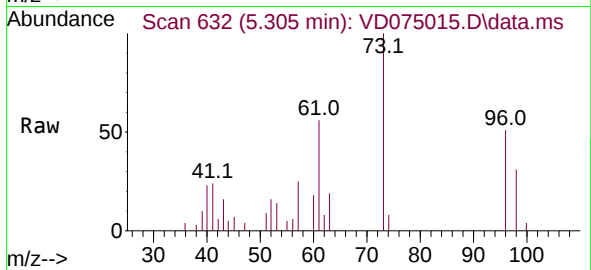




#21
trans-1,2-Dichloroethene
Concen: 22.873 ug/l
RT: 5.305 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD075015.D
Acq: 14 Dec 2022 11:33

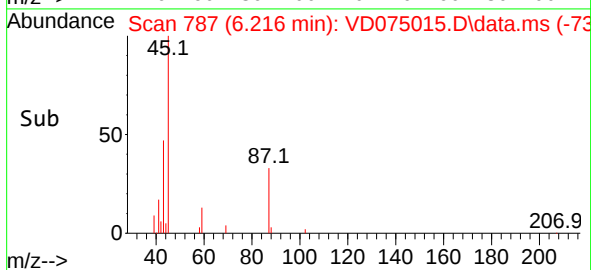
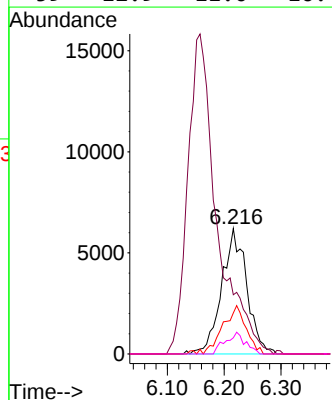
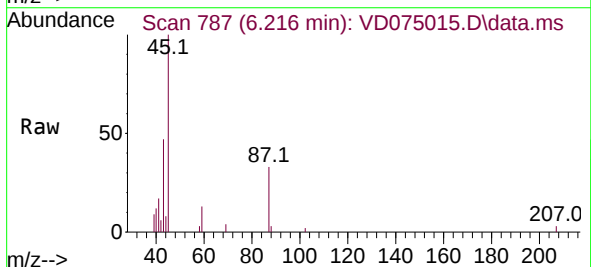
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

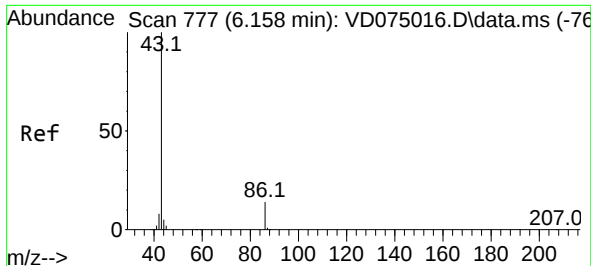
Tgt Ion: 96 Resp: 7271
Ion Ratio Lower Upper
96 100
61 110.7 94.6 142.0
98 59.9 51.0 76.6



#22
Diisopropyl ether
Concen: 25.042 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.000 min
Lab File: VD075015.D
Acq: 14 Dec 2022 11:33

Tgt Ion: 45 Resp: 19091
Ion Ratio Lower Upper
45 100
43 44.6 40.0 60.0
87 32.7 25.8 38.8
59 12.9 11.0 16.4

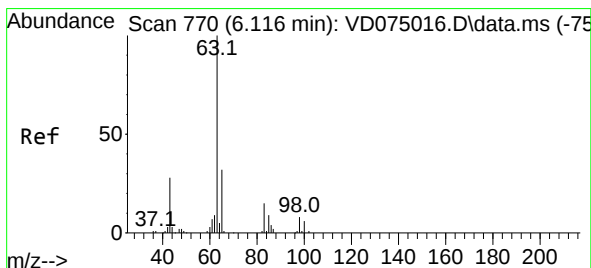
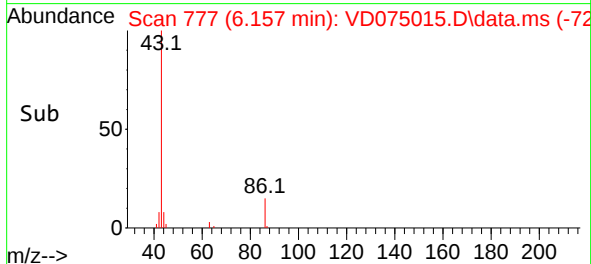
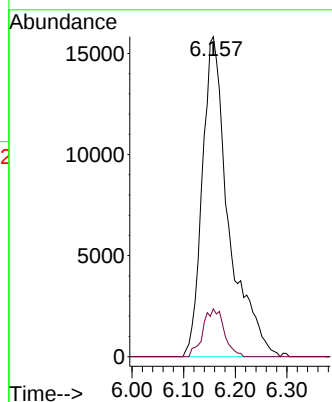
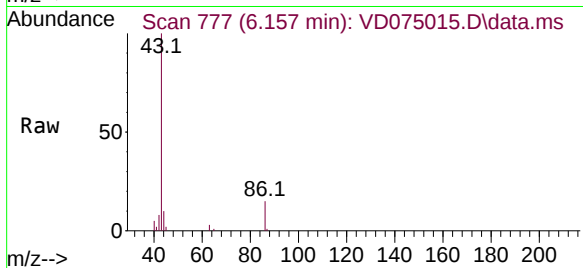




#23
 Vinyl Acetate
 Concen: 175.537 ug/l
 RT: 6.157 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VD075015.D
 Acq: 14 Dec 2022 11:33

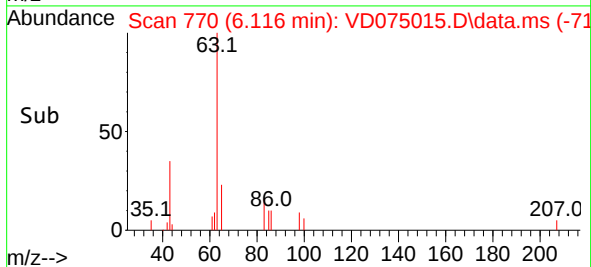
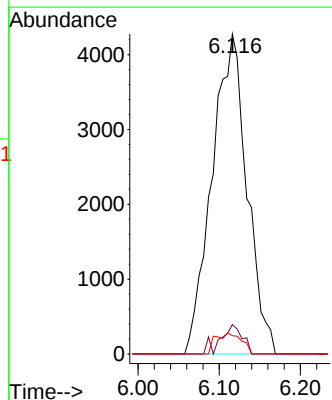
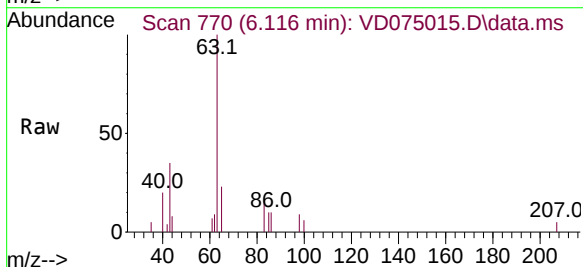
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

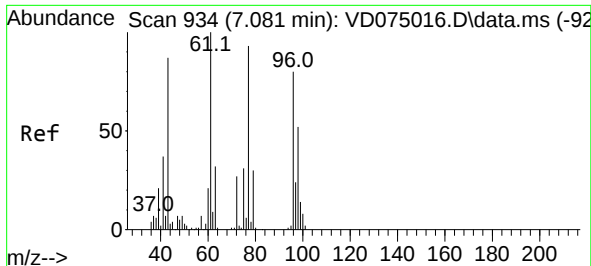
Tgt Ion: 43 Resp: 56151
 Ion Ratio Lower Upper
 43 100
 86 15.0 10.9 16.3



#24
 1,1-Dichloroethane
 Concen: 23.607 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. -0.000 min
 Lab File: VD075015.D
 Acq: 14 Dec 2022 11:33

Tgt Ion: 63 Resp: 12772
 Ion Ratio Lower Upper
 63 100
 98 9.2 4.2 12.4
 100 5.7 3.1 9.3

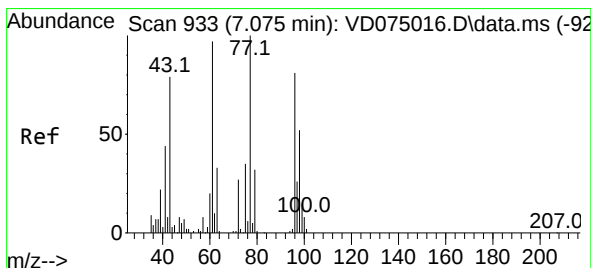
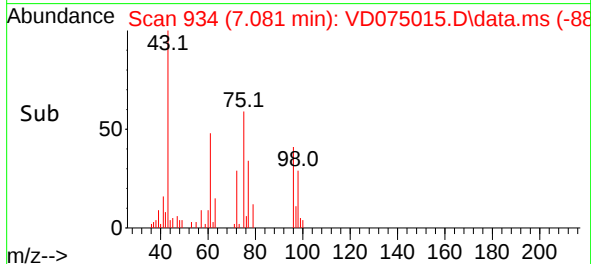
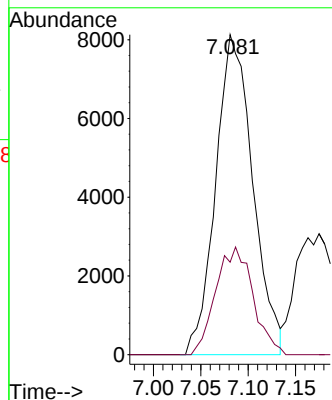
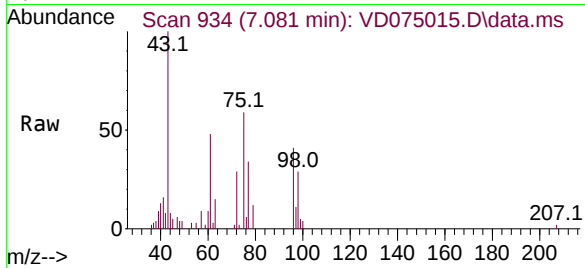




#25
2-Butanone
Concen: 298.366 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075015.D
Acq: 14 Dec 2022 11:33

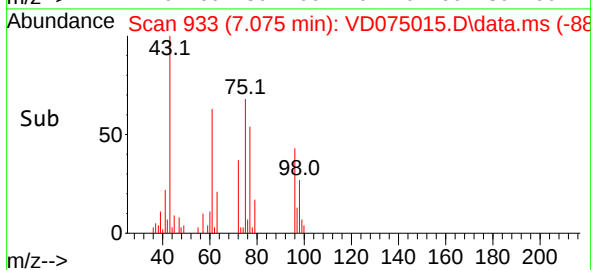
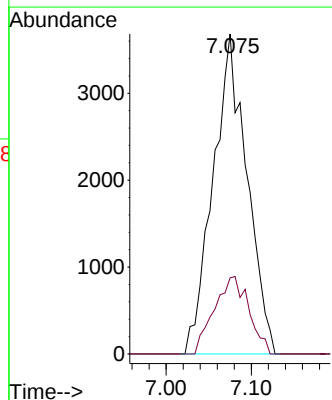
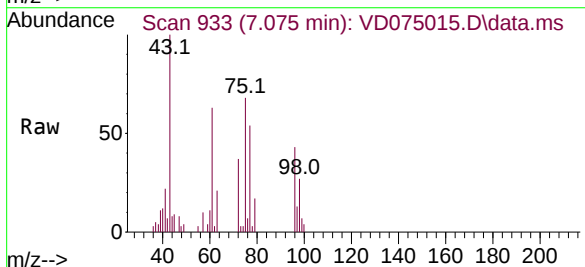
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

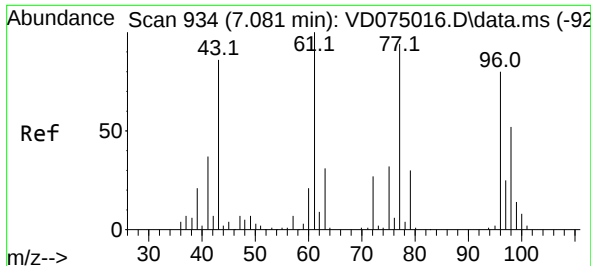
Tgt Ion: 43 Resp: 22126
Ion Ratio Lower Upper
43 100
72 28.9 25.2 37.8



#26
2,2-Dichloropropane
Concen: 20.021 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.000 min
Lab File: VD075015.D
Acq: 14 Dec 2022 11:33

Tgt Ion: 77 Resp: 10180
Ion Ratio Lower Upper
77 100
97 24.6 12.4 37.4





#27

cis-1,2-Dichloroethene

Concen: 25.385 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD075015.D

Acq: 14 Dec 2022 11:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

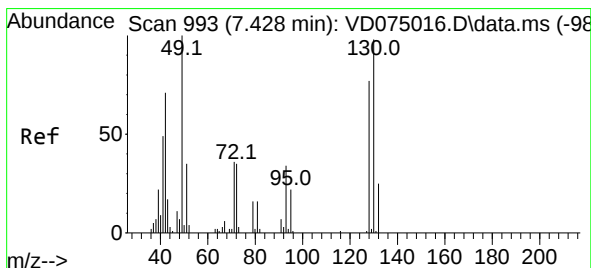
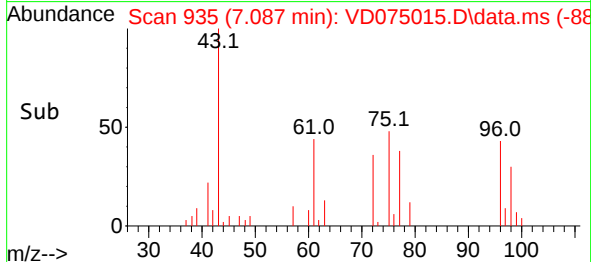
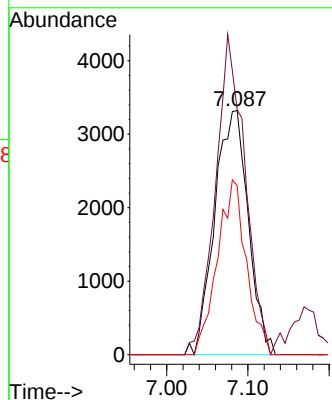
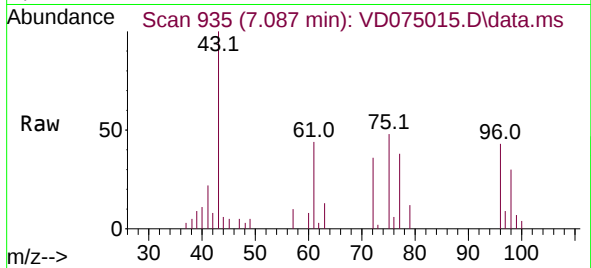
Tgt Ion: 96 Resp: 9539

Ion Ratio Lower Upper

96 100

61 116.0 0.0 245.2

98 61.8 0.0 130.0



#28

Bromochloromethane

Concen: 30.918 ug/l

RT: 7.434 min Scan# 994

Delta R.T. 0.006 min

Lab File: VD075015.D

Acq: 14 Dec 2022 11:33

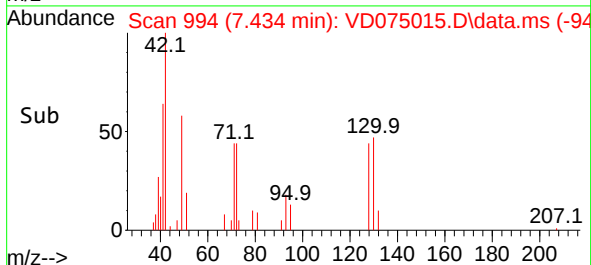
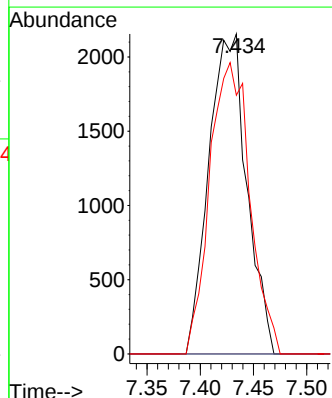
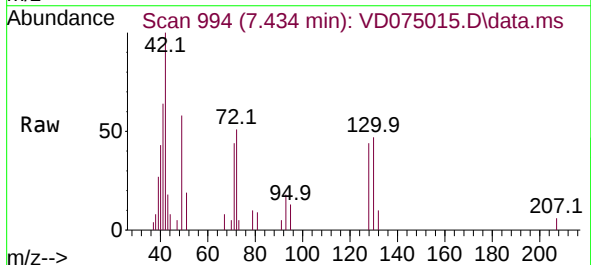
Tgt Ion: 49 Resp: 5349

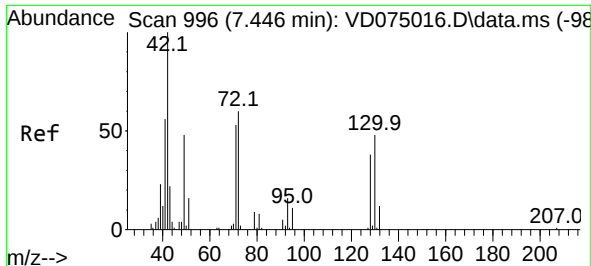
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.4

130 96.0 78.2 117.4





#29

Tetrahydrofuran

Concen: 315.771 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.000 min

Lab File: VD075015.D

Acq: 14 Dec 2022 11:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

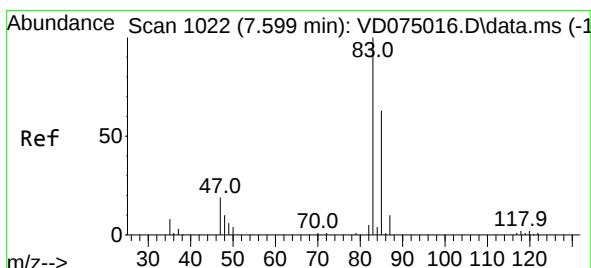
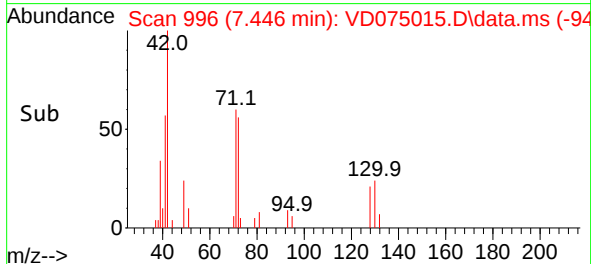
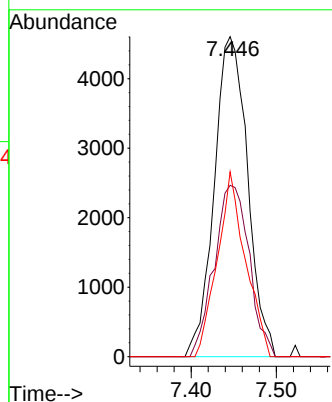
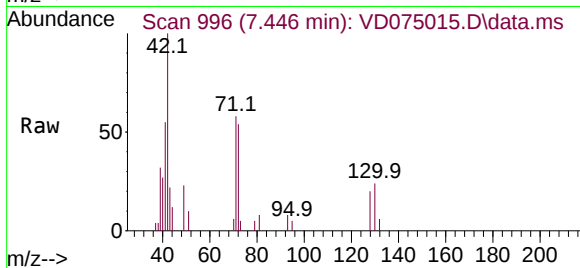
Tgt Ion: 42 Resp: 12534

Ion Ratio Lower Upper

42 100

72 56.1 44.4 66.6

71 48.8 41.4 62.0



#30

Chloroform

Concen: 24.508 ug/l

RT: 7.598 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VD075015.D

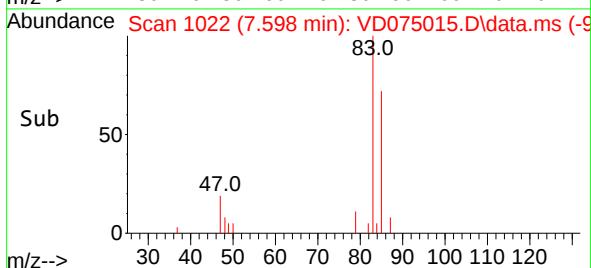
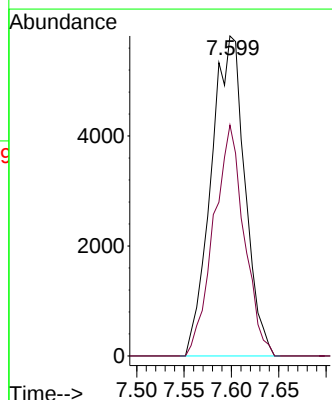
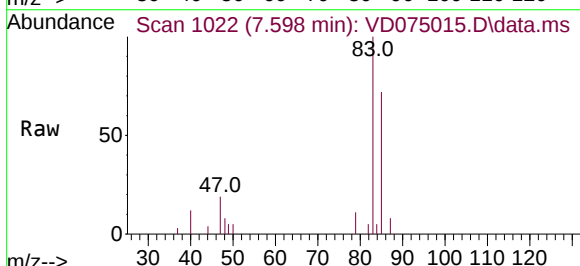
Acq: 14 Dec 2022 11:33

