

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061423\
 Data File : VD076427.D
 Acq On : 14 Jun 2023 19:34
 Operator : KP/SY
 Sample : 03222-24
 Misc : 7.18G/5.04ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 15 05:36:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061223S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 13 02:01:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	164646	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	284486	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	258488	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	122819	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	92980	48.893	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.780%
35) Dibromofluoromethane	7.805	113	96692	52.588	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.180%
50) Toluene-d8	10.269	98	365765	52.494	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.980%
62) 4-Bromofluorobenzene	12.575	95	118822	49.709	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.420%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	72661	49.411	ug/l	99
3) Chloromethane	2.146	50	149449	53.672	ug/l	99
4) Vinyl Chloride	2.275	62	159796	59.973	ug/l	97
5) Bromomethane	2.681	94	87581	62.730	ug/l	97
6) Chloroethane	2.828	64	103456	64.478	ug/l	98
7) Trichlorofluoromethane	3.169	101	137751	51.376	ug/l	99
8) Diethyl Ether	3.593	74	49457	51.344	ug/l	60
9) 1,1,2-Trichlorotrifluo...	3.958	101	87518	54.288	ug/l	97
10) Methyl Iodide	4.158	142	110971	53.531	ug/l	94
11) Tert butyl alcohol	5.052	59	38358	241.281	ug/l	97
12) 1,1-Dichloroethene	3.934	96	87680	53.330	ug/l #	83
13) Acrolein	3.799	56	38302	210.042	ug/l	97
14) Allyl chloride	4.558	41	158789	49.385	ug/l #	86
15) Acrylonitrile	5.246	53	131684	268.687	ug/l	99
16) Acetone	4.022	43	100094	239.425	ug/l #	80
17) Carbon Disulfide	4.264	76	241840	51.197	ug/l	99
18) Methyl Acetate	4.564	43	100107	52.521	ug/l #	81
19) Methyl tert-butyl Ether	5.322	73	233596	51.206	ug/l	98
20) Methylene Chloride	4.787	84	109658	50.301	ug/l #	77
21) trans-1,2-Dichloroethene	5.305	96	98841	51.734	ug/l	86
22) Diisopropyl ether	6.216	45	342442	52.317	ug/l #	92
23) Vinyl Acetate	6.152	43	873400	310.686	ug/l #	86
24) 1,1-Dichloroethane	6.110	63	187663	51.581	ug/l	96
25) 2-Butanone	7.081	43	166047	253.949	ug/l #	78
26) 2,2-Dichloropropane	7.075	77	154761	47.243	ug/l	93
27) cis-1,2-Dichloroethene	7.075	96	117341	51.592	ug/l	85
28) Bromochloromethane	7.422	49	48320	47.852	ug/l #	70
29) Tetrahydrofuran	7.440	42	109637	262.821	ug/l #	76
30) Chloroform	7.593	83	182530	50.337	ug/l	98
31) Cyclohexane	7.875	56	156833	51.542	ug/l #	80
32) 1,1,1-Trichloroethane	7.793	97	153882	49.690	ug/l	98
36) 1,1-Dichloropropene	8.005	75	133756	49.840	ug/l	97
37) Ethyl Acetate	7.169	43	76031	53.862	ug/l #	90
38) Carbon Tetrachloride	7.987	117	122877	49.315	ug/l	97
39) Methylcyclohexane	9.275	83	160624	51.980	ug/l #	86
40) Benzene	8.252	78	410923	52.669	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061423\
 Data File : VD076427.D
 Acq On : 14 Jun 2023 19:34
 Operator : KP/SY
 Sample : 03222-24
 Misc : 7.18G/5.04ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDC0050EC