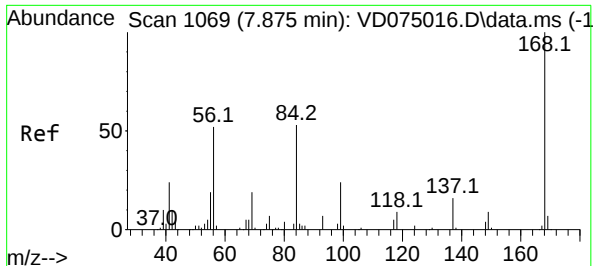
Tgt Ion: 83 Resp: 14460

Ion Ratio Lower Upper

83 100

85 72.2 50.8 76.2





#31

Cyclohexane

Concen: 14.041 ug/l

RT: 7.881 min Scan# 1069

Delta R.T. 0.006 min

Lab File: VD075015.D

Acq: 14 Dec 2022 11:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

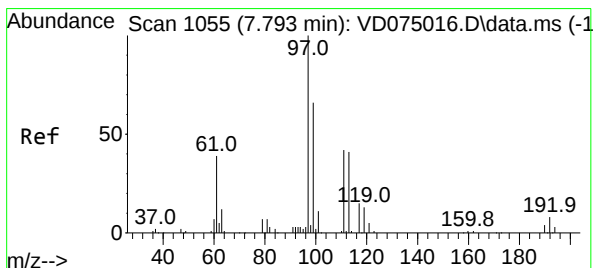
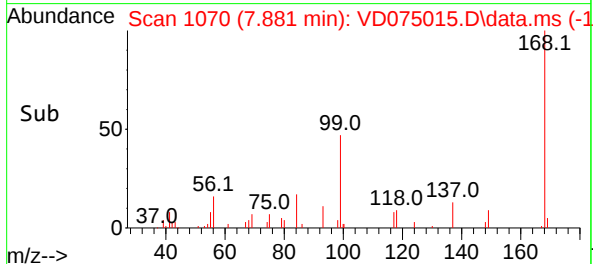
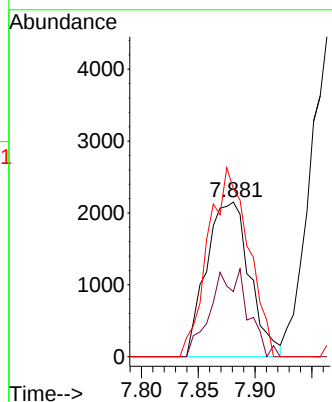
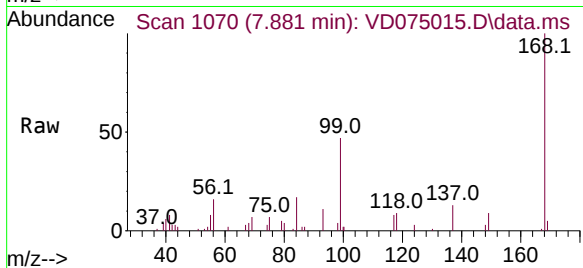
Tgt Ion: 56 Resp: 5695

Ion Ratio Lower Upper

56 100

69 42.2 29.0 43.6

84 108.8 81.0 121.6



#32

1,1,1-Trichloroethane

Concen: 20.432 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD075015.D

Acq: 14 Dec 2022 11:33

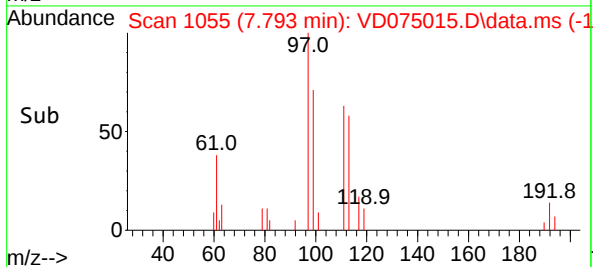
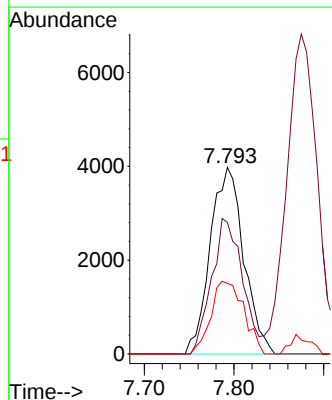
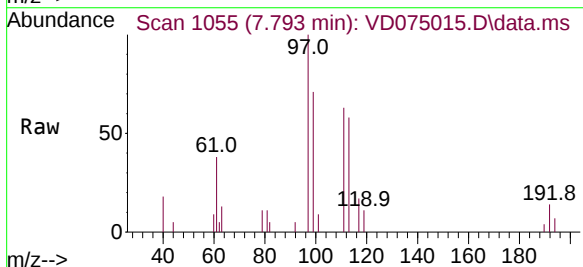
Tgt Ion: 97 Resp: 10313

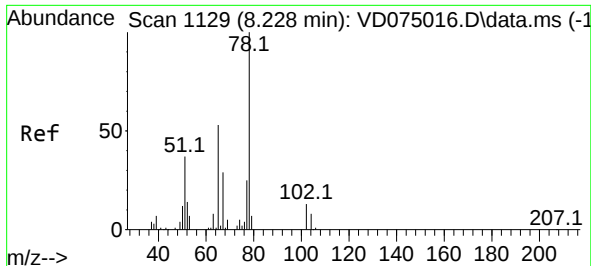
Ion Ratio Lower Upper

97 100

99 66.5 51.0 76.6

61 38.3 31.4 47.0





#33

1,2-Dichloroethane-d4

Concen: 39.615 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD075015.D

Acq: 14 Dec 2022 11:33

Instrument :

MSVOA_D

ClientSampleId :

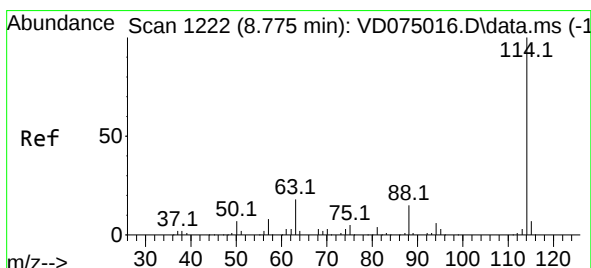
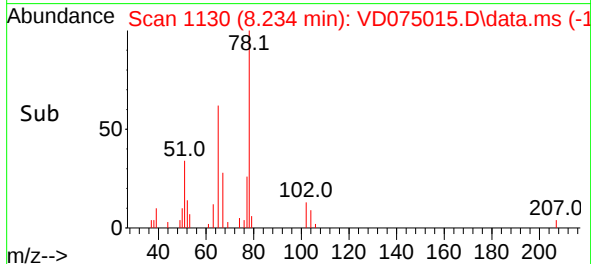
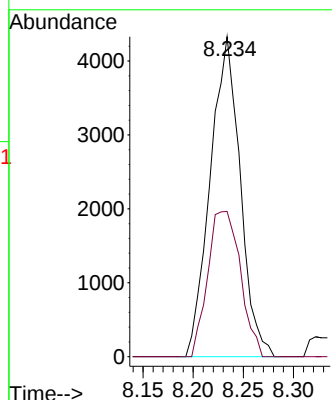
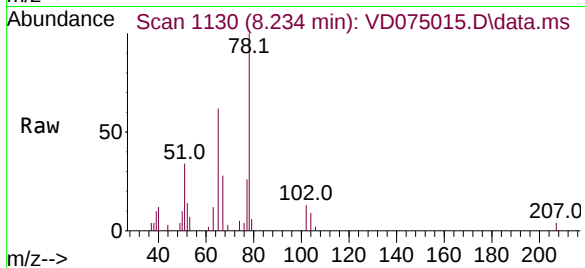
VSTDIC020

Tgt Ion: 65 Resp: 8988

Ion Ratio Lower Upper

65 100

67 49.5 0.0 107.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD075015.D

Acq: 14 Dec 2022 11:33

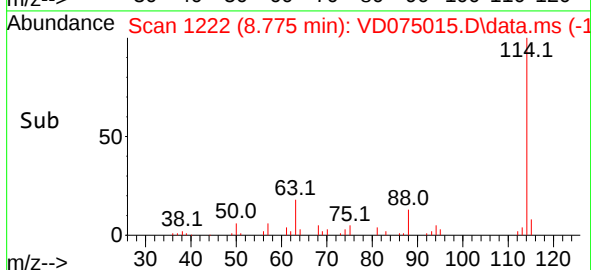
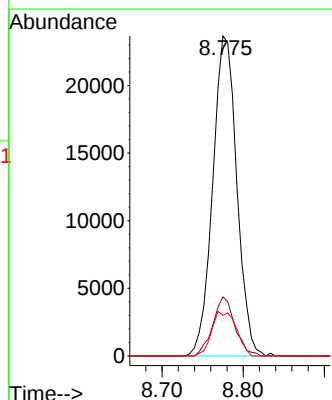
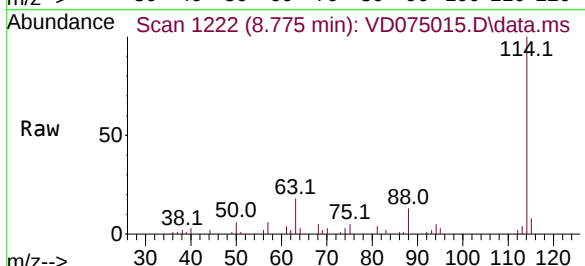
Tgt Ion: 114 Resp: 48828

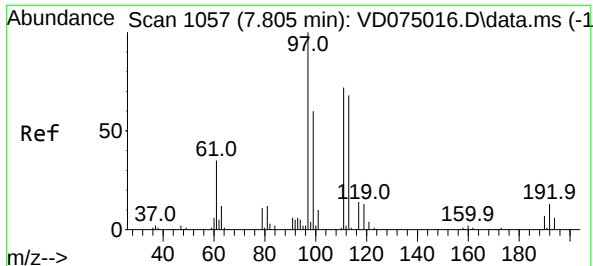
Ion Ratio Lower Upper

114 100

63 18.4 0.0 36.6

88 12.7 0.0 29.8





#35

Dibromofluoromethane

Concen: 27.719 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD075015.D

Acq: 14 Dec 2022 11:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

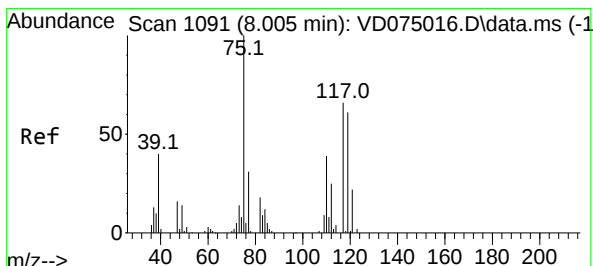
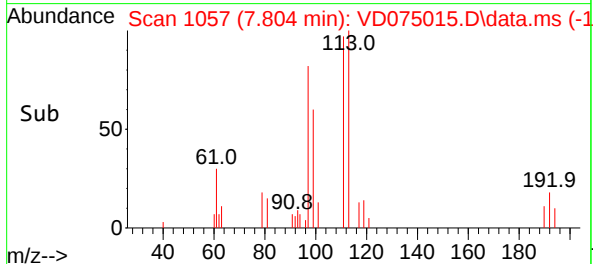
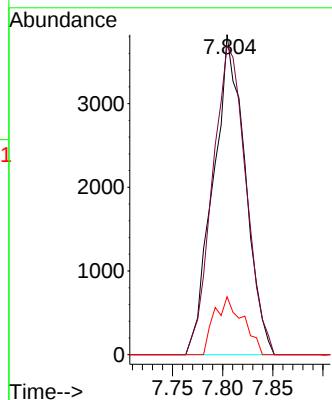
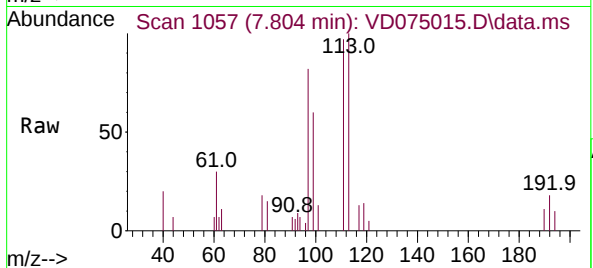
Tgt Ion:113 Resp: 8471

Ion Ratio Lower Upper

113 100

111 101.2 83.0 124.6

192 16.2 15.5 23.3



#36

1,1-Dichloropropene

Concen: 18.364 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.006 min

Lab File: VD075015.D

Acq: 14 Dec 2022 11:33

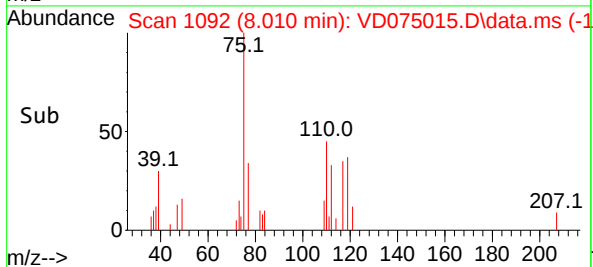
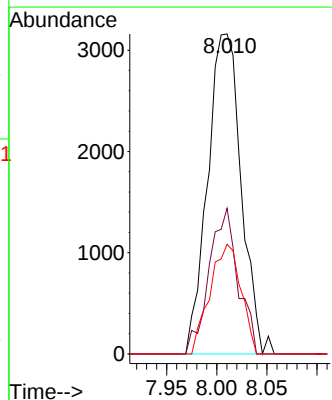
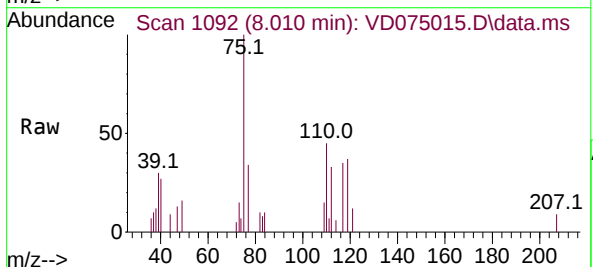
Tgt Ion: 75 Resp: 7374

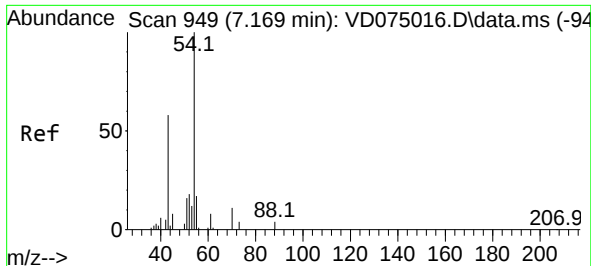
Ion Ratio Lower Upper

75 100

110 39.1 19.7 59.1

77 31.6 24.8 37.2

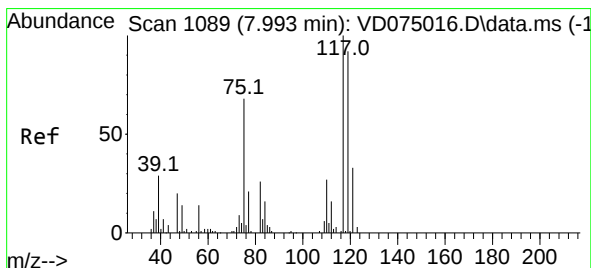
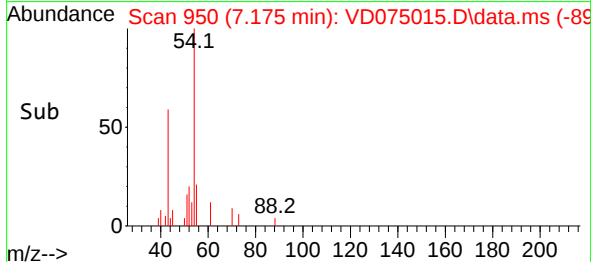
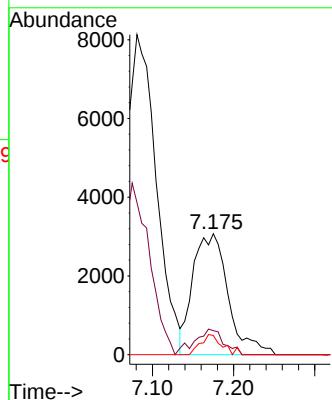
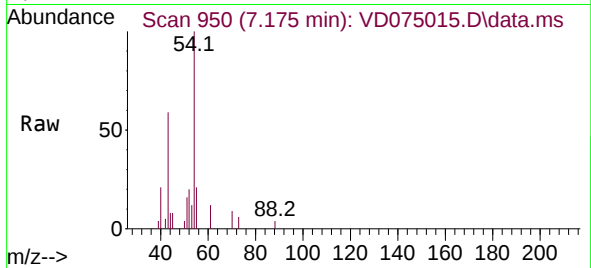




#37
Ethyl Acetate
Concen: 59.088 ug/l
RT: 7.175 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD075015.D
Acq: 14 Dec 2022 11:33

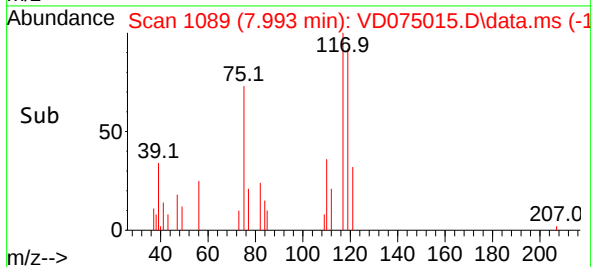
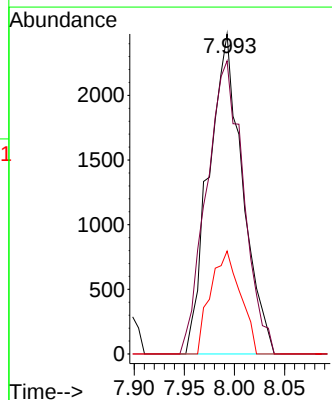
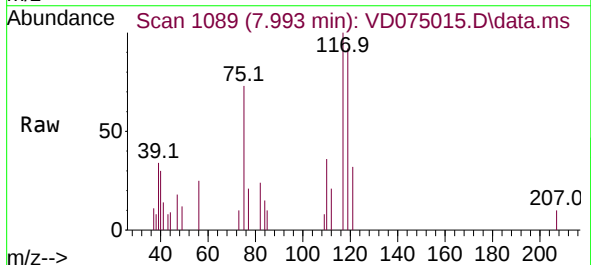
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

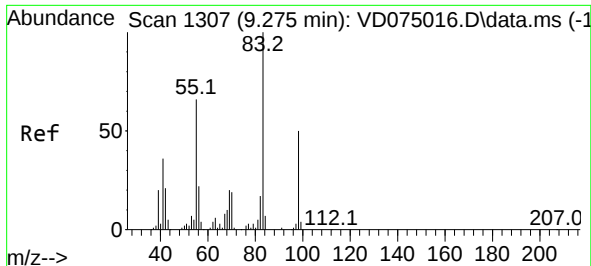
Tgt Ion: 43 Resp: 9285
Ion Ratio Lower Upper
43 100
61 17.3 13.8 20.8
70 10.0 10.6 15.8#



#38
Carbon Tetrachloride
Concen: 15.373 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD075015.D
Acq: 14 Dec 2022 11:33

Tgt Ion: 117 Resp: 5775
Ion Ratio Lower Upper
117 100
119 91.6 73.2 109.8
121 32.2 26.1 39.1





#39

Methylcyclohexane

Concen: 12.967 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD075015.D

Acq: 14 Dec 2022 11:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

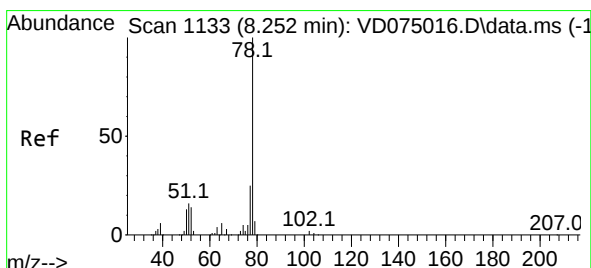
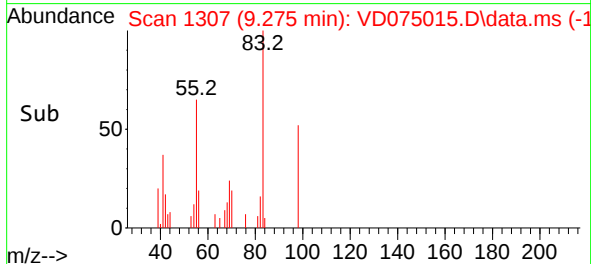
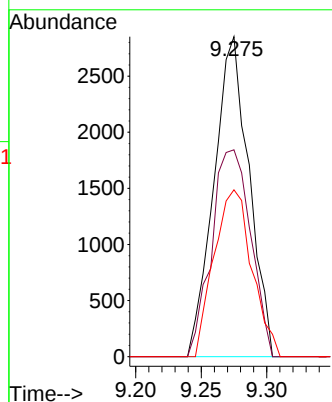
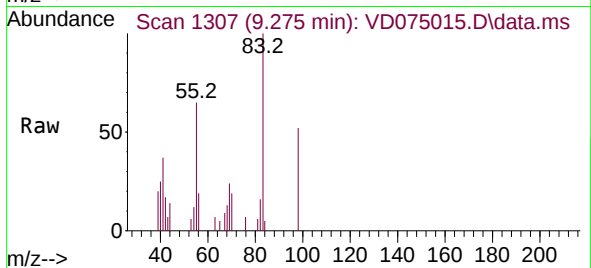
Tgt Ion: 83 Resp: 5301

Ion Ratio Lower Upper

83 100

55 64.6 52.9 79.3

98 52.1 40.2 60.2



#40

Benzene

Concen: 23.896 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD075015.D

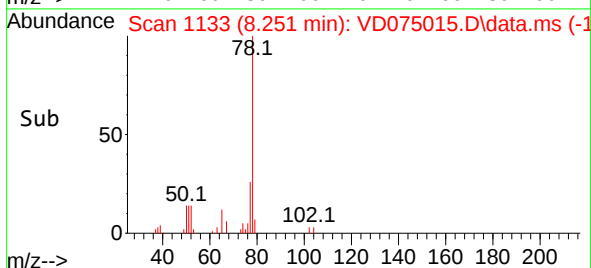
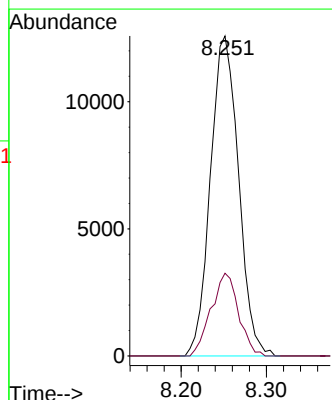
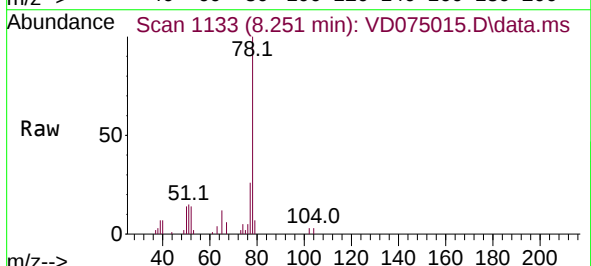
Acq: 14 Dec 2022 11:33

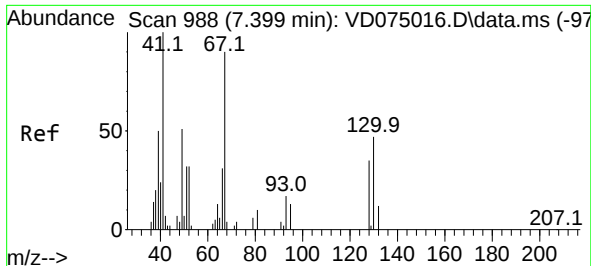
Tgt Ion: 78 Resp: 28820

Ion Ratio Lower Upper

78 100

77 25.8 20.2 30.2



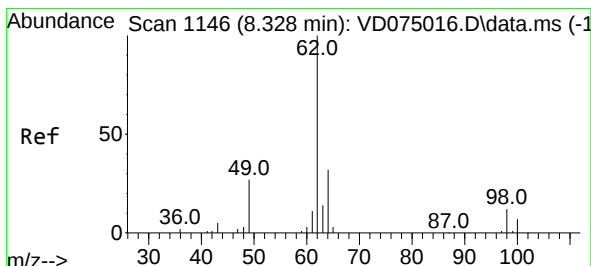
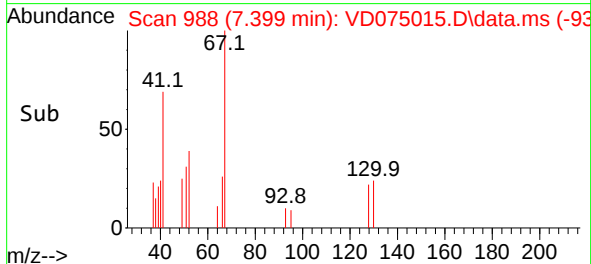
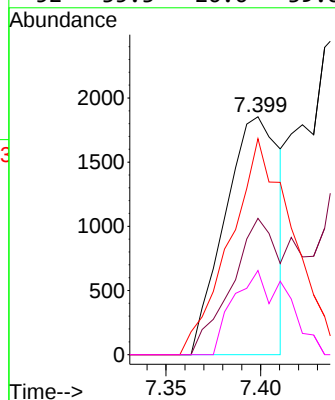
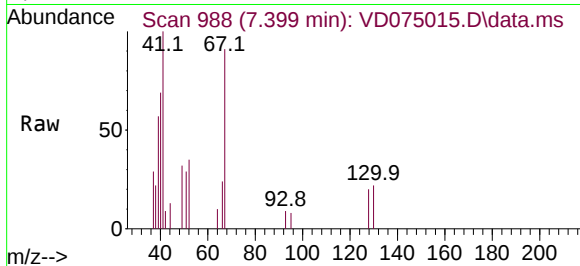


#41
Methacrylonitrile
Concen: 45.518 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075015.D
Acq: 14 Dec 2022 11:33

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 41 Resp: 3708

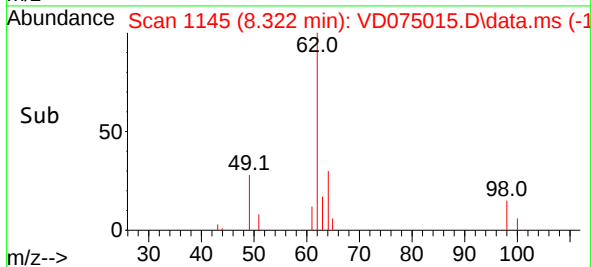
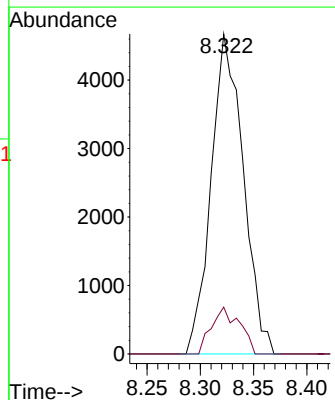
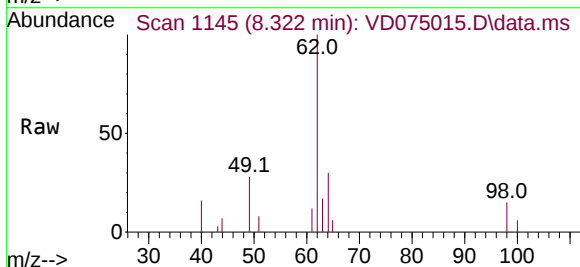
Ion	Ratio	Lower	Upper
41	100		
39	48.5	45.9	68.9
67	104.0	76.0	114.0
52	35.3	26.6	39.8

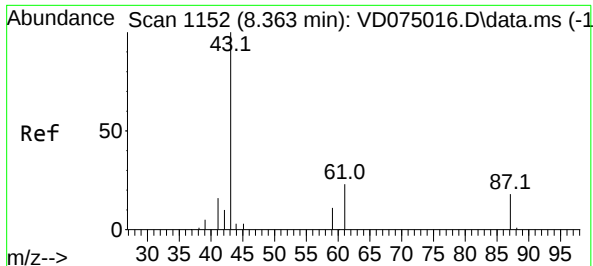


#42
1,2-Dichloroethane
Concen: 33.858 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD075015.D
Acq: 14 Dec 2022 11:33

Tgt Ion: 62 Resp: 9798

Ion	Ratio	Lower	Upper
62	100		
98	12.8	0.0	23.4





#43

Isopropyl Acetate

Concen: 51.717 ug/l

RT: 8.363 min Scan# 1152

Delta R.T. -0.000 min

Lab File: VD075015.D

Acq: 14 Dec 2022 11:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

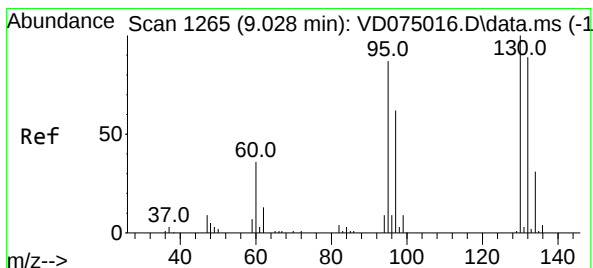
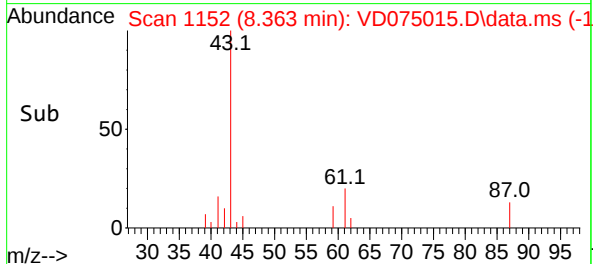
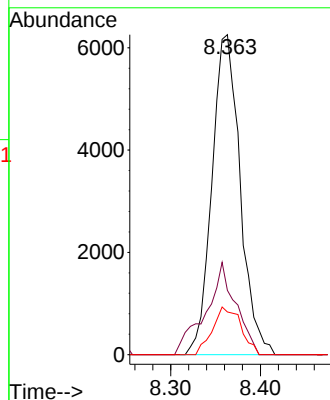
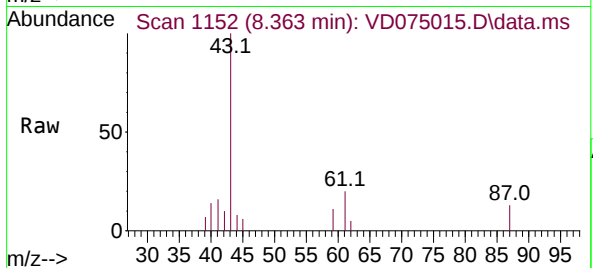
Tgt Ion: 43 Resp: 13632

Ion Ratio Lower Upper

43 100

61 30.9 28.2 42.2

87 15.0 13.8 20.6



#44

Trichloroethene

Concen: 20.927 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. -0.000 min

Lab File: VD075015.D

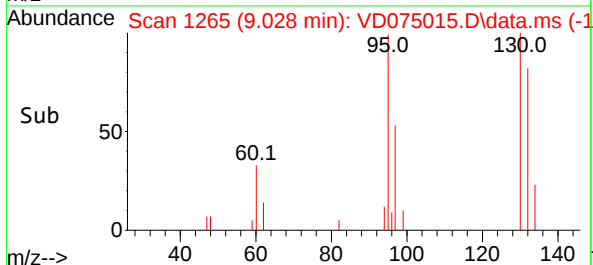
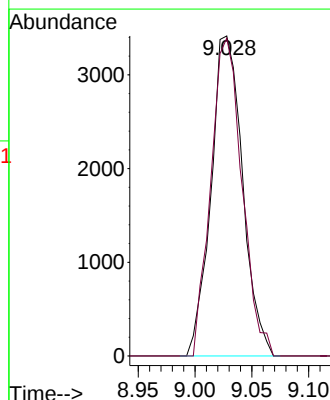
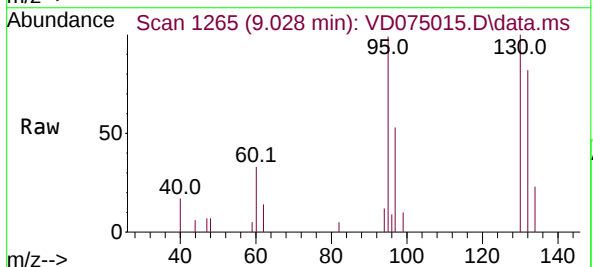
Acq: 14 Dec 2022 11:33

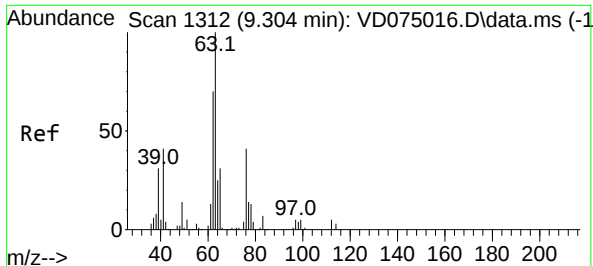
Tgt Ion:130 Resp: 6605

Ion Ratio Lower Upper

130 100

95 99.3 0.0 174.8





#45

1,2-Dichloropropane

Concen: 25.389 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD075015.D

Acq: 14 Dec 2022 11:33

Instrument :

MSVOA_D

ClientSampleId :

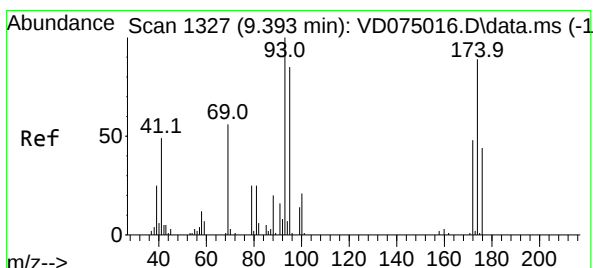
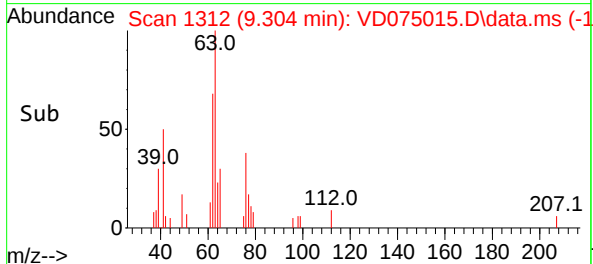
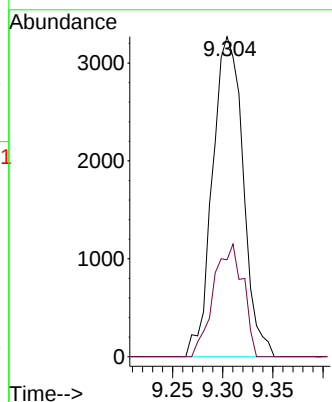
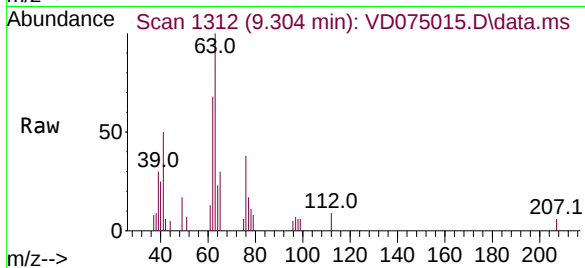
VSTDIC020

Tgt Ion: 63 Resp: 6942

Ion Ratio Lower Upper

63 100

65 30.3 25.2 37.8



#46

Dibromomethane

Concen: 36.015 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD075015.D

Acq: 14 Dec 2022 11:33

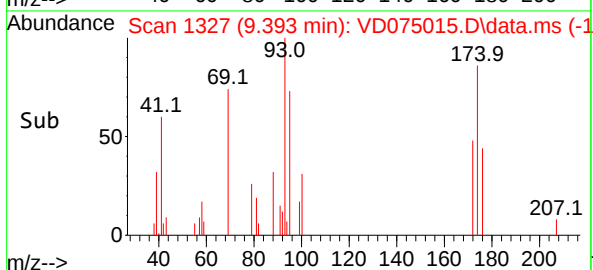
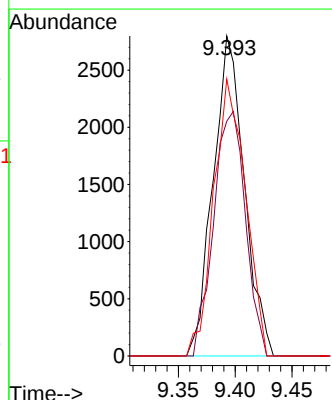
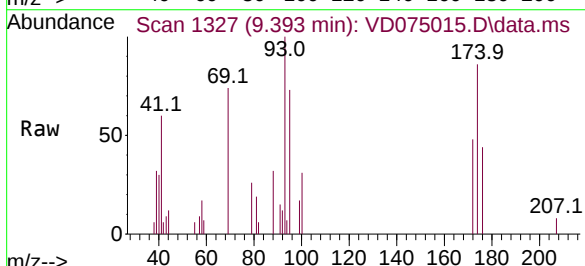
Tgt Ion: 93 Resp: 5350

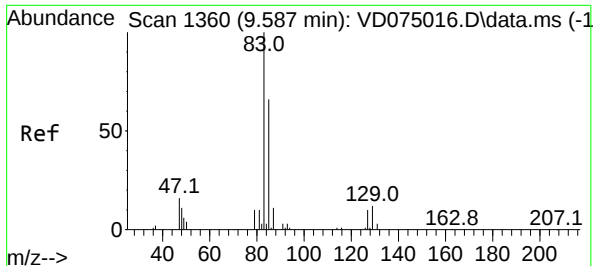
Ion Ratio Lower Upper

93 100

95 78.1 66.3 99.5

174 88.2 74.7 112.1





#47

Bromodichloromethane

Concen: 26.667 ug/l

RT: 9.581 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD075015.D

Acq: 14 Dec 2022 11:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

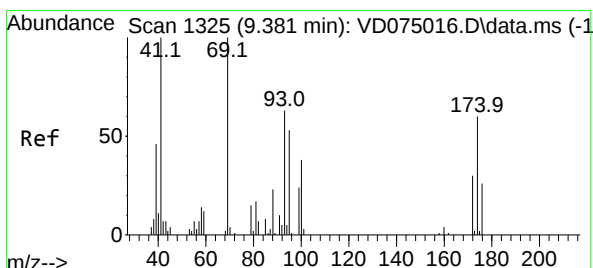
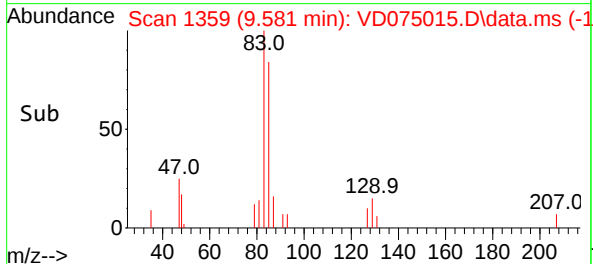
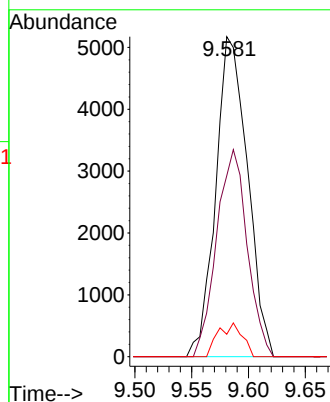
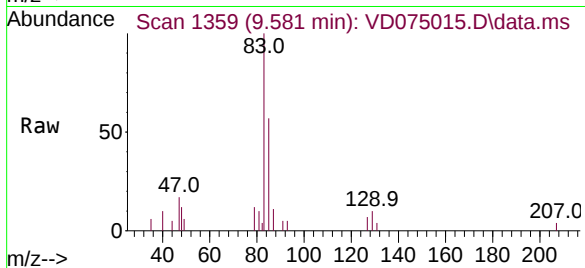
Tgt Ion: 83 Resp: 10056

Ion Ratio Lower Upper

83 100

85 56.6 53.0 79.6

127 7.0 8.1 12.1#



#48

Methyl methacrylate

Concen: 40.713 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.000 min

Lab File: VD075015.D

Acq: 14 Dec 2022 11:33

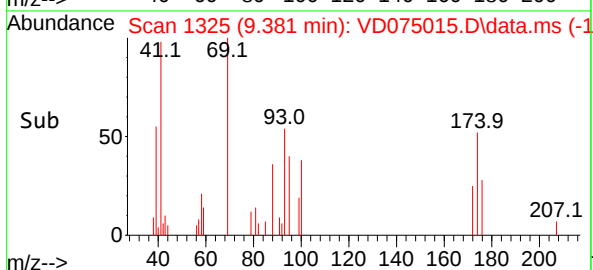
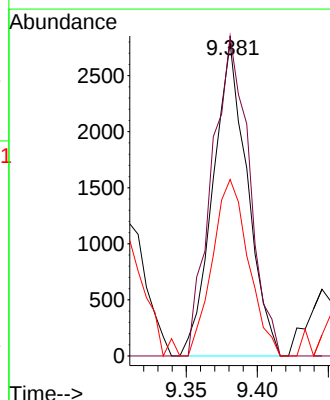
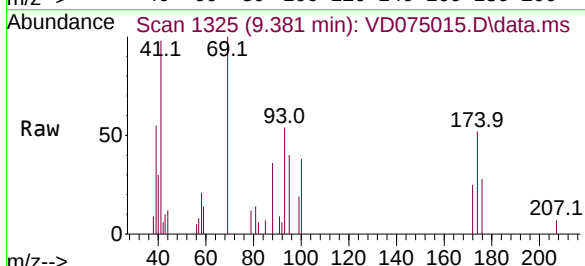
Tgt Ion: 41 Resp: 4711

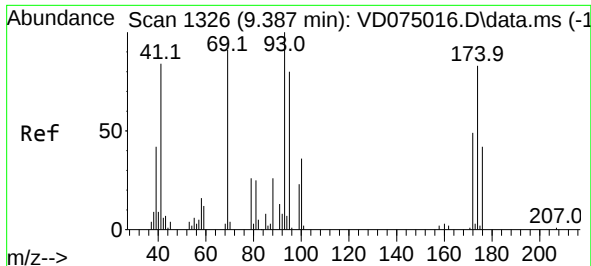
Ion Ratio Lower Upper

41 100

69 110.8 87.0 130.4

39 59.0 43.6 65.4





#49

1,4-Dioxane

Concen: 1242.509 ug/l

RT: 9.387 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD075015.D

Acq: 14 Dec 2022 11:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

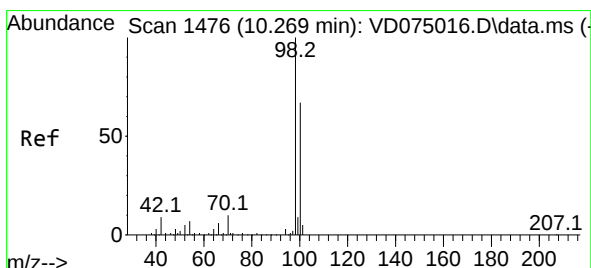
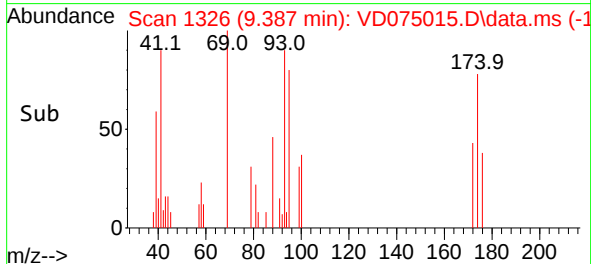
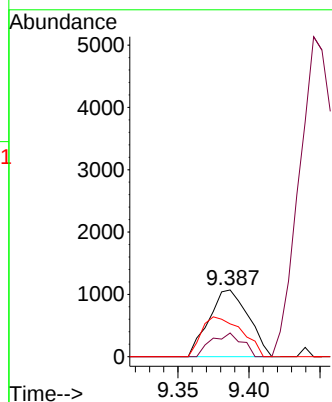
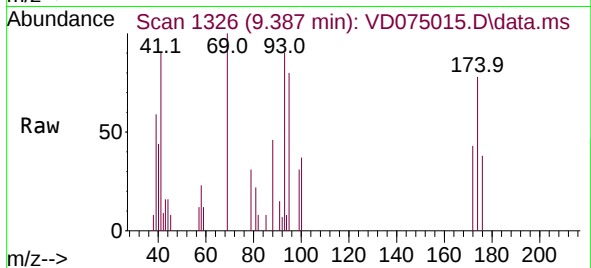
Tgt Ion: 88 Resp: 2066