Quant Time: Jun 15 05:36:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061223S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 13 02:01:34 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	45941	50.874	ug/l #	76
42) 1,2-Dichloroethane	8.322	62	113571	48.883	ug/l	92
43) Isopropyl Acetate	8.357	43	151665	51.246	ug/l #	83
44) Trichloroethene	9.028	130	108348	51.228	ug/l	92
45) 1,2-Dichloropropane	9.304	63	111763	53.897	ug/l	97
46) Dibromomethane	9.393	93	59802	52.257	ug/l	94
47) Bromodichloromethane	9.587	83	143864	50.749	ug/l #	96
48) Methyl methacrylate	9.381	41	68775	48.485	ug/l #	70
49) 1,4-Dioxane	9.387	88	14622	1076.916	ug/l #	76
51) 4-Methyl-2-Pentanone	10.157	43	387745	263.781	ug/l #	83
52) Toluene	10.334	92	257041	52.115	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	145118	50.050	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	171408	51.406	ug/l #	79
55) 1,1,2-Trichloroethane	10.734	97	81397	53.252	ug/l	92
56) Ethyl methacrylate	10.598	69	109843	51.745	ug/l #	70
57) 1,3-Dichloropropane	10.881	76	140280	52.756	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	229760	265.722	ug/l	90
59) 2-Hexanone	10.922	43	267175	259.299	ug/l	81
60) Dibromochloromethane	11.075	129	97709	51.663	ug/l	96
61) 1,2-Dibromoethane	11.181	107	77315	52.136	ug/l	98
64) Tetrachloroethene	10.810	164	89831	50.621	ug/l	92
65) Chlorobenzene	11.610	112	278090	51.902	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	100210	50.020	ug/l	98
67) Ethyl Benzene	11.687	91	503208	50.992	ug/l	95
68) m/p-Xylenes	11.793	106	384530	102.984	ug/l	90
69) o-Xylene	12.122	106	186934	52.117	ug/l	92
70) Styrene	12.134	104	318451	52.038	ug/l	96
71) Bromoform	12.298	173	59568	50.977	ug/l #	99
73) Isopropylbenzene	12.422	105	474805	51.118	ug/l	97
74) N-amyl acetate	12.234	43	142222	50.209	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	12.675	83	99505	54.250	ug/l	96
76) 1,2,3-Trichloropropane	12.728	75	118784	103.452	ug/l #	100
77) Bromobenzene	12.704	156	114846	52.405	ug/l	90
78) n-propylbenzene	12.763	91	585333	51.700	ug/l	96
79) 2-Chlorotoluene	12.851	91	319715	49.903	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	386045	49.794	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	31283	48.780	ug/l	91
82) 4-Chlorotoluene	12.951	91	326875	48.721	ug/l	94
83) tert-Butylbenzene	13.169	119	345288	51.899	ug/l	95
84) 1,2,4-Trimethylbenzene	13.210	105	390131	50.932	ug/l	96
85) sec-Butylbenzene	13.345	105	507685	51.846	ug/l	98
86) p-Isopropyltoluene	13.463	119	424455	51.478	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	222292	52.412	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	218846	52.213	ug/l	98
89) n-Butylbenzene	13.787	91	409036	51.632	ug/l	99
90) Hexachloroethane	14.057	117	78925	51.870	ug/l	96
91) 1,2-Dichlorobenzene	13.834	146	194997	52.278	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	14272	47.367	ug/l	96
93) 1,2,4-Trichlorobenzene	15.104	180	128551	51.493	ug/l	96
94) Hexachlorobutadiene	15.204	225	64599	51.434	ug/l	99
95) Naphthalene	15.334	128	262859	52.435	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	112277	52.073	ug/l	99

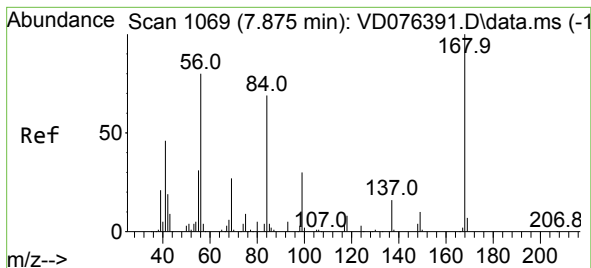
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061423\
Data File : VD076427.D
Acq On : 14 Jun 2023 19:34
Operator : KP/SY
Sample : 03222-24
Misc : 7.18G/5.04ml/MSVOA_D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Quant Time: Jun 15 05:36:25 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061223S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 13 02:01:34 2023
Response via : Initial Calibration

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

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD076427.D

Acq: 14 Jun 2023 19:34

Instrument :

MSVOA_D

ClientSampleId :

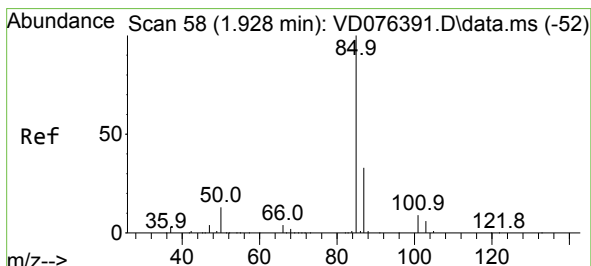
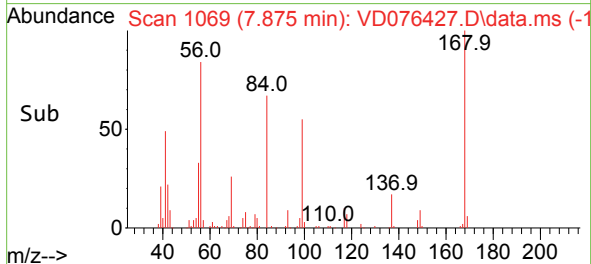
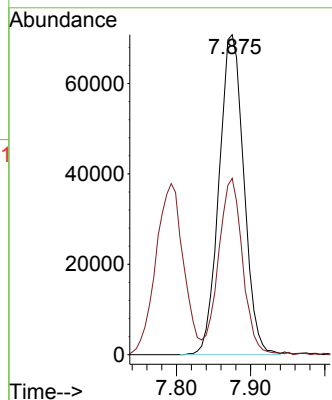
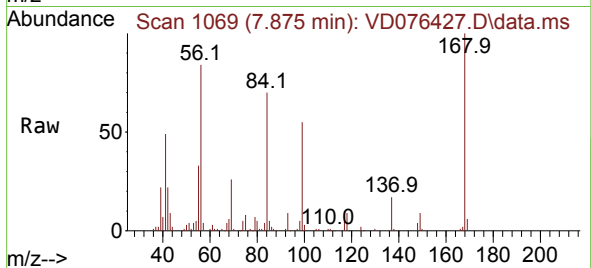
VSTDC050EC