Ion Ratio Lower Upper

88 100

43 27.5 22.3 33.5

58 60.9 47.3 70.9



#50

Toluene-d8

Concen: 25.706 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD075015.D

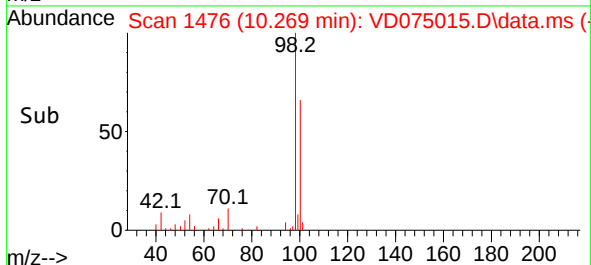
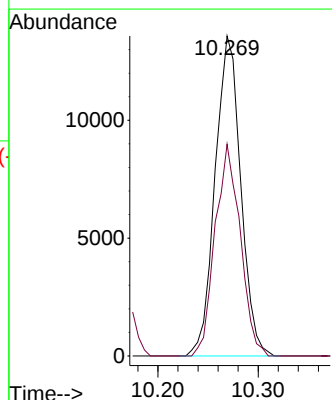
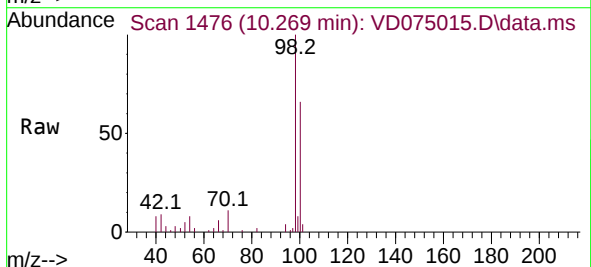
Acq: 14 Dec 2022 11:33

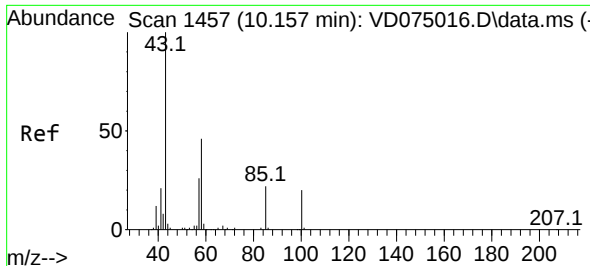
Tgt Ion: 98 Resp: 24082

Ion Ratio Lower Upper

98 100

100 65.1 52.3 78.5

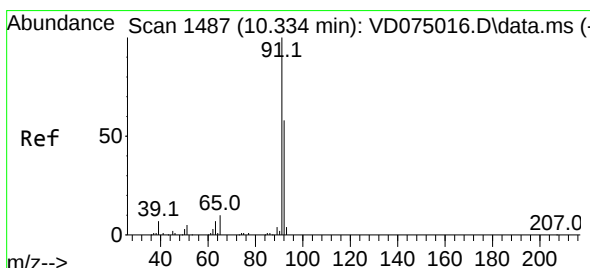
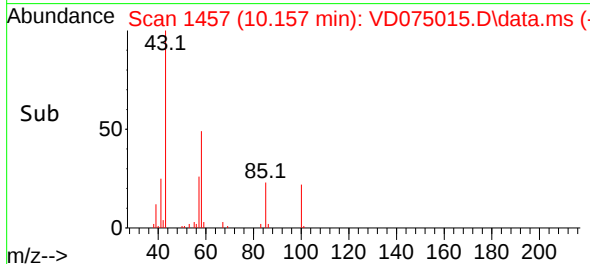
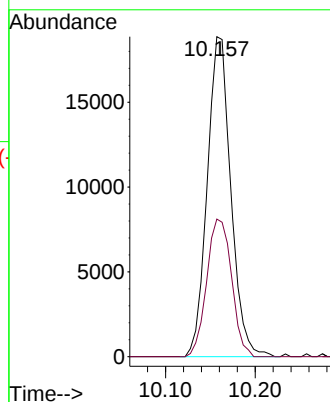
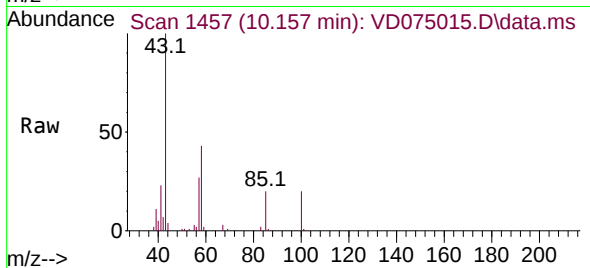




#51
4-Methyl-2-Pentanone
Concen: 261.814 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD075015.D
Acq: 14 Dec 2022 11:33

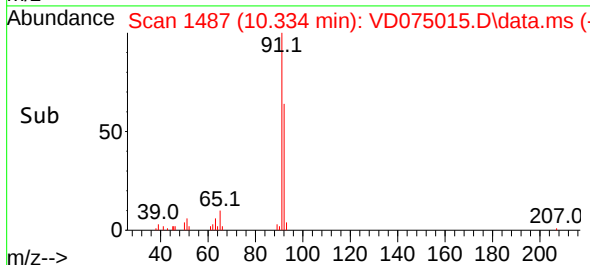
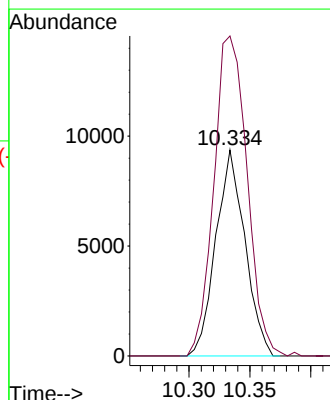
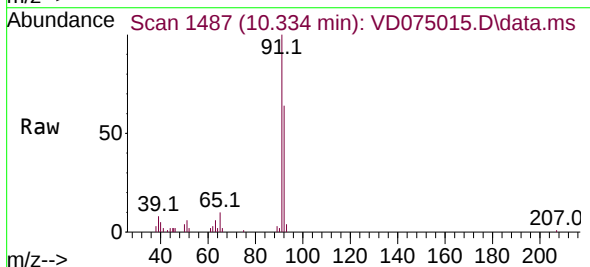
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

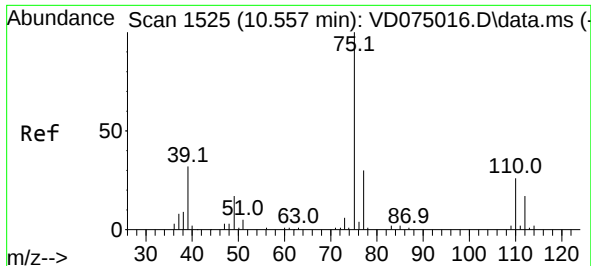
Tgt Ion: 43 Resp: 34494
Ion Ratio Lower Upper
43 100
58 45.1 35.8 53.6



#52
Toluene
Concen: 21.892 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD075015.D
Acq: 14 Dec 2022 11:33

Tgt Ion: 92 Resp: 15600
Ion Ratio Lower Upper
92 100
91 177.2 137.6 206.4

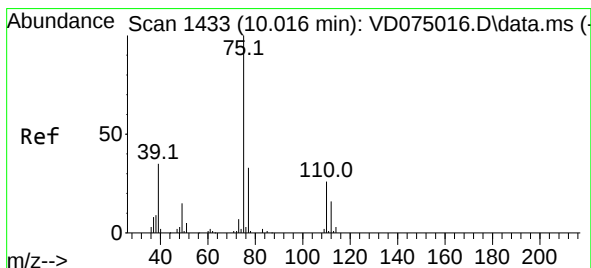
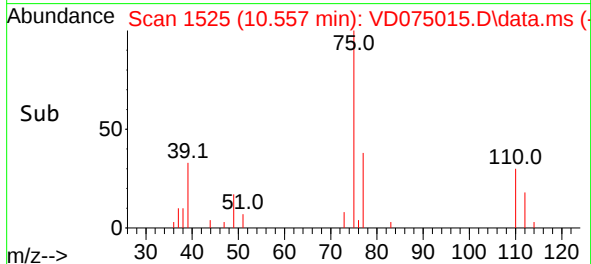
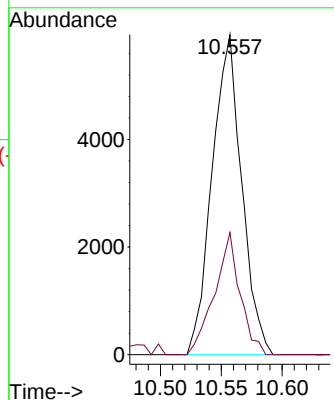
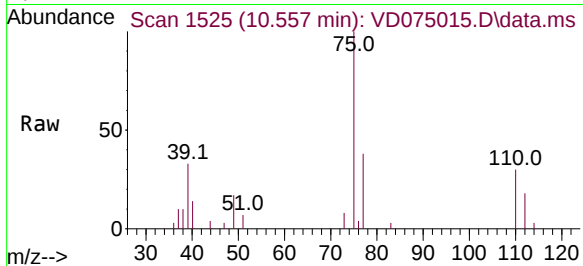




#53
 t-1,3-Dichloropropene
 Concen: 28.954 ug/l
 RT: 10.557 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VD075015.D
 Acq: 14 Dec 2022 11:33

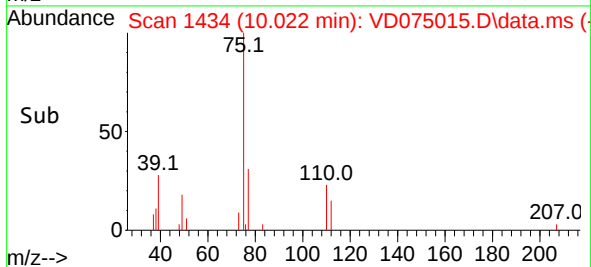
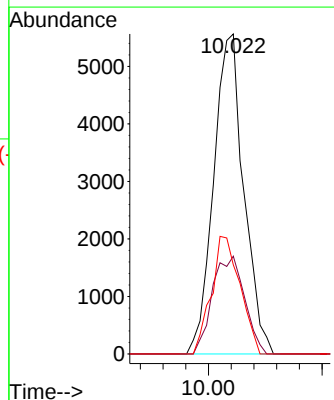
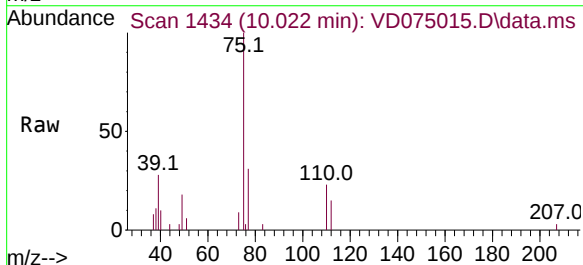
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

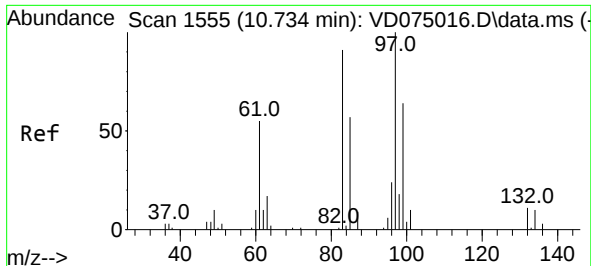
Tgt Ion: 75 Resp: 10063
 Ion Ratio Lower Upper
 75 100
 77 38.2 24.1 36.1#



#54
 cis-1,3-Dichloropropene
 Concen: 24.305 ug/l
 RT: 10.022 min Scan# 1434
 Delta R.T. 0.006 min
 Lab File: VD075015.D
 Acq: 14 Dec 2022 11:33

Tgt Ion: 75 Resp: 10248
 Ion Ratio Lower Upper
 75 100
 77 30.6 26.2 39.4
 39 27.9 28.3 42.5#

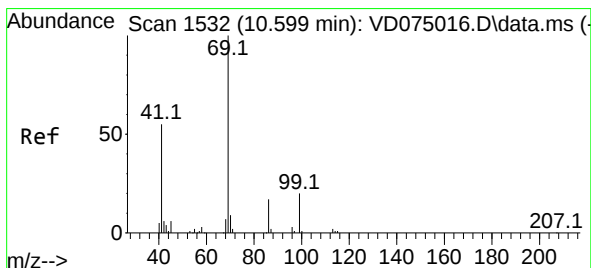
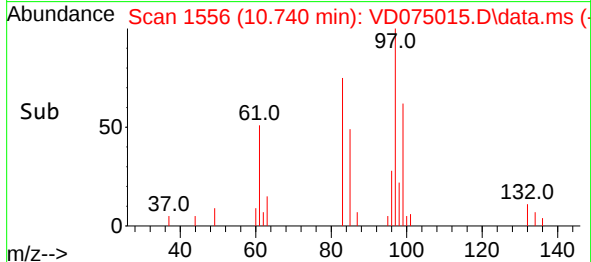
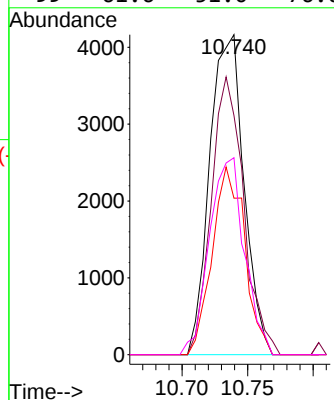
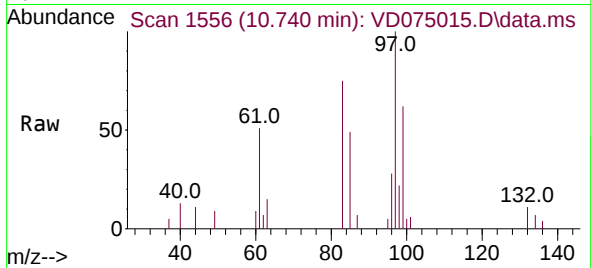




#55
1,1,2-Trichloroethane
Concen: 34.834 ug/l
RT: 10.740 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VD075015.D
Acq: 14 Dec 2022 11:33

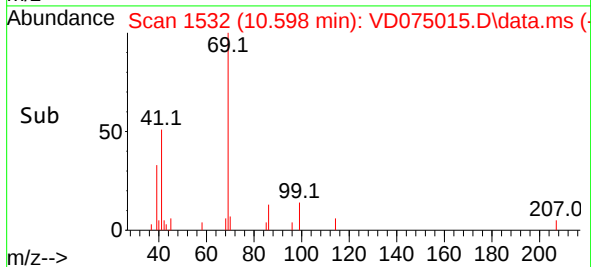
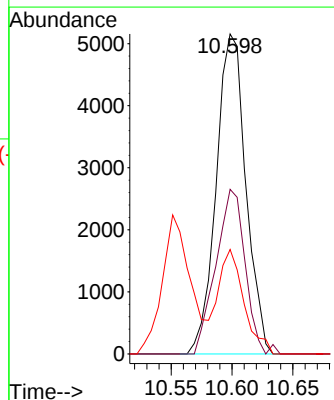
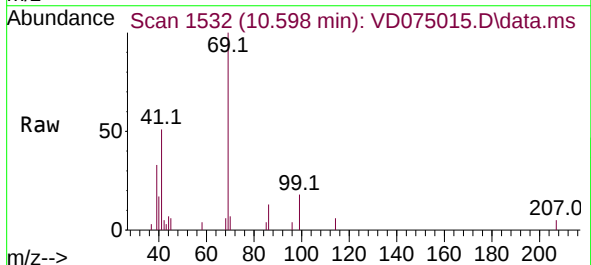
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

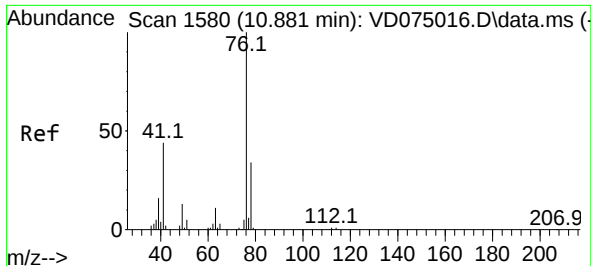
Tgt Ion: 97	Resp: 7556
Ion Ratio	Lower Upper
97 100	
83 74.7	73.1 109.7
85 48.9	45.4 68.2
99 61.6	51.0 76.6



#56
Ethyl methacrylate
Concen: 36.736 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD075015.D
Acq: 14 Dec 2022 11:33

Tgt Ion: 69	Resp: 8748		
Ion Ratio	Lower	Upper	
69 100			
41 50.7	42.7	64.1	
39 28.0	20.4	30.6	





#57

1,3-Dichloropropane

Concen: 34.112 ug/l

RT: 10.881 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD075015.D

Acq: 14 Dec 2022 11:33

Instrument :

MSVOA_D

ClientSampleId :

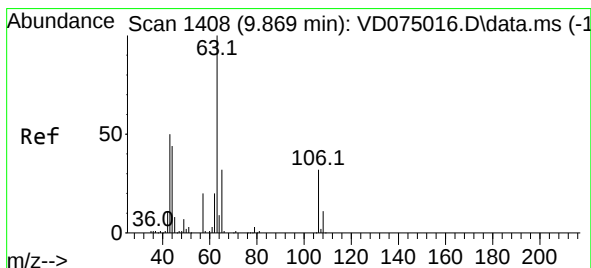
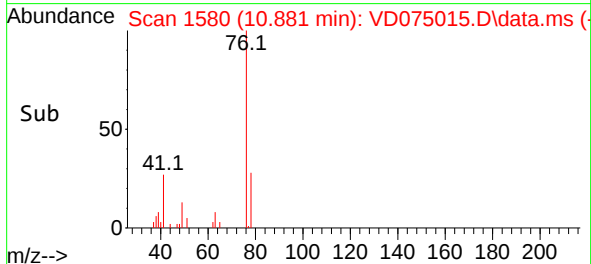
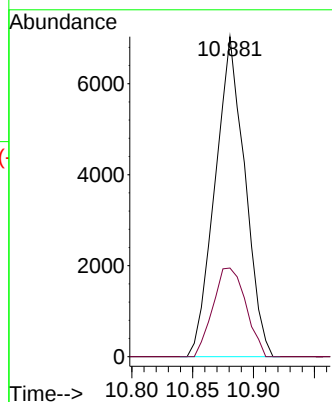
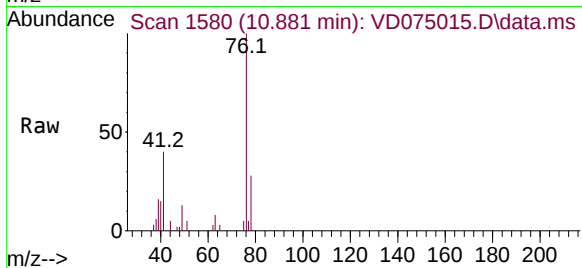
VSTDICC020

Tgt Ion: 76 Resp: 11987

Ion Ratio Lower Upper

76 100

78 30.5 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 168.019 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD075015.D

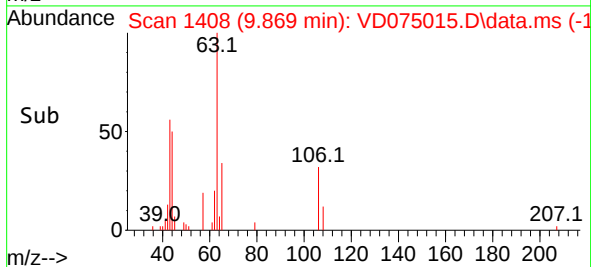
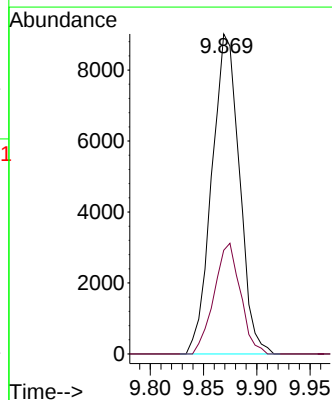
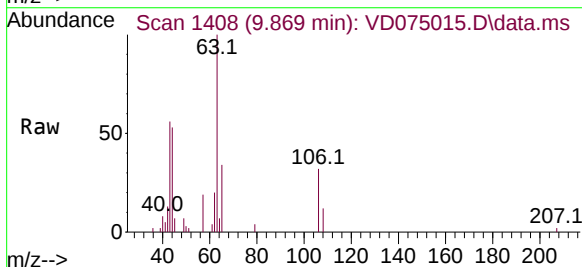
Acq: 14 Dec 2022 11:33

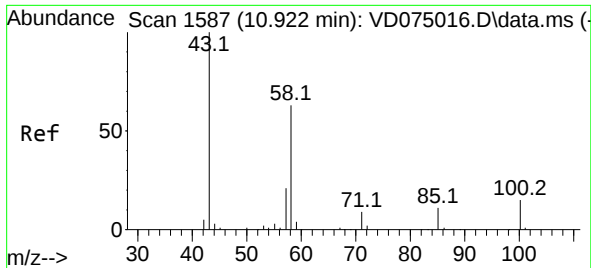
Tgt Ion: 63 Resp: 16259

Ion Ratio Lower Upper

63 100

106 33.0 25.0 37.4

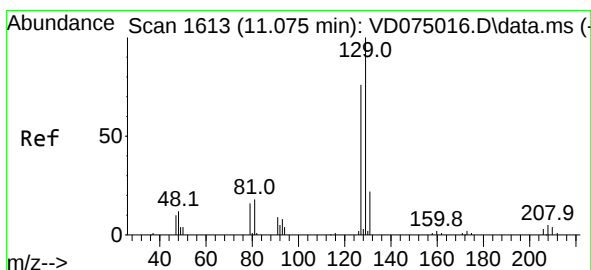
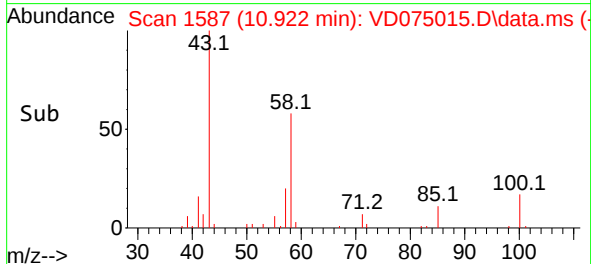
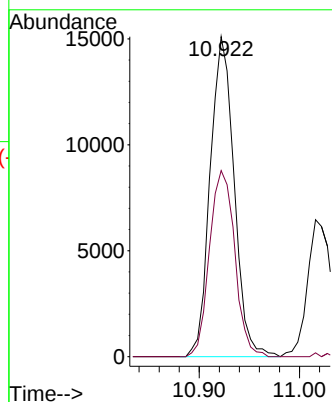
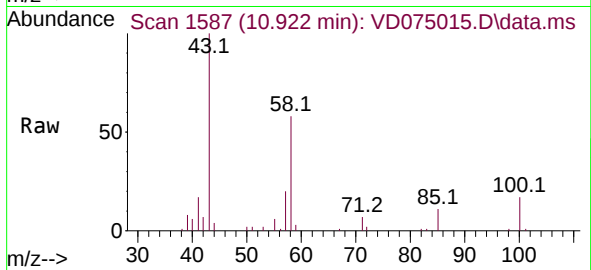




#59
2-Hexanone
Concen: 261.545 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD075015.D
Acq: 14 Dec 2022 11:33

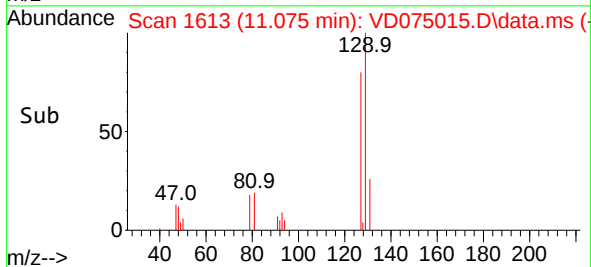
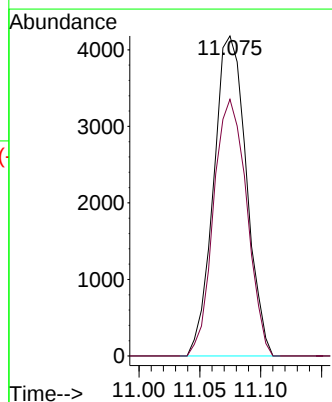
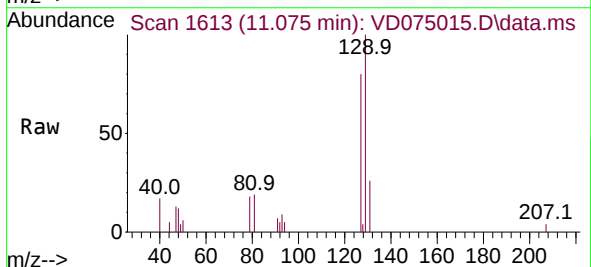
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

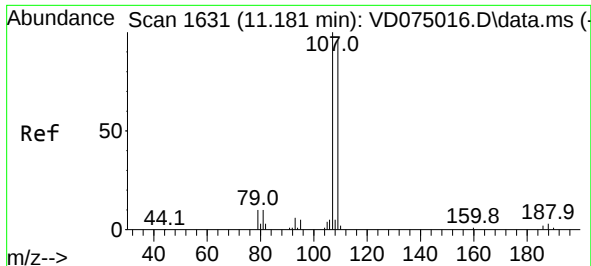
Tgt Ion: 43 Resp: 25095
Ion Ratio Lower Upper
43 100
58 61.3 31.4 94.3



#60
Dibromochloromethane
Concen: 30.809 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD075015.D
Acq: 14 Dec 2022 11:33

Tgt Ion: 129 Resp: 7806
Ion Ratio Lower Upper
129 100
127 81.3 38.5 115.3

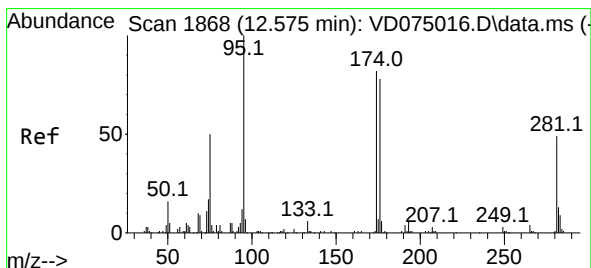
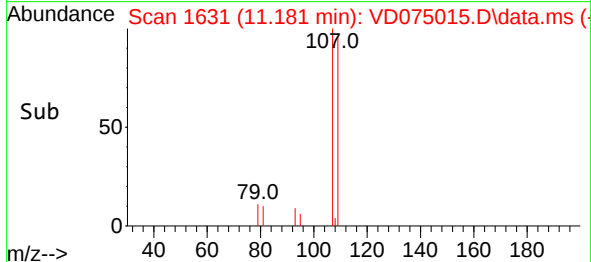
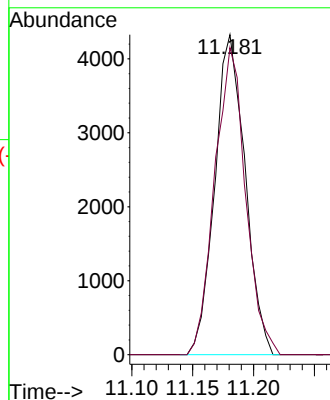
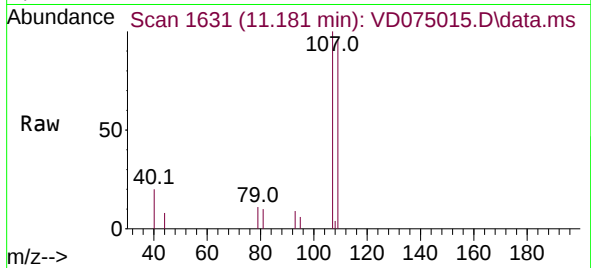




#61
1,2-Dibromoethane
Concen: 38.283 ug/l
RT: 11.181 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD075015.D
Acq: 14 Dec 2022 11:33

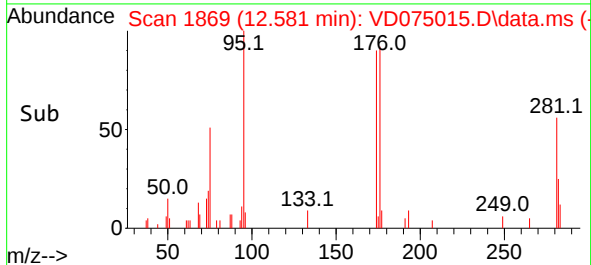
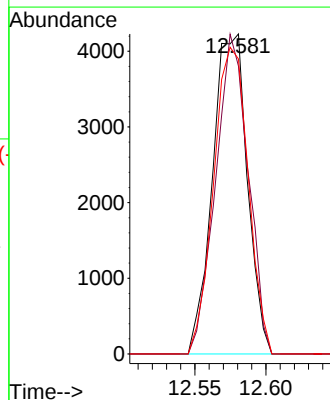
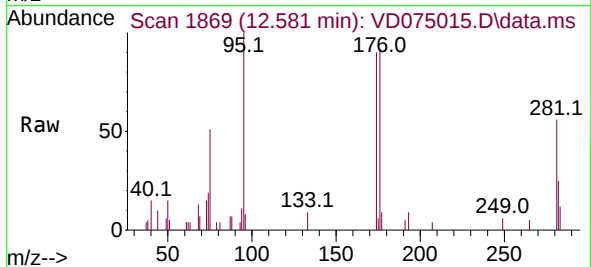
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

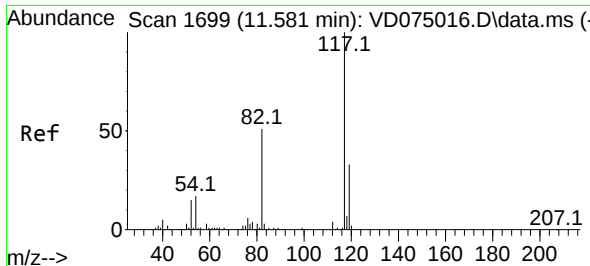
Tgt Ion:107 Resp: 7496
Ion Ratio Lower Upper
107 100
109 97.7 76.4 114.6



#62
4-Bromofluorobenzene
Concen: 23.917 ug/l
RT: 12.581 min Scan# 1869
Delta R.T. 0.006 min
Lab File: VD075015.D
Acq: 14 Dec 2022 11:33

Tgt Ion: 95 Resp: 7194
Ion Ratio Lower Upper
95 100
174 93.7 0.0 171.6
176 95.5 0.0 165.8

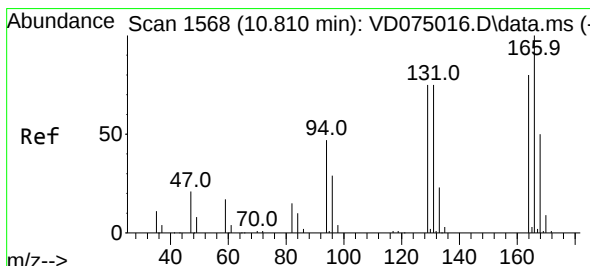
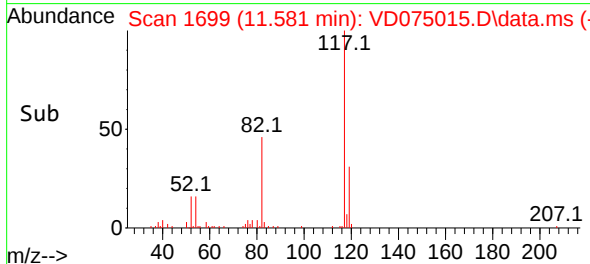
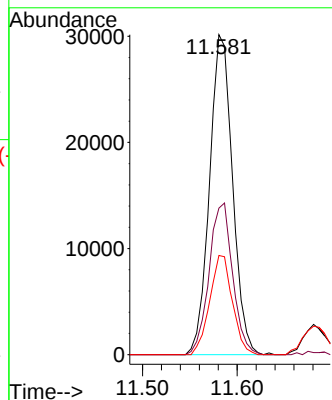
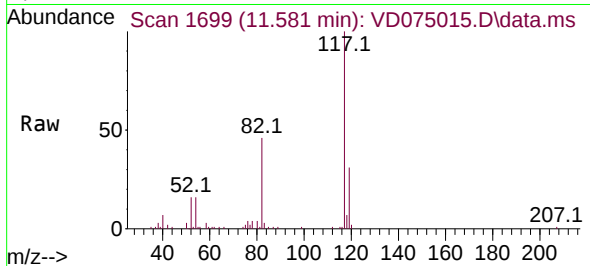




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075015.D
Acq: 14 Dec 2022 11:33

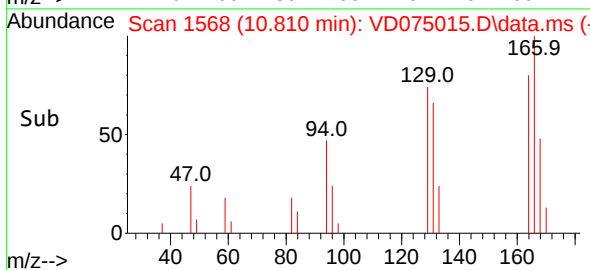
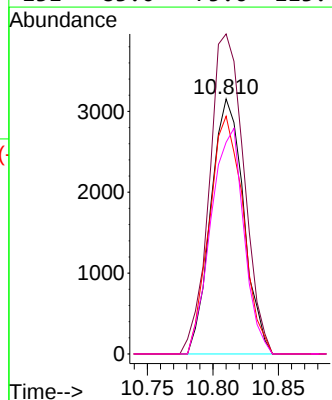
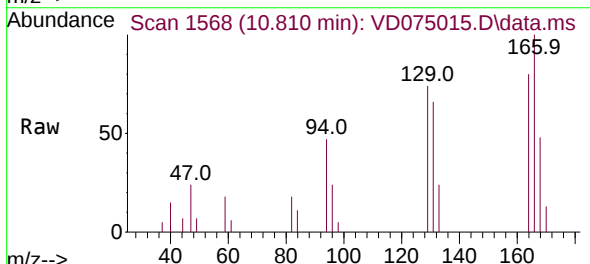
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

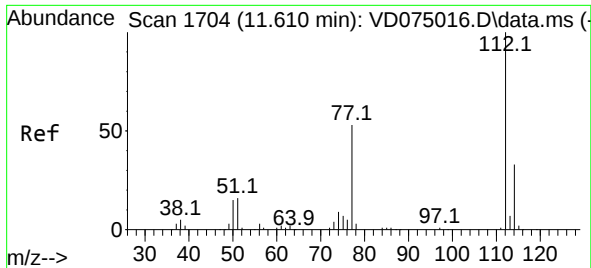
Tgt Ion:117 Resp: 50909
Ion Ratio Lower Upper
117 100
82 45.8 40.7 61.1
119 31.0 26.1 39.1



#64
Tetrachloroethene
Concen: 18.528 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD075015.D
Acq: 14 Dec 2022 11:33

Tgt Ion:164 Resp: 5484
Ion Ratio Lower Upper
164 100
166 125.5 100.3 150.5
129 93.2 74.8 112.2
131 83.0 75.6 113.4

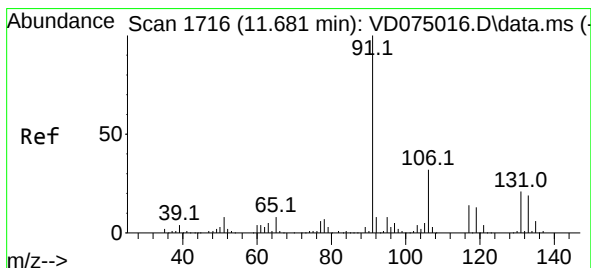
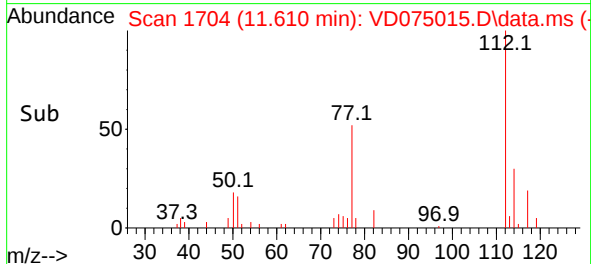
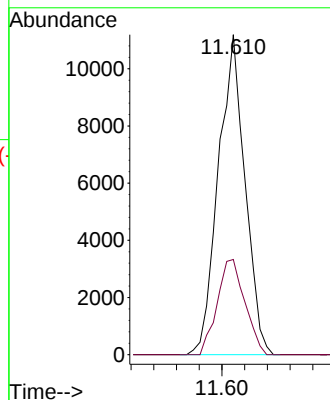
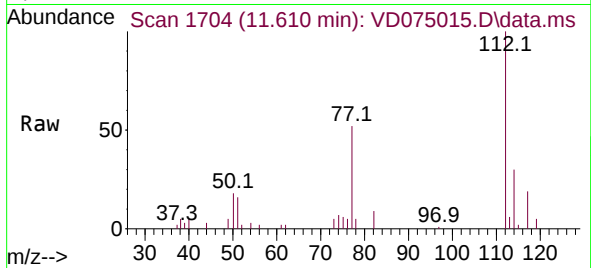




#65
Chlorobenzene
Concen: 19.498 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VD075015.D
Acq: 14 Dec 2022 11:33

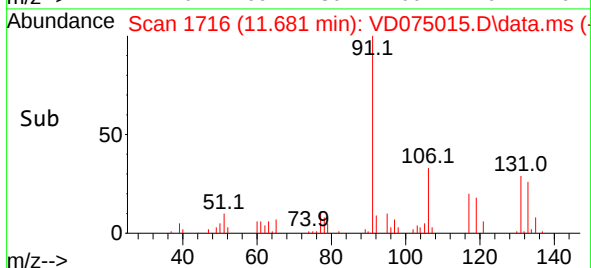
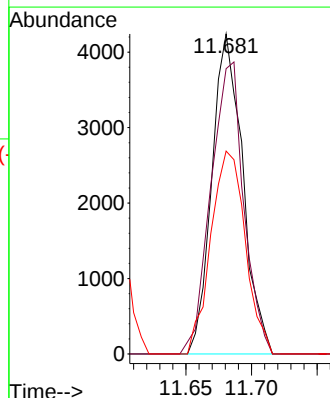
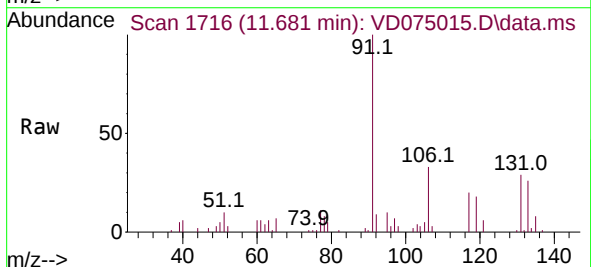
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

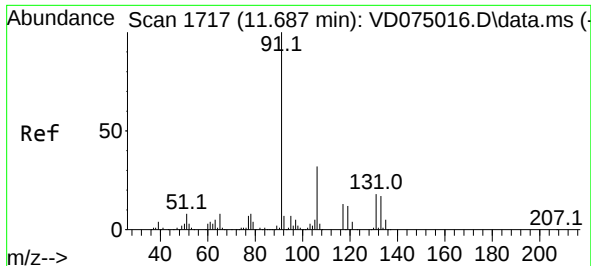
Tgt Ion:112 Resp: 18227
Ion Ratio Lower Upper
112 100
114 29.8 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 21.053 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD075015.D
Acq: 14 Dec 2022 11:33

Tgt Ion:131 Resp: 6918
Ion Ratio Lower Upper
131 100
133 97.3 47.0 141.2
119 71.1 33.4 100.1

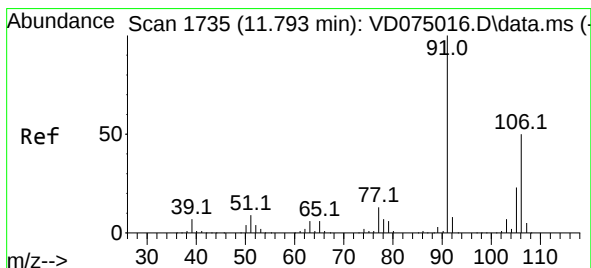
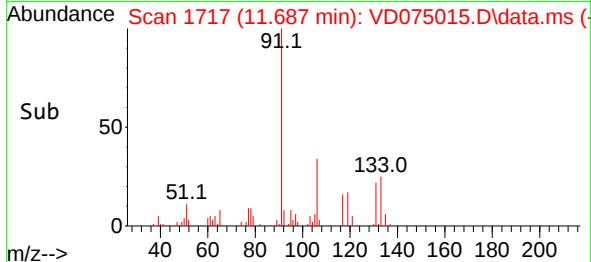
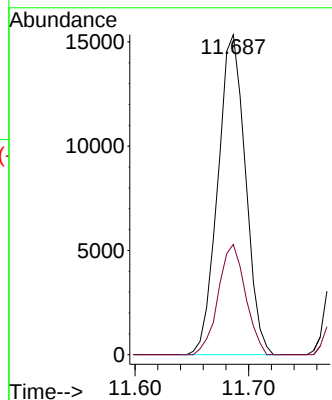
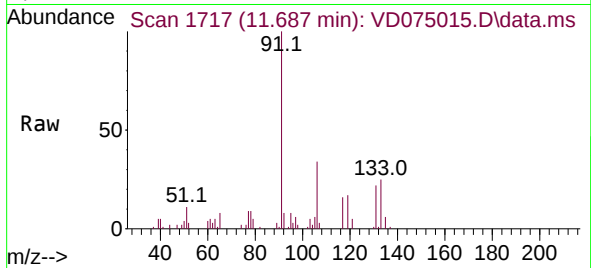




#67
Ethyl Benzene
Concen: 16.078 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD075015.D
Acq: 14 Dec 2022 11:33