Tgt Ion:168 Resp: 164646

Ion Ratio Lower Upper

168 100

99 54.6 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 49.411 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.006 min

Lab File: VD076427.D

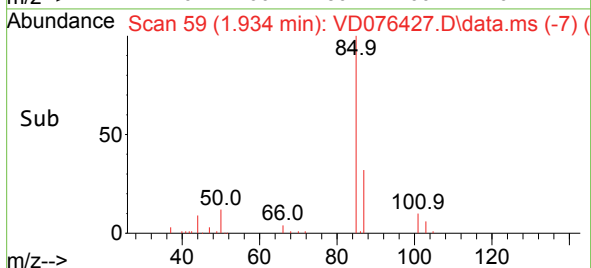
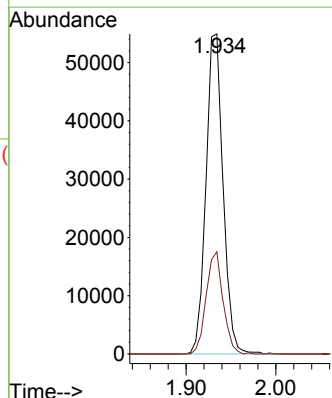
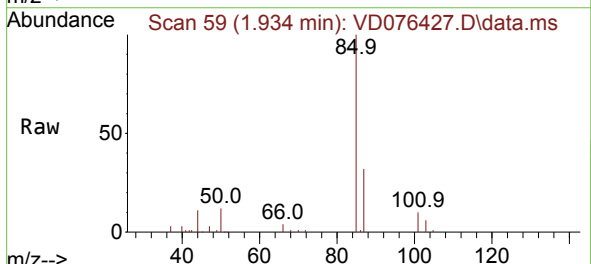
Acq: 14 Jun 2023 19:34

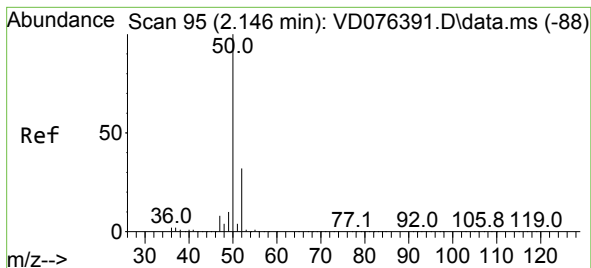
Tgt Ion: 85 Resp: 72661

Ion Ratio Lower Upper

85 100

87 32.0 15.7 47.0





#3

Chloromethane

Concen: 53.672 ug/l

RT: 2.146 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD076427.D

Acq: 14 Jun 2023 19:34

Instrument :

MSVOA_D

ClientSampleId :

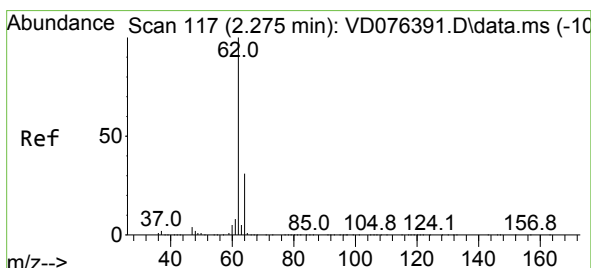
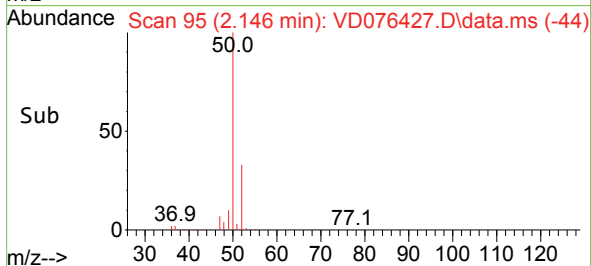
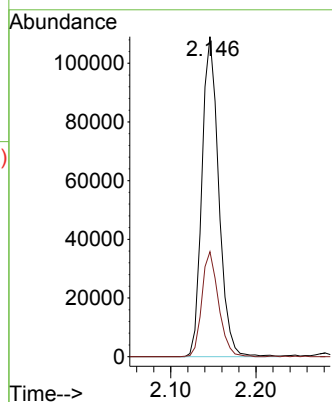
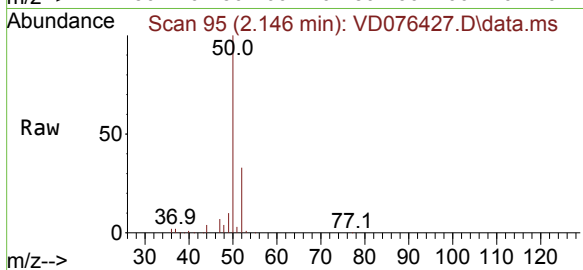
VSTDCCC050EC