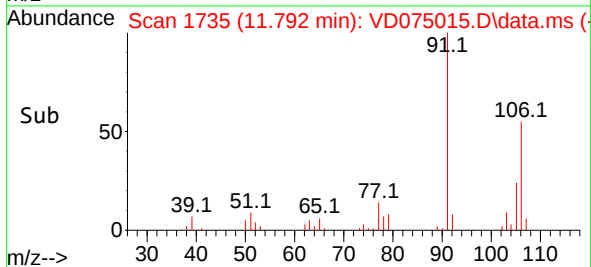
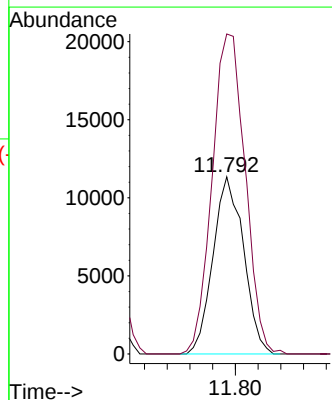
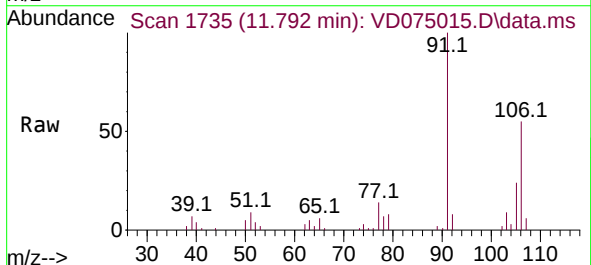
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

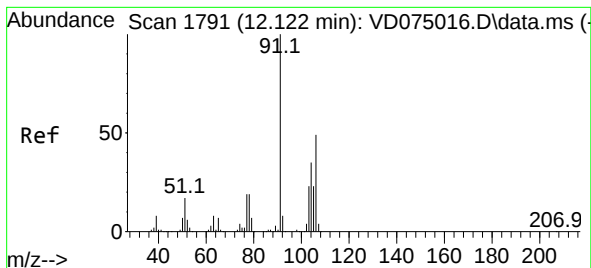
Tgt Ion: 91 Resp: 25968
Ion Ratio Lower Upper
91 100
106 34.5 25.9 38.9



#68
m/p-Xylenes
Concen: 33.377 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD075015.D
Acq: 14 Dec 2022 11:33

Tgt Ion: 106 Resp: 21153
Ion Ratio Lower Upper
106 100
91 195.6 157.1 235.7





#69

o-Xylene

Concen: 18.083 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VD075015.D

Acq: 14 Dec 2022 11:33

Instrument :

MSVOA_D

ClientSampleId :

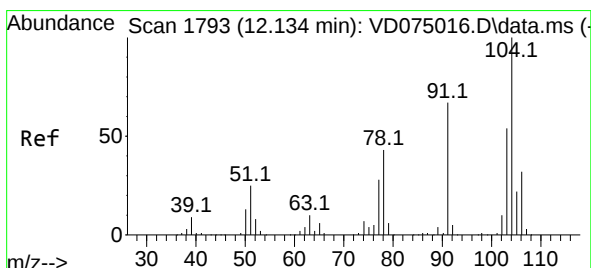
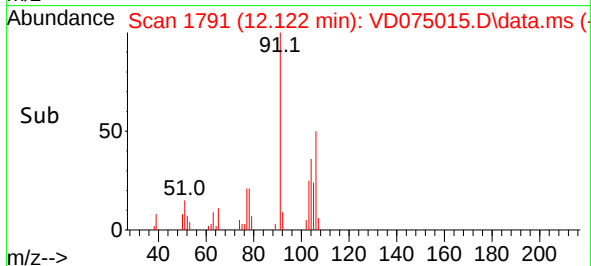
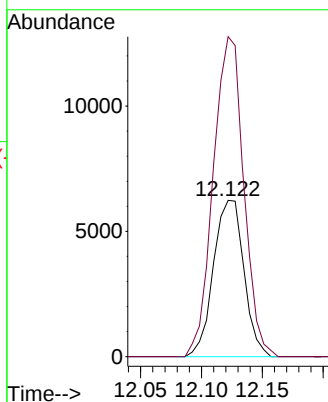
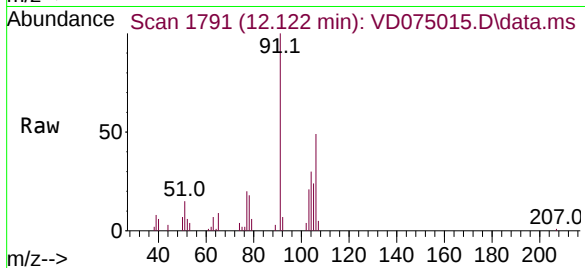
VSTDIC020

Tgt Ion:106 Resp: 10856

Ion Ratio Lower Upper

106 100

91 204.9 103.4 310.1



#70

Styrene

Concen: 17.701 ug/l

RT: 12.139 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VD075015.D

Acq: 14 Dec 2022 11:33

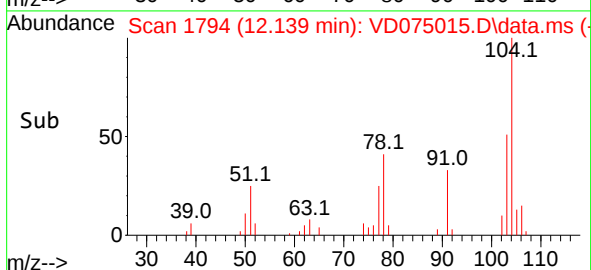
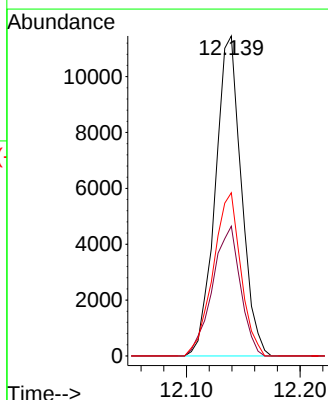
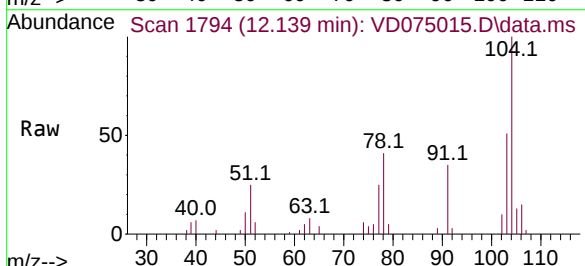
Tgt Ion:104 Resp: 18264

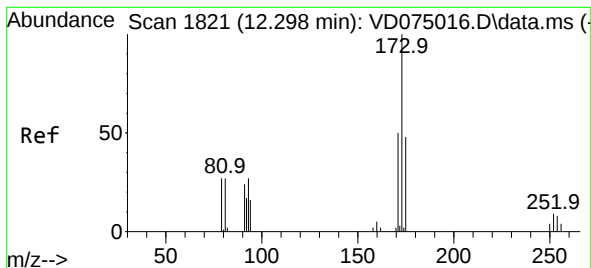
Ion Ratio Lower Upper

104 100

78 43.5 35.9 53.9

103 54.0 44.7 67.1





#71

Bromoform

Concen: 33.836 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. -0.000 min

Lab File: VD075015.D

Acq: 14 Dec 2022 11:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

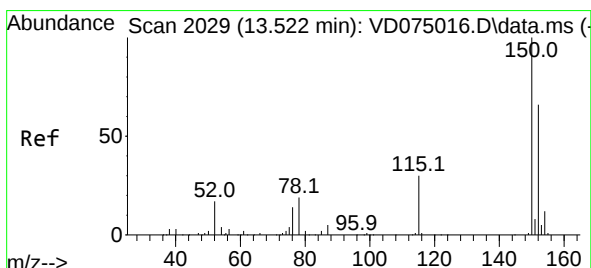
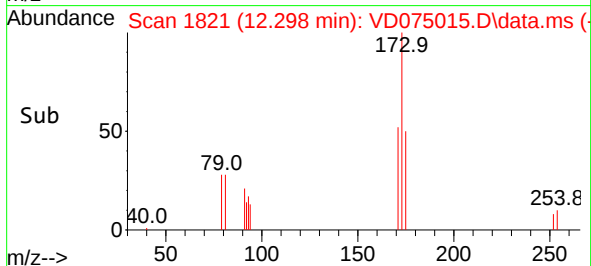
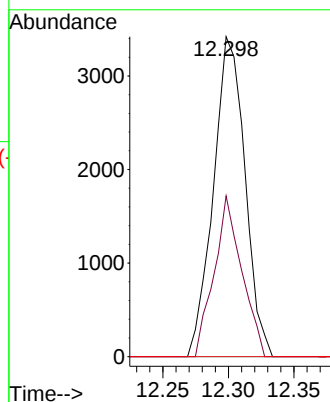
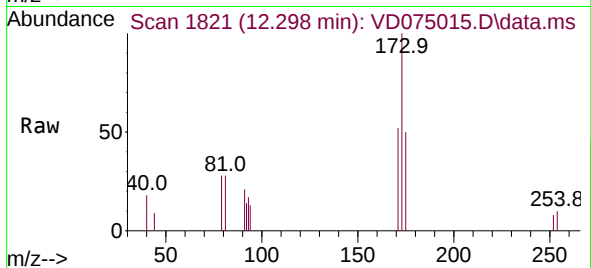
Tgt Ion:173 Resp: 5715

Ion Ratio Lower Upper

173 100

175 44.0 24.1 72.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. -0.000 min

Lab File: VD075015.D

Acq: 14 Dec 2022 11:33

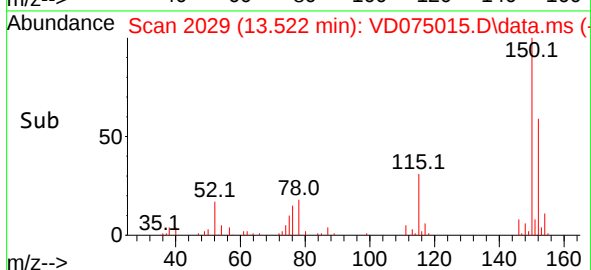
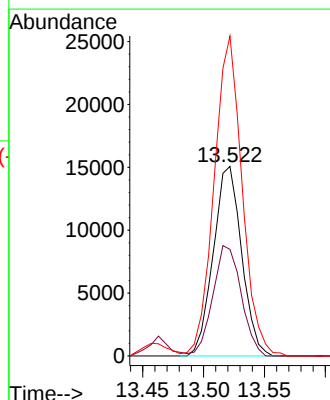
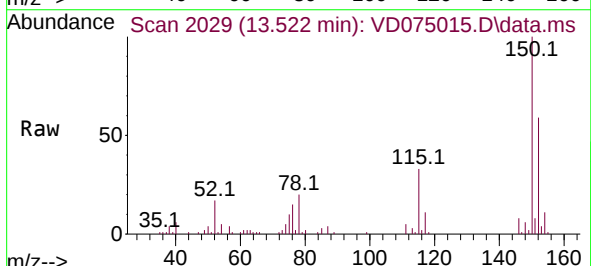
Tgt Ion:152 Resp: 24416

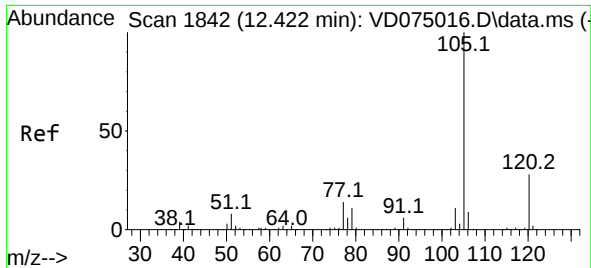
Ion Ratio Lower Upper

152 100

115 58.2 28.0 84.0

150 166.9 0.0 342.0

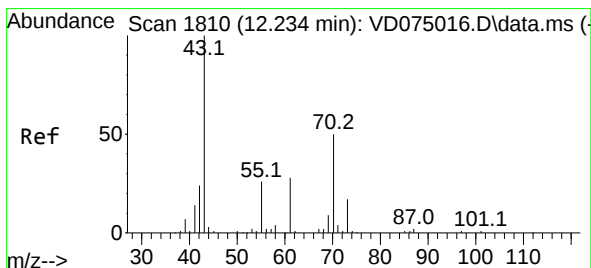
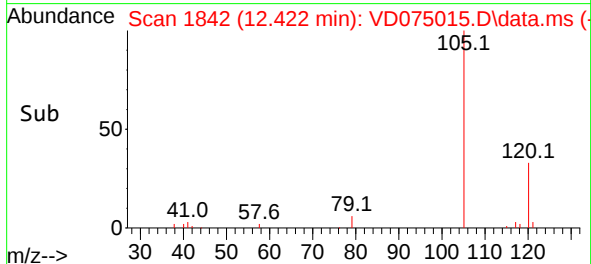
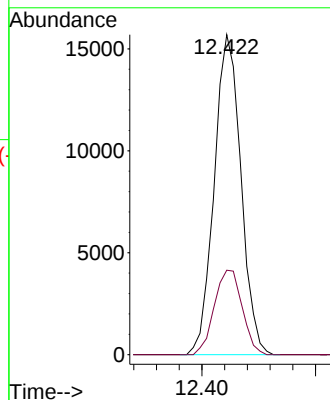
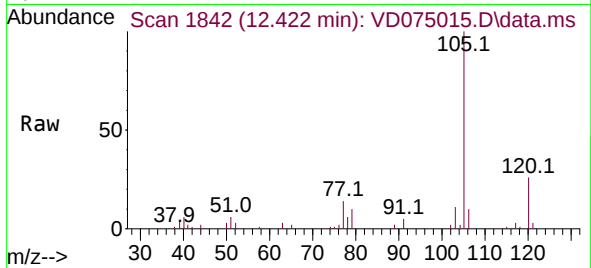




#73
Isopropylbenzene
Concen: 15.858 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD075015.D
Acq: 14 Dec 2022 11:33

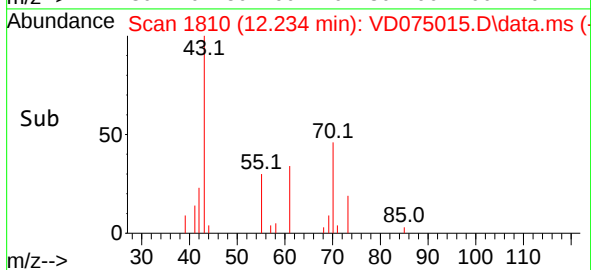
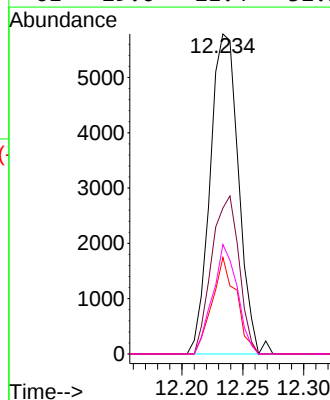
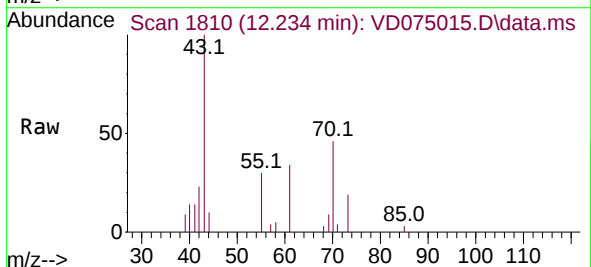
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

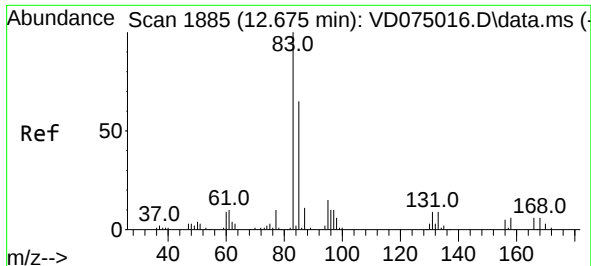
Tgt Ion:105 Resp: 25606
Ion Ratio Lower Upper
105 100
120 27.5 13.5 40.4



#74
N-ethyl acetate
Concen: 33.333 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD075015.D
Acq: 14 Dec 2022 11:33

Tgt Ion: 43 Resp: 9406
Ion Ratio Lower Upper
43 100
70 47.5 40.2 60.4
55 25.5 21.6 32.4
61 29.6 21.4 32.2

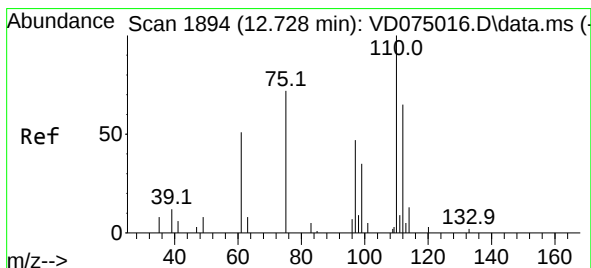
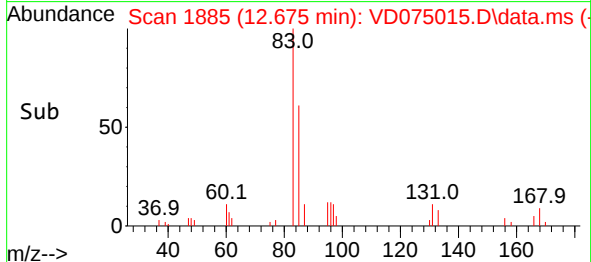
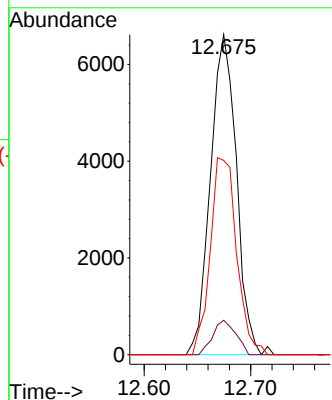
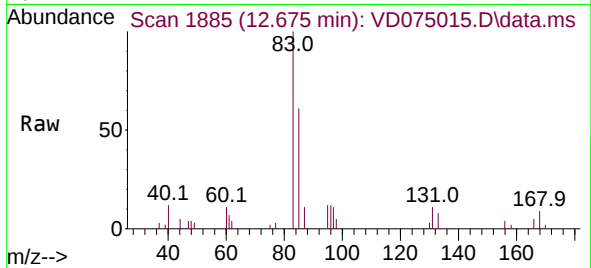




#75
1,1,2,2-Tetrachloroethane
Concen: 38.607 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD075015.D
Acq: 14 Dec 2022 11:33

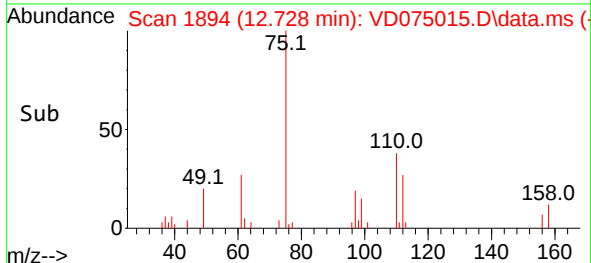
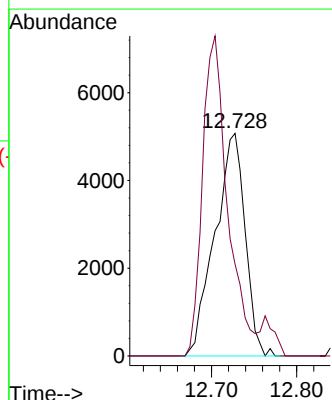
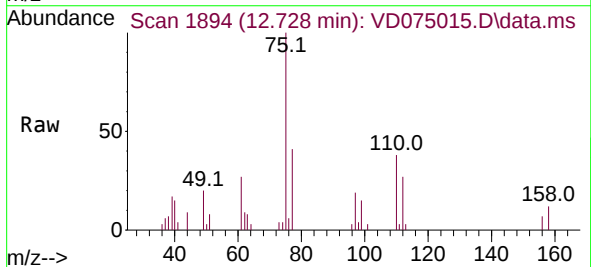
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

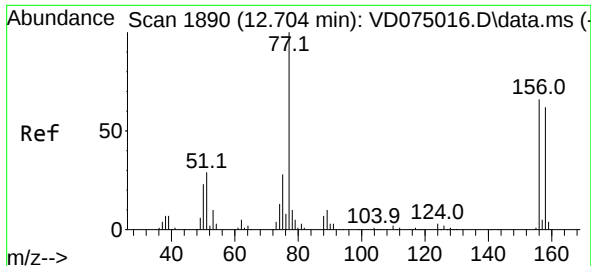
Tgt Ion: 83 Resp: 11206
Ion Ratio Lower Upper
83 100
131 9.5 5.1 15.3
85 62.5 32.5 97.4



#76
1,2,3-Trichloropropane
Concen: 58.885 ug/l
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD075015.D
Acq: 14 Dec 2022 11:33

Tgt Ion: 75 Resp: 12483
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

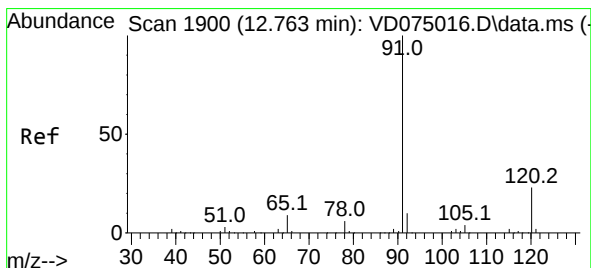
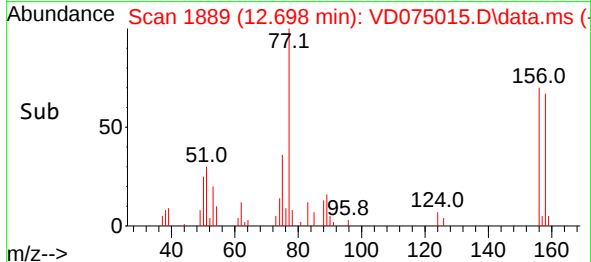
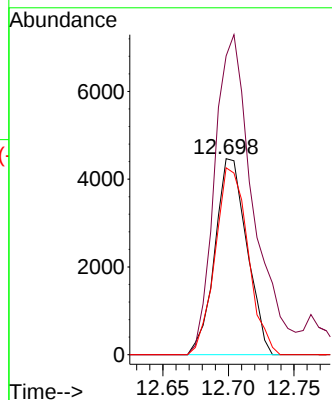
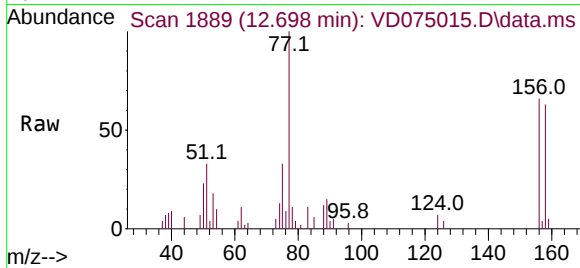




#77
Bromobenzene
Concen: 20.654 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VD075015.D
Acq: 14 Dec 2022 11:33

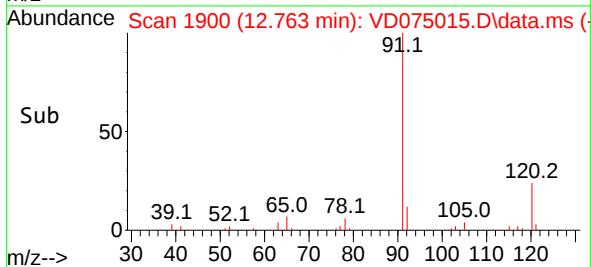
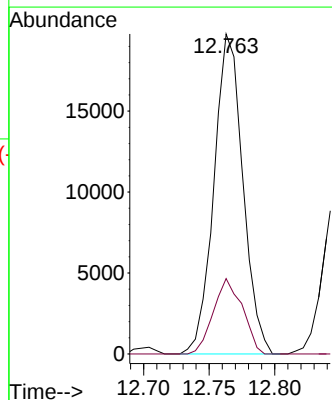
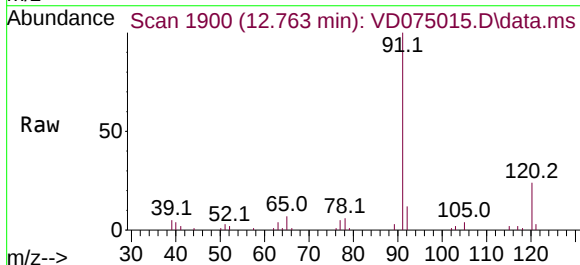
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

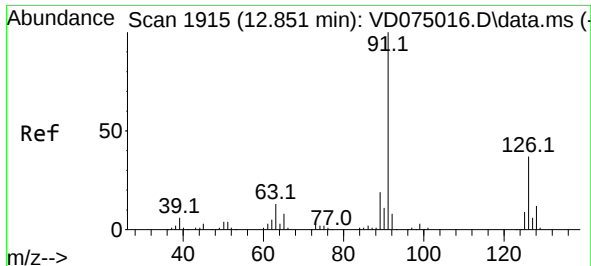
Tgt Ion:156 Resp: 7588
Ion Ratio Lower Upper
156 100
77 196.4 85.7 256.9
158 97.9 47.7 143.1



#78
n-propylbenzene
Concen: 15.337 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD075015.D
Acq: 14 Dec 2022 11:33

Tgt Ion: 91 Resp: 30321
Ion Ratio Lower Upper
91 100
120 23.7 11.6 34.8

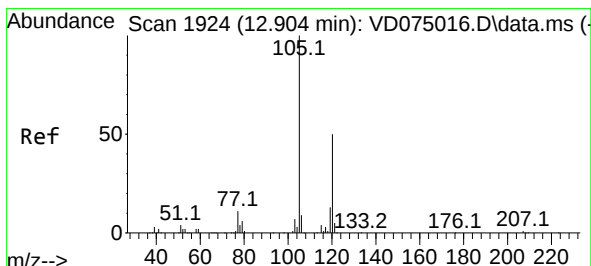
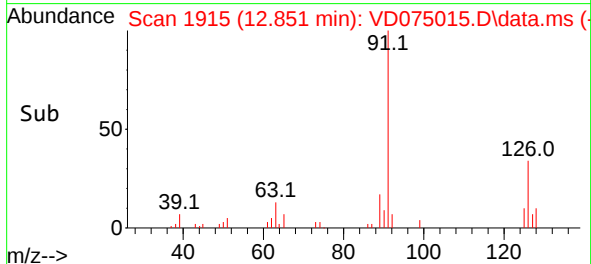
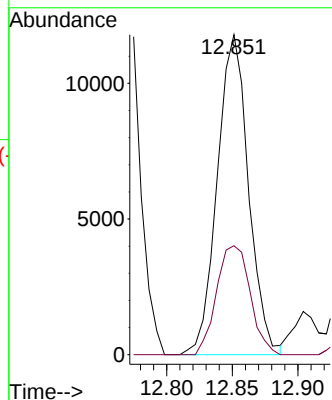
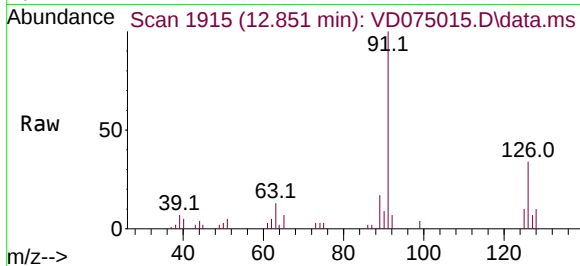




#79
2-Chlorotoluene
Concen: 18.169 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VD075015.D
Acq: 14 Dec 2022 11:33

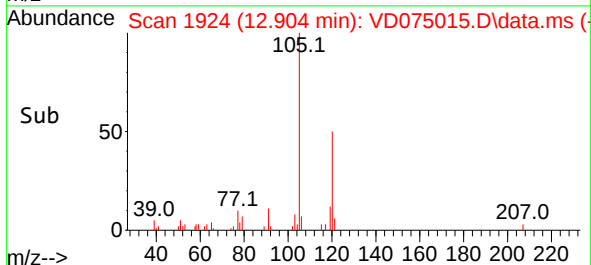
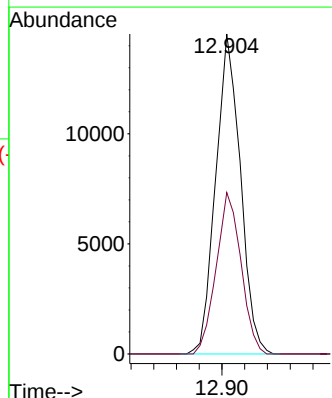
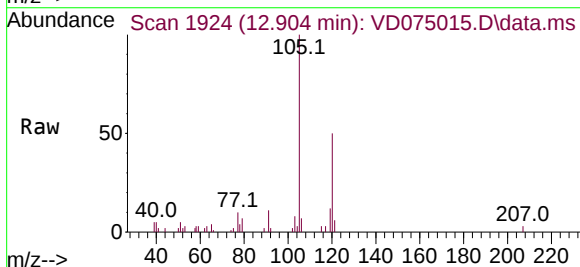
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

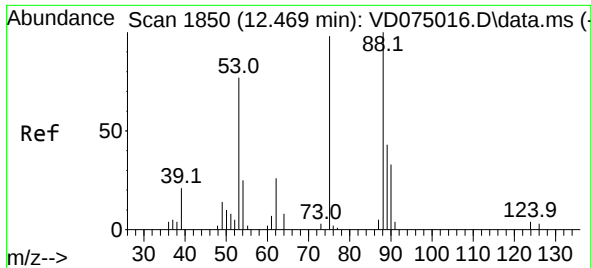
Tgt Ion: 91 Resp: 19568
Ion Ratio Lower Upper
91 100
126 36.5 17.9 53.7



#80
1,3,5-Trimethylbenzene
Concen: 16.418 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD075015.D
Acq: 14 Dec 2022 11:33

Tgt Ion: 105 Resp: 21914
Ion Ratio Lower Upper
105 100
120 50.7 25.1 75.3

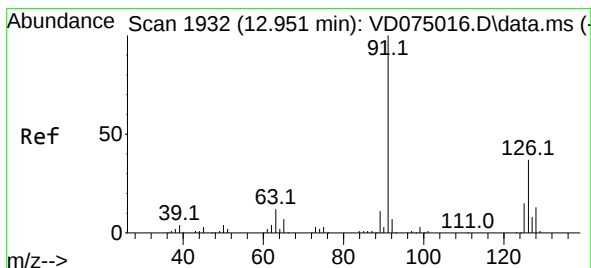
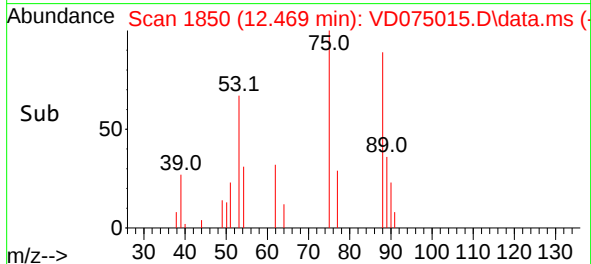
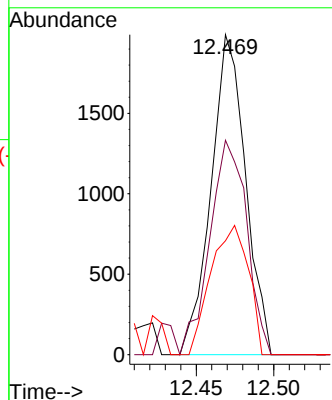
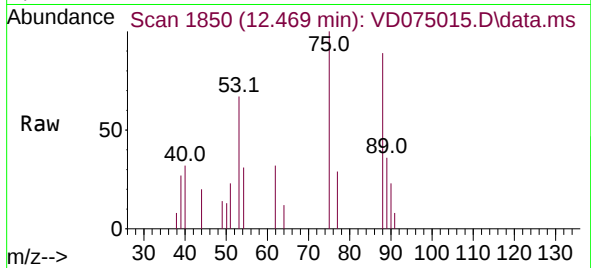




#81
trans-1,4-Dichloro-2-butene
Concen: 36.893 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD075015.D
Acq: 14 Dec 2022 11:33

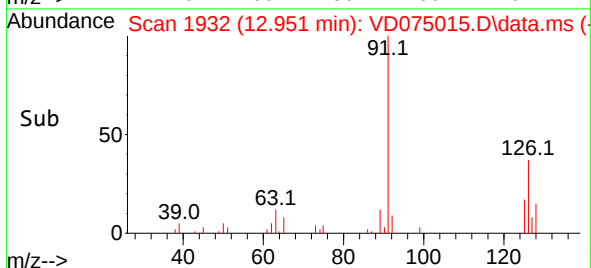
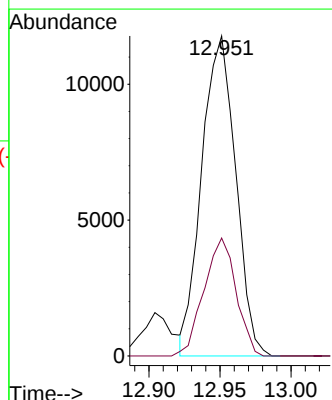
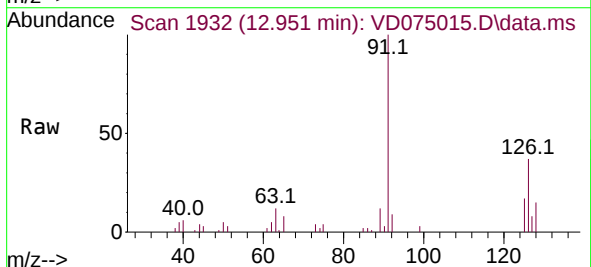
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

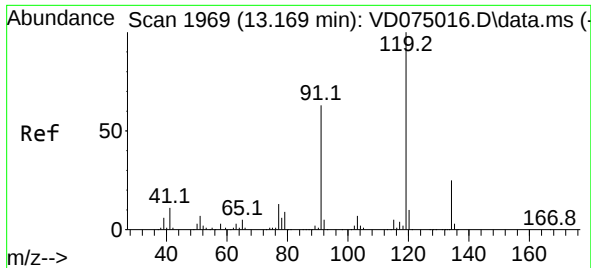
Tgt Ion: 75 Resp: 3078
Ion Ratio Lower Upper
75 100
53 71.6 61.0 91.6
89 44.1 36.9 55.3



#82
4-Chlorotoluene
Concen: 17.495 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. -0.000 min
Lab File: VD075015.D
Acq: 14 Dec 2022 11:33

Tgt Ion: 91 Resp: 19537
Ion Ratio Lower Upper
91 100
126 35.0 18.2 54.6

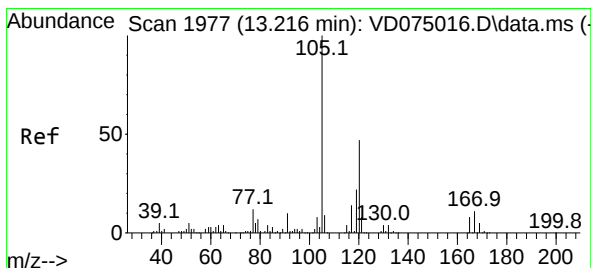
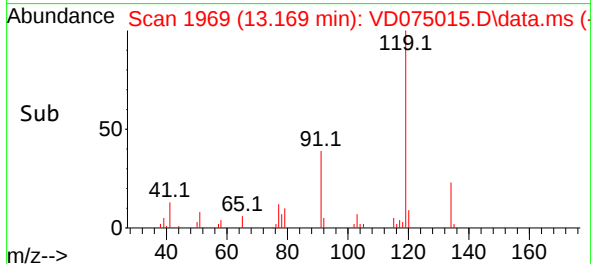
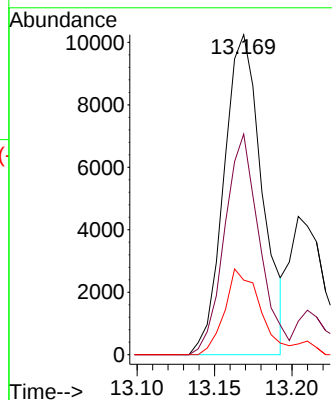
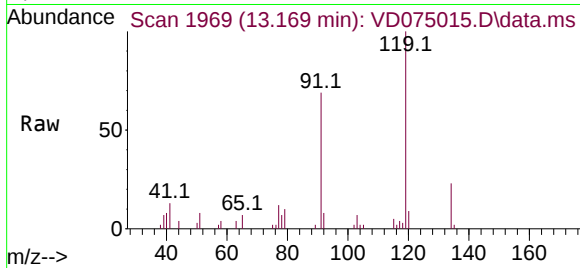




#83
tert-Butylbenzene
Concen: 15.310 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD075015.D
Acq: 14 Dec 2022 11:33

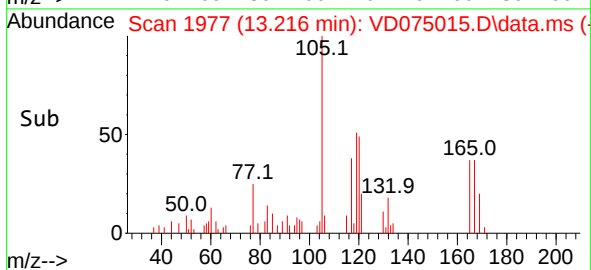
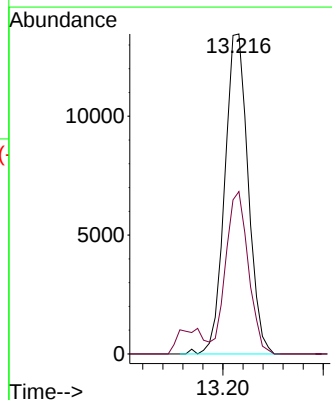
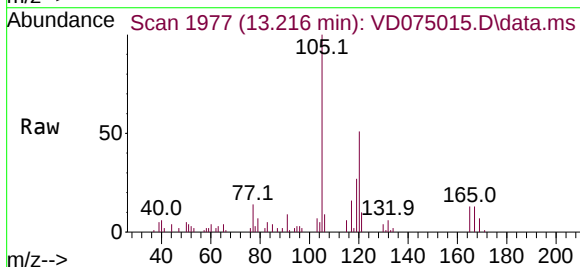
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

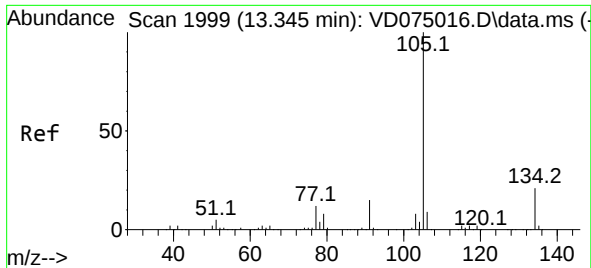
Tgt Ion:119	Resp:	17596
Ion	Ratio	Lower Upper
119	100	
91	63.2	31.4 94.0
134	24.9	13.6 40.7



#84
1,2,4-Trimethylbenzene
Concen: 16.474 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. -0.000 min
Lab File: VD075015.D
Acq: 14 Dec 2022 11:33

Tgt Ion:105	Resp:	21803
Ion	Ratio	Lower Upper
105	100	
120	49.2	23.0 69.0

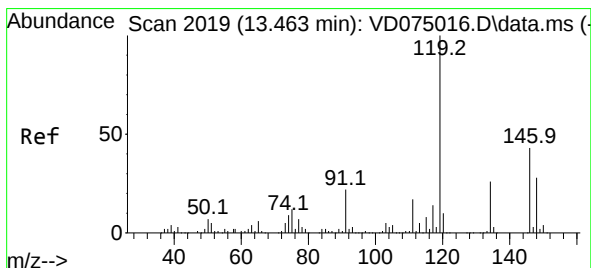
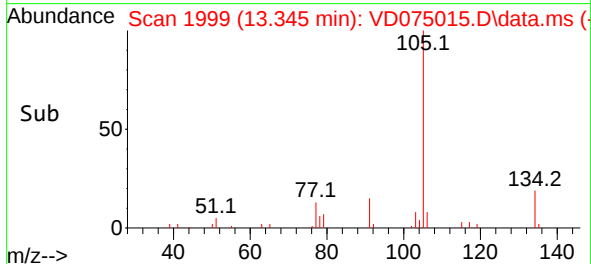
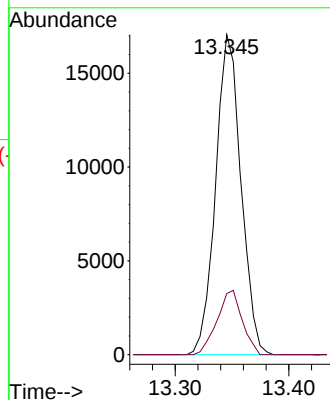
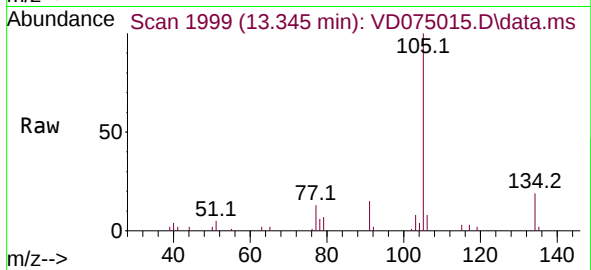




#85
 sec-Butylbenzene
 Concen: 14.787 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VD075015.D
 Acq: 14 Dec 2022 11:33

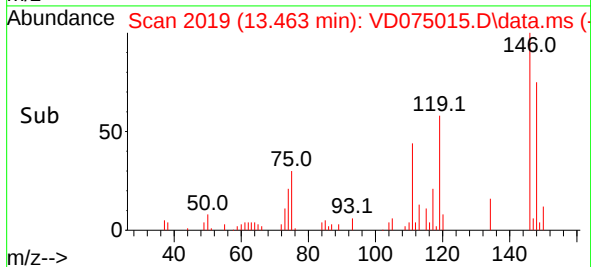
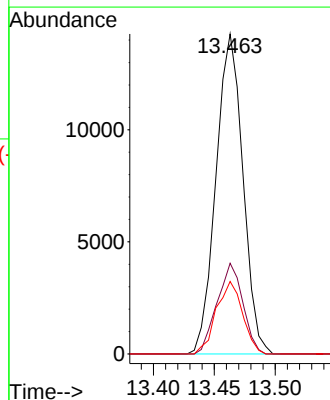
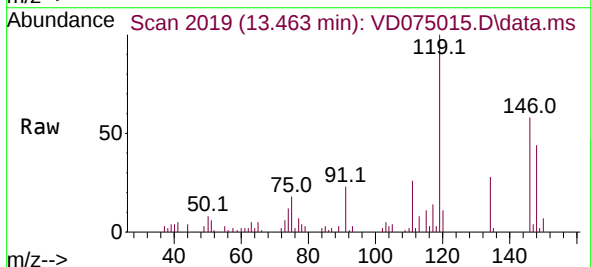
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

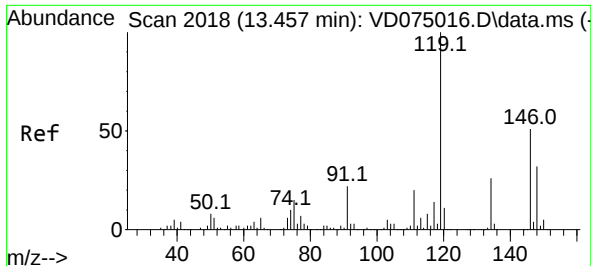
Tgt Ion:105 Resp: 26453
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 14.714 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD075015.D
 Acq: 14 Dec 2022 11:33