Tgt Ion: 50 Resp: 149449

Ion Ratio Lower Upper

50 100

52 32.8 26.6 40.0



#4

Vinyl Chloride

Concen: 59.973 ug/l

RT: 2.275 min Scan# 117

Delta R.T. 0.000 min

Lab File: VD076427.D

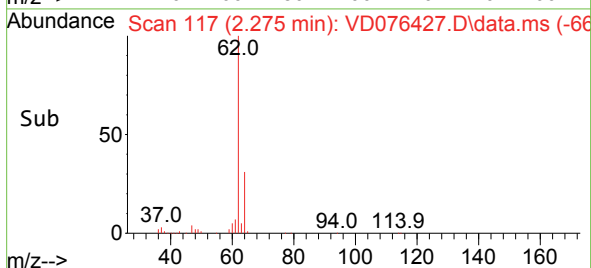
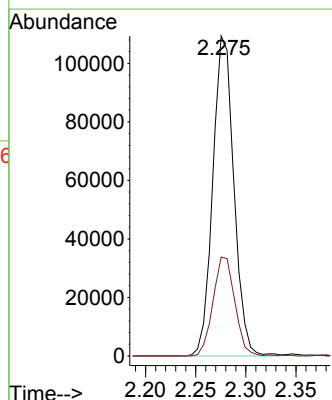
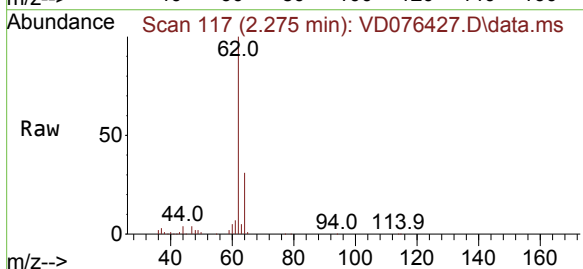
Acq: 14 Jun 2023 19:34

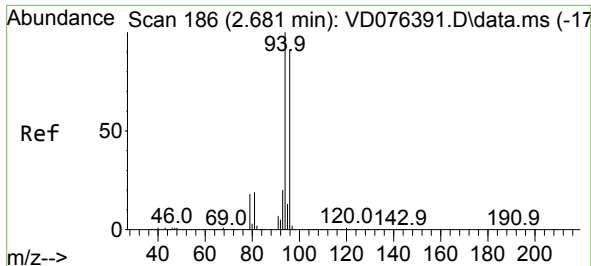
Tgt Ion: 62 Resp: 159796

Ion Ratio Lower Upper

62 100

64 30.9 26.0 39.0

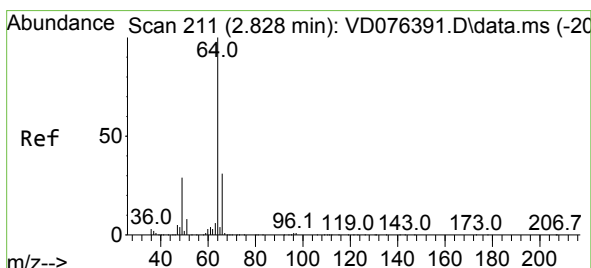
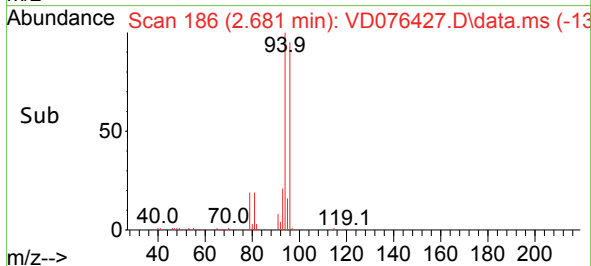
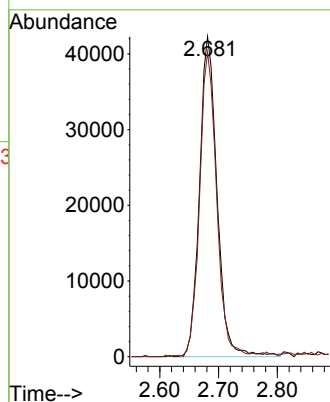
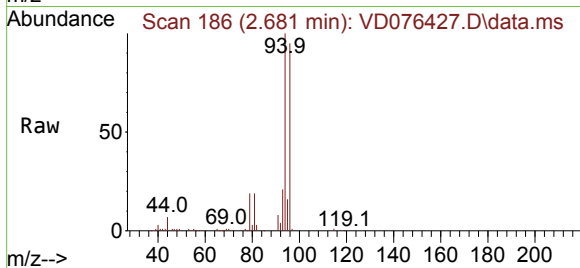