Tgt Ion:119 Resp: 21933
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.1 39.3
 91 22.1 11.1 33.1





#87

1,3-Dichlorobenzene

Concen: 18.923 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VD075015.D

Acq: 14 Dec 2022 11:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

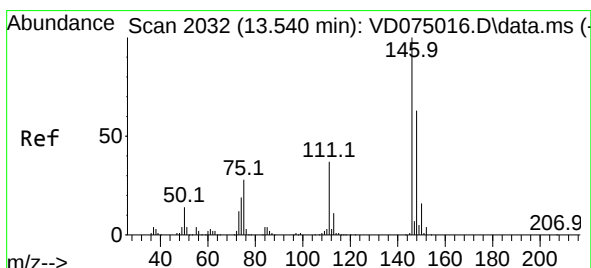
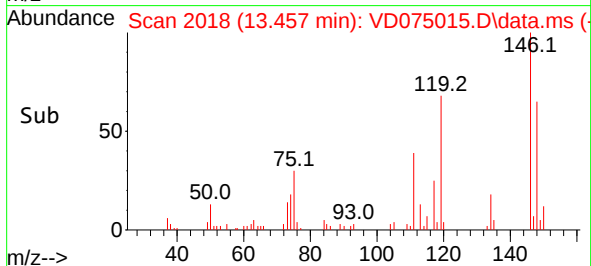
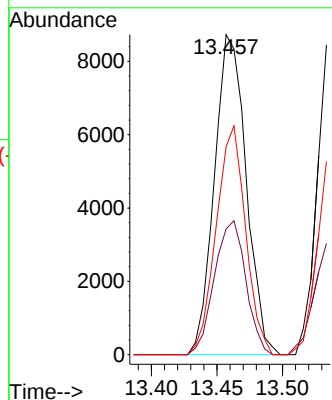
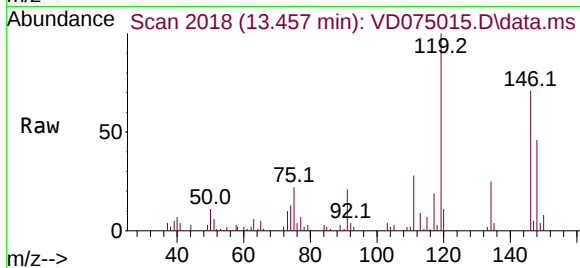
Tgt Ion:146 Resp: 14693

Ion Ratio Lower Upper

146 100

111 41.4 19.3 57.8

148 66.4 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 20.492 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VD075015.D

Acq: 14 Dec 2022 11:33

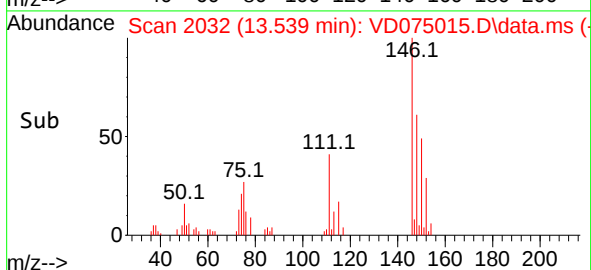
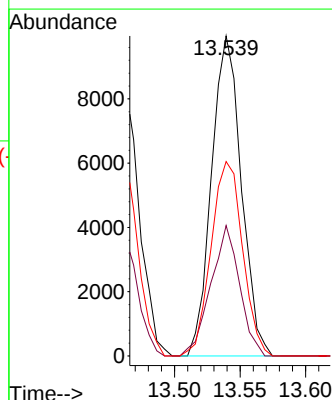
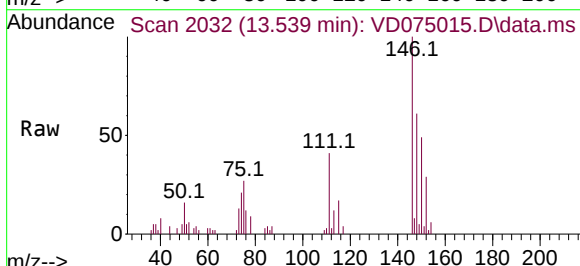
Tgt Ion:146 Resp: 15704

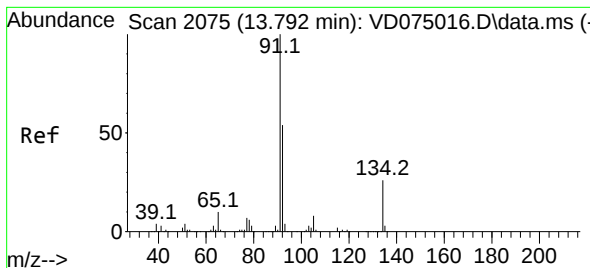
Ion Ratio Lower Upper

146 100

111 39.4 18.5 55.5

148 64.3 31.6 94.7





#89

n-Butylbenzene

Concen: 14.730 ug/l

RT: 13.786 min Scan# 2075

Delta R.T. -0.006 min

Lab File: VD075015.D

Acq: 14 Dec 2022 11:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

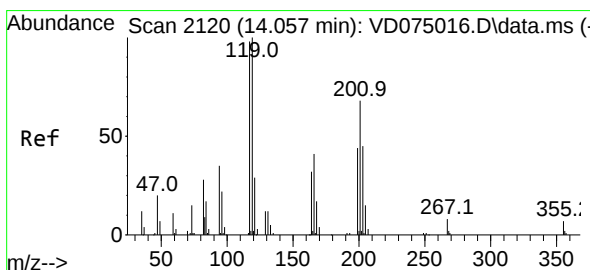
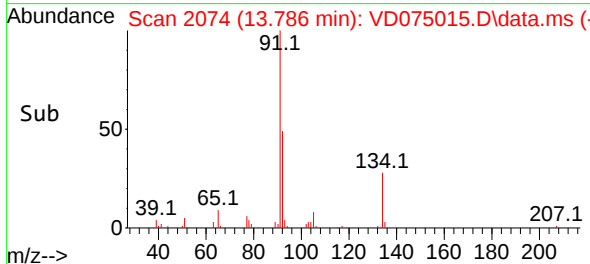
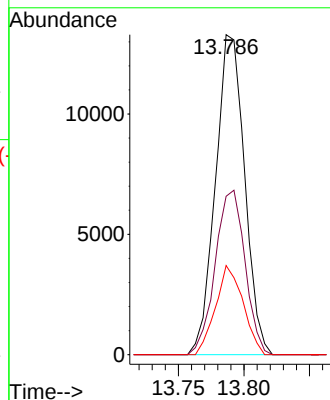
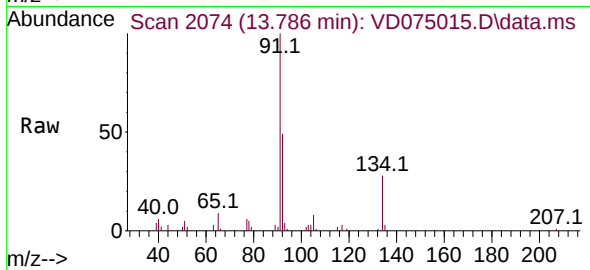
Tgt Ion: 91 Resp: 20527

Ion Ratio Lower Upper

91 100

92 52.5 26.4 79.2

134 26.3 13.1 39.3



#90

Hexachloroethane

Concen: 16.200 ug/l

RT: 14.057 min Scan# 2120

Delta R.T. -0.000 min

Lab File: VD075015.D

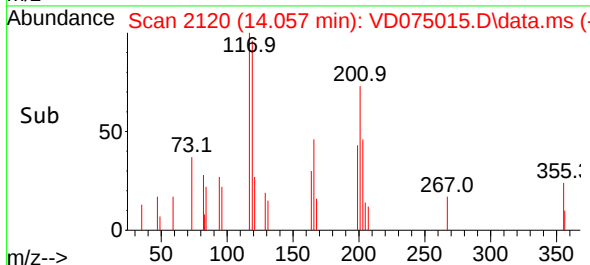
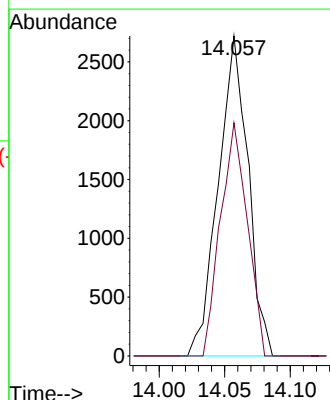
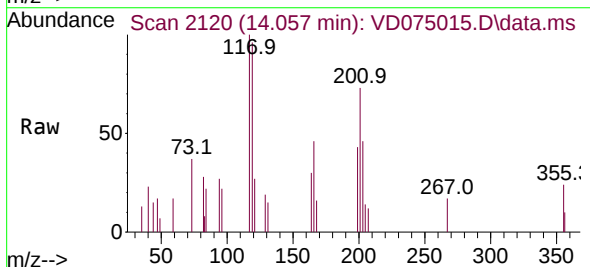
Acq: 14 Dec 2022 11:33

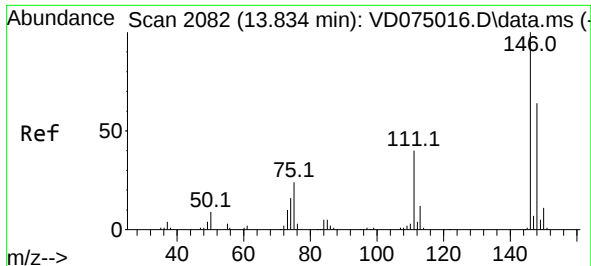
Tgt Ion: 117 Resp: 4291

Ion Ratio Lower Upper

117 100

201 65.7 34.1 102.3





#91

1,2-Dichlorobenzene

Concen: 21.526 ug/l

RT: 13.833 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD075015.D

Acq: 14 Dec 2022 11:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

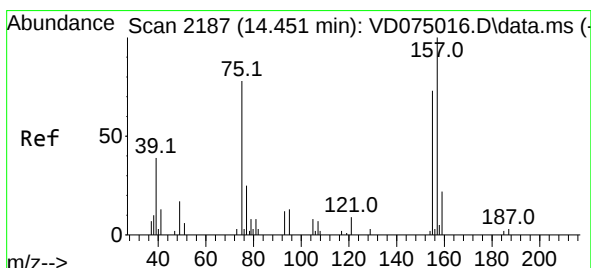
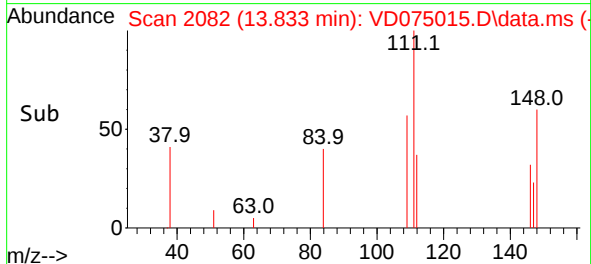
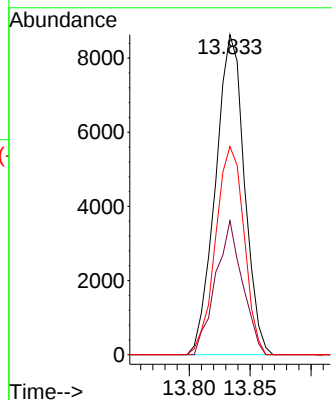
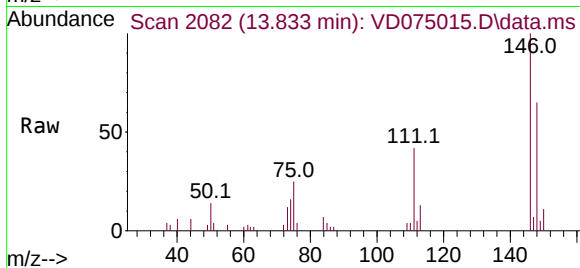
Tgt Ion:146 Resp: 14267

Ion Ratio Lower Upper

146 100

111 38.9 19.6 58.7

148 63.9 31.3 93.8



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.739 ug/l

RT: 14.451 min Scan# 2187

Delta R.T. -0.000 min

Lab File: VD075015.D

Acq: 14 Dec 2022 11:33

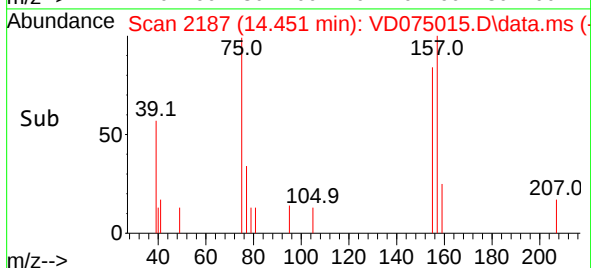
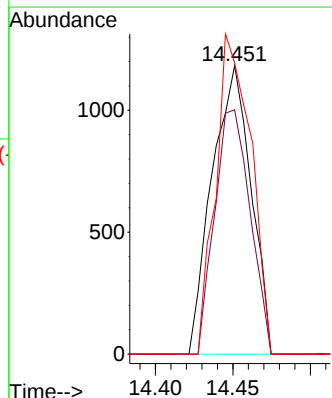
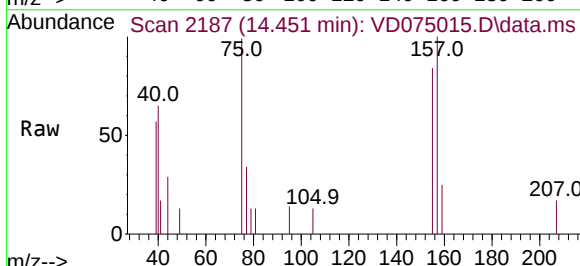
Tgt Ion: 75 Resp: 2066

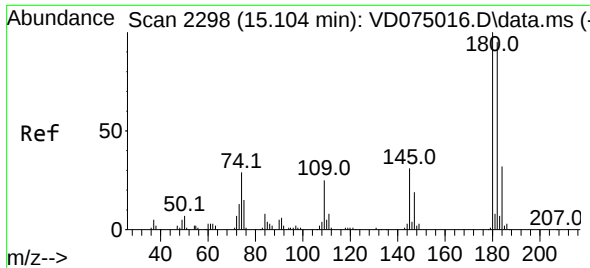
Ion Ratio Lower Upper

75 100

155 77.2 47.6 142.9

157 100.0 60.5 181.4

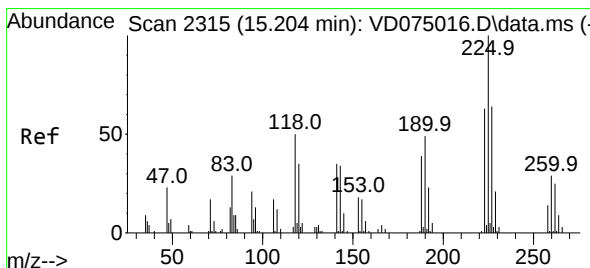
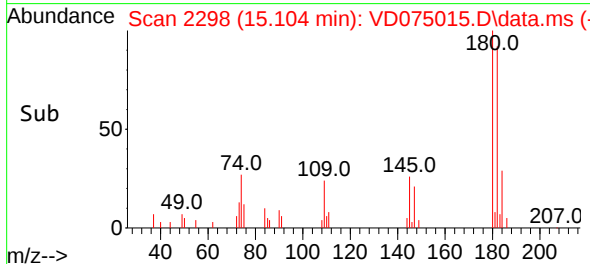
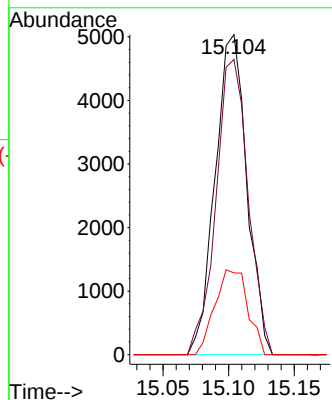
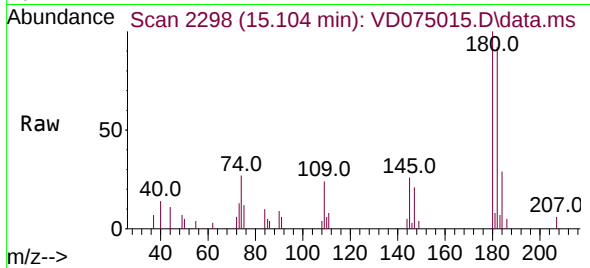




#93
 1,2,4-Trichlorobenzene
 Concen: 20.759 ug/l
 RT: 15.104 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD075015.D
 Acq: 14 Dec 2022 11:33

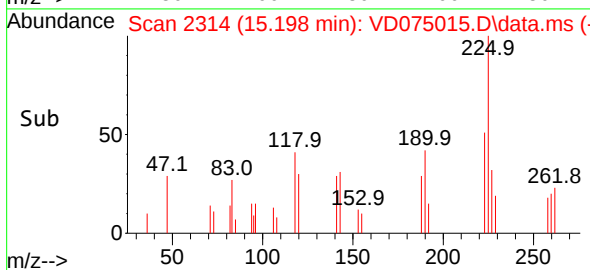
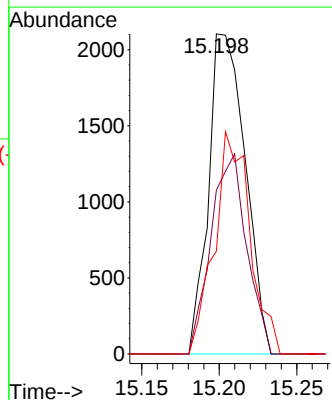
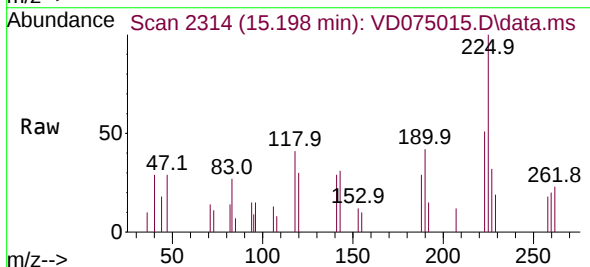
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

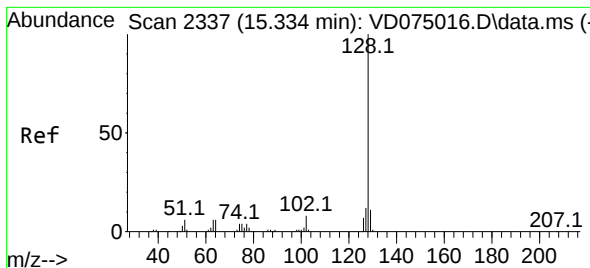
Tgt Ion:	180	Resp:	8480
Ion Ratio	Lower	Upper	
180	100		
182	93.6	47.1	141.4
145	27.5	14.8	44.4



#94
 Hexachlorobutadiene
 Concen: 16.529 ug/l
 RT: 15.198 min Scan# 2314
 Delta R.T. -0.006 min
 Lab File: VD075015.D
 Acq: 14 Dec 2022 11:33

Tgt Ion:	225	Resp:	3477
Ion Ratio	Lower	Upper	
225	100		
223	60.8	32.3	96.9
227	67.0	31.8	95.4





#95

Naphthalene

Concen: 31.850 ug/l

RT: 15.333 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD075015.D

Acq: 14 Dec 2022 11:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

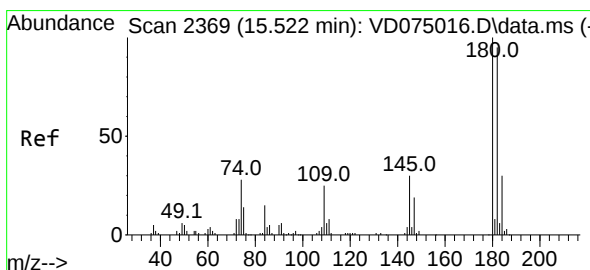
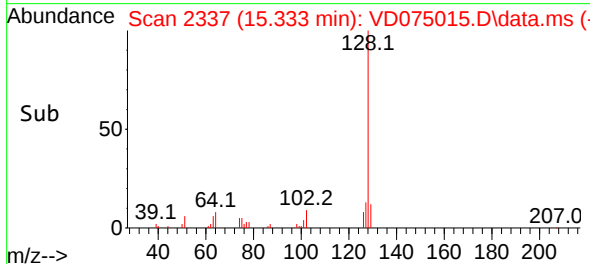
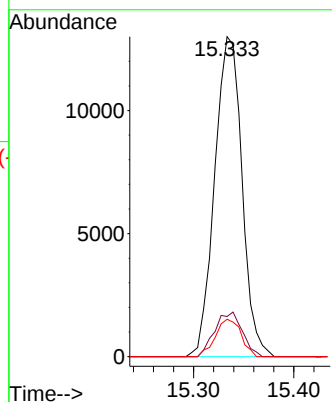
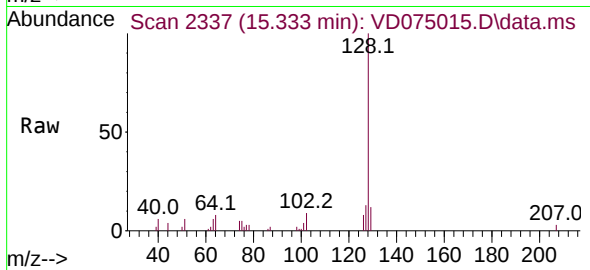
Tgt Ion:128 Resp: 24608

Ion Ratio Lower Upper

128 100

127 14.1 10.2 15.4

129 11.0 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 23.249 ug/l

RT: 15.528 min Scan# 2370

Delta R.T. 0.006 min

Lab File: VD075015.D

Acq: 14 Dec 2022 11:33

Tgt Ion:180 Resp: 8055

Ion Ratio Lower Upper

180 100

182 97.1 47.6 142.8

145 31.8 15.8 47.4