#5
Bromomethane
Concen: 62.730 ug/l
RT: 2.681 min Scan# 186
Delta R.T. 0.000 min
Lab File: VD076427.D
Acq: 14 Jun 2023 19:34

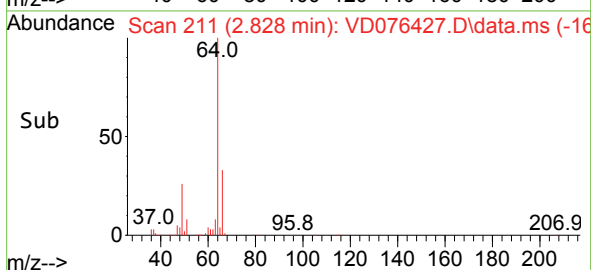
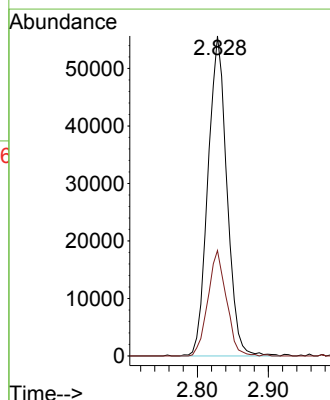
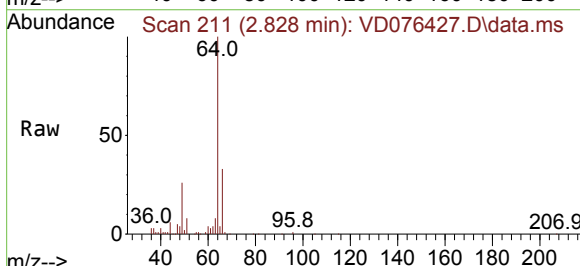
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

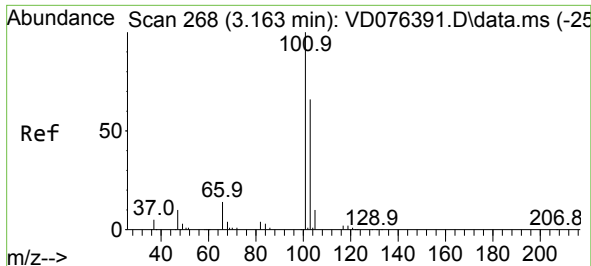
Tgt Ion: 94 Resp: 87581
Ion Ratio Lower Upper
94 100
96 92.3 75.8 113.8



#6
Chloroethane
Concen: 64.478 ug/l
RT: 2.828 min Scan# 211
Delta R.T. 0.000 min
Lab File: VD076427.D
Acq: 14 Jun 2023 19:34

Tgt Ion: 64 Resp: 103456
Ion Ratio Lower Upper
64 100
66 33.0 25.5 38.3

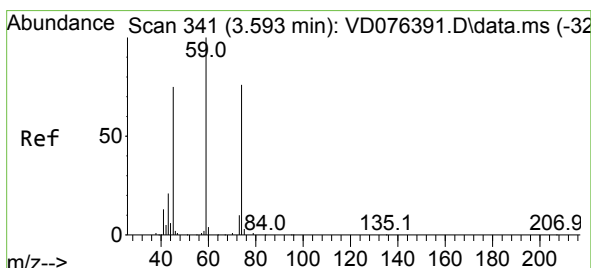
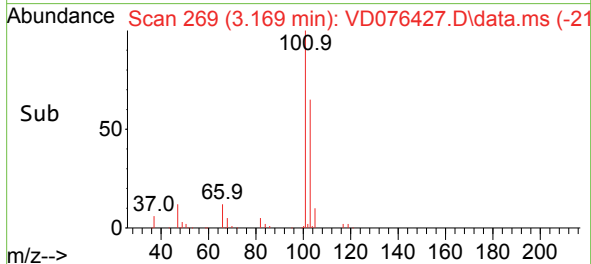
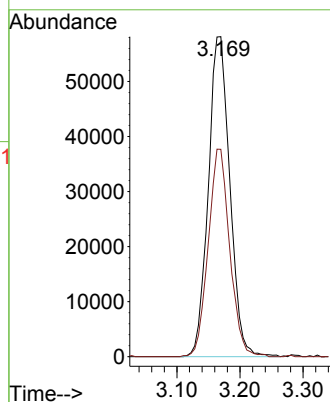
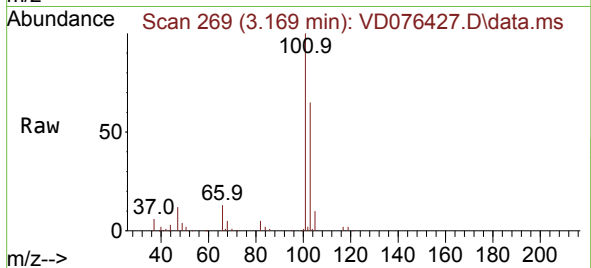




#7
Trichlorofluoromethane
Concen: 51.376 ug/l
RT: 3.169 min Scan# 268
Delta R.T. 0.006 min
Lab File: VD076427.D
Acq: 14 Jun 2023 19:34

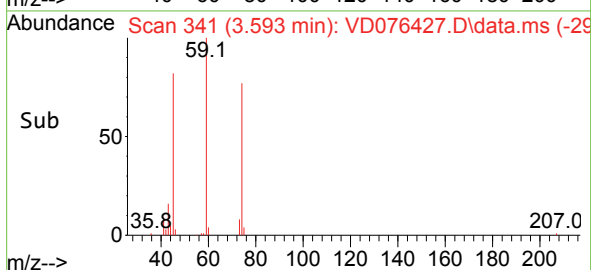
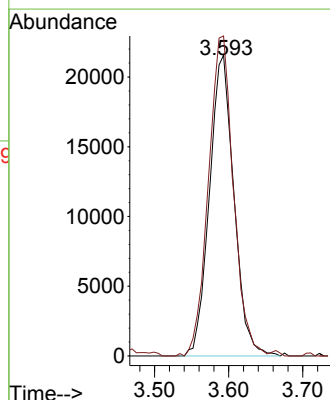
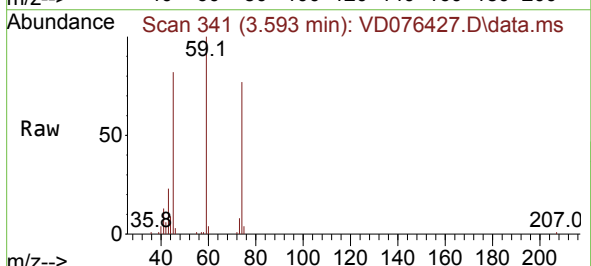
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

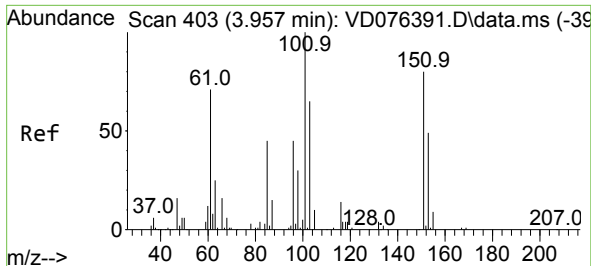
Tgt Ion:101 Resp: 137751
Ion Ratio Lower Upper
101 100
103 64.8 52.3 78.5



#8
Diethyl Ether
Concen: 51.344 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD076427.D
Acq: 14 Jun 2023 19:34

Tgt Ion: 74 Resp: 49457
Ion Ratio Lower Upper
74 100
45 108.9 37.5 112.7

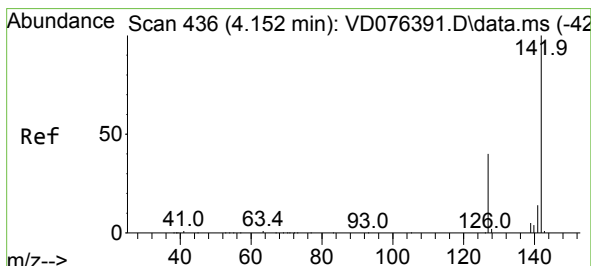
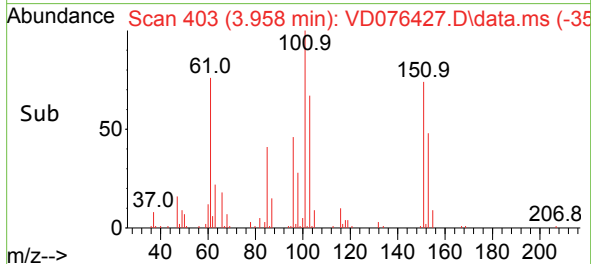
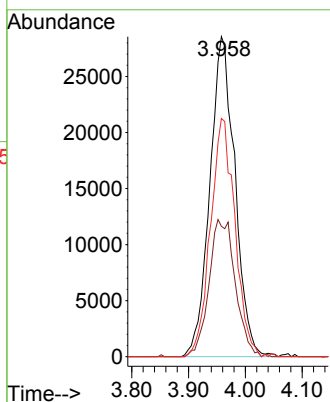
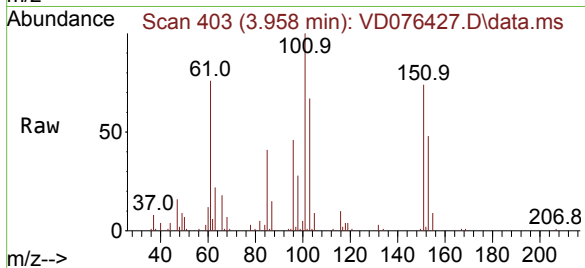




#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.288 ug/l
RT: 3.958 min Scan# 403
Delta R.T. 0.000 min
Lab File: VD076427.D
Acq: 14 Jun 2023 19:34

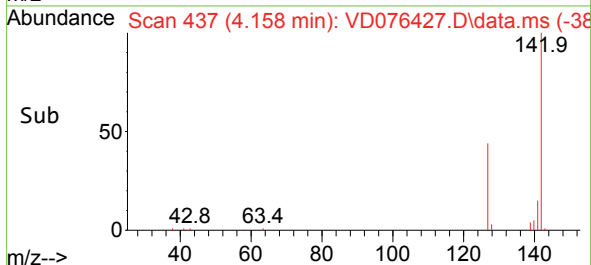
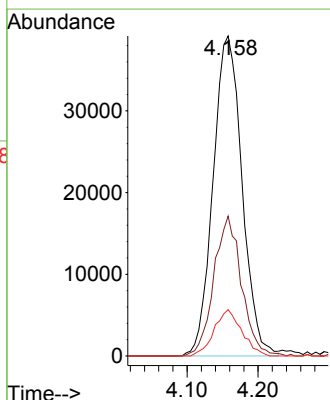
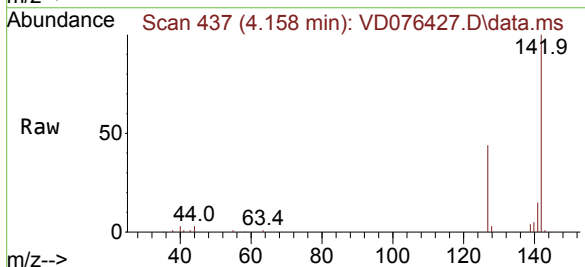
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

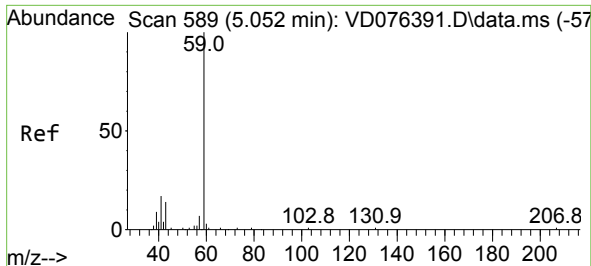
Tgt Ion:101 Resp: 87518
Ion Ratio Lower Upper
101 100
85 45.0 33.8 50.6
151 72.5 59.8 89.6



#10
Methyl Iodide
Concen: 53.531 ug/l
RT: 4.158 min Scan# 437
Delta R.T. 0.006 min
Lab File: VD076427.D
Acq: 14 Jun 2023 19:34

Tgt Ion:142 Resp: 110971
Ion Ratio Lower Upper
142 100
127 41.8 29.4 44.0
141 13.8 11.1 16.7

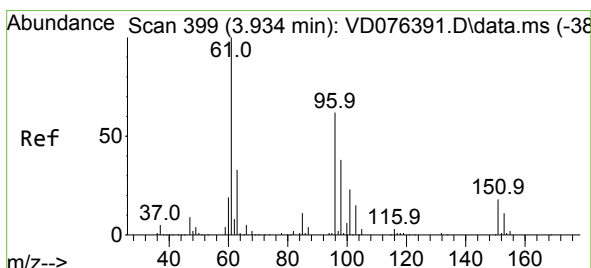
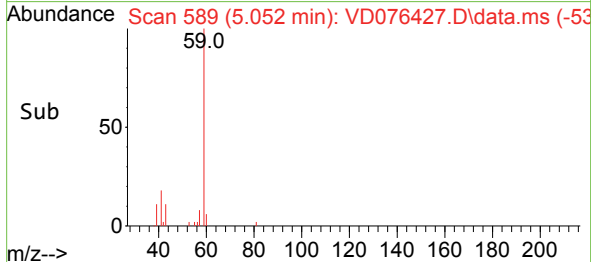
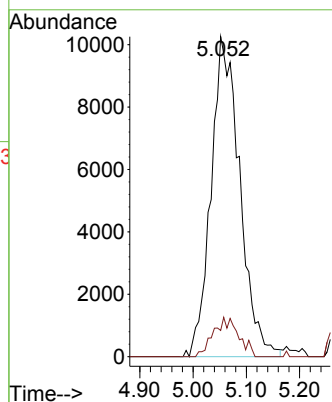
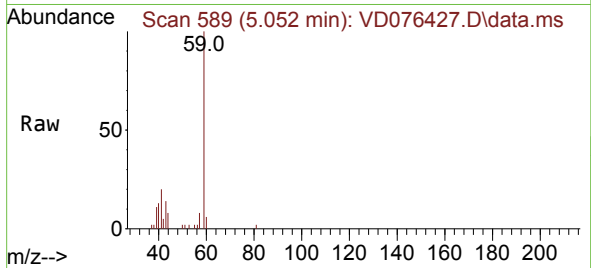




#11
Tert butyl alcohol
Concen: 241.281 ug/l
RT: 5.052 min Scan# 589
Delta R.T. 0.000 min
Lab File: VD076427.D
Acq: 14 Jun 2023 19:34

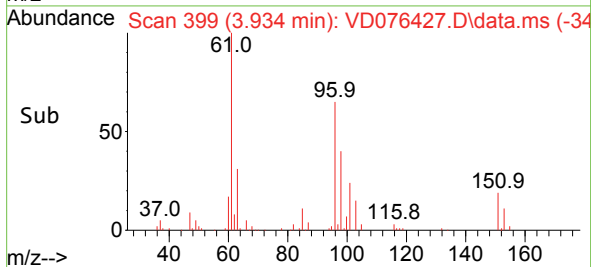
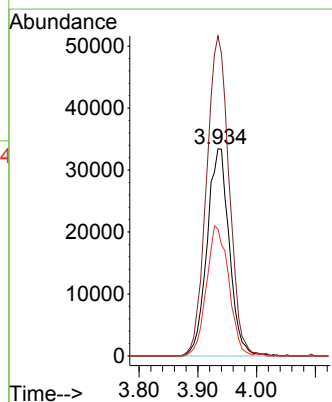
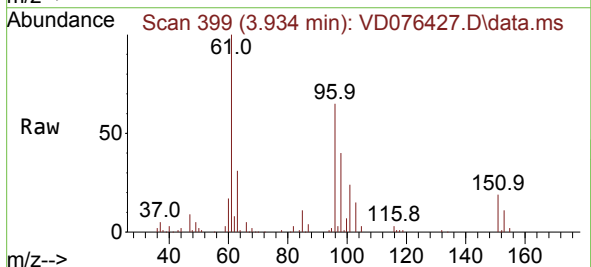
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

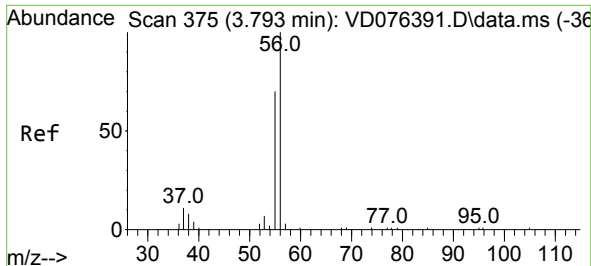
Tgt Ion: 59 Resp: 38358
Ion Ratio Lower Upper
59 100
57 10.8 7.8 11.8



#12
1,1-Dichloroethene
Concen: 53.330 ug/l
RT: 3.934 min Scan# 399
Delta R.T. 0.000 min
Lab File: VD076427.D
Acq: 14 Jun 2023 19:34

Tgt Ion: 96 Resp: 87680
Ion Ratio Lower Upper
96 100
61 154.4 100.6 150.8#
98 61.2 50.2 75.2

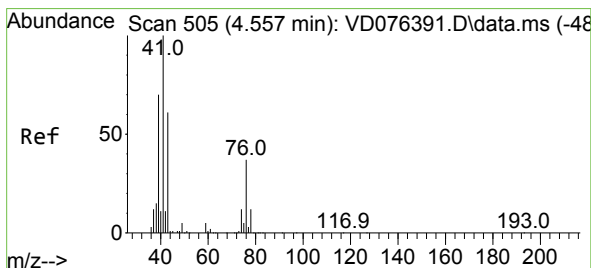
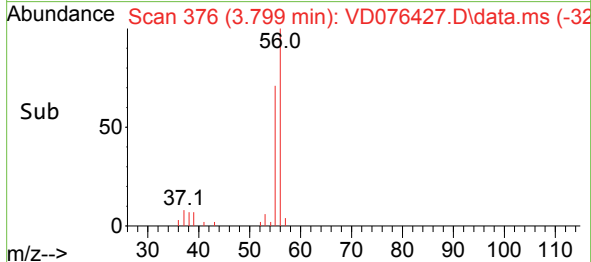
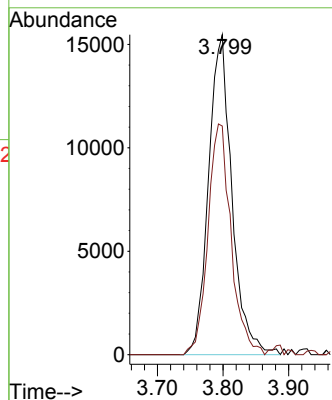
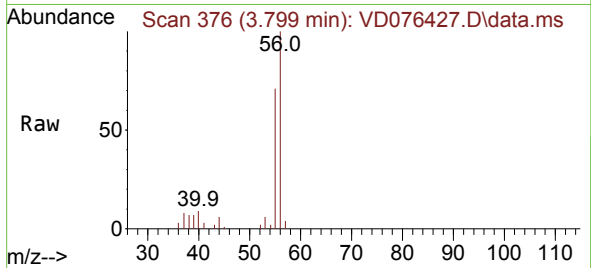




#13
Acrolein
Concen: 210.042 ug/l
RT: 3.799 min Scan# 375
Delta R.T. 0.006 min
Lab File: VD076427.D
Acq: 14 Jun 2023 19:34

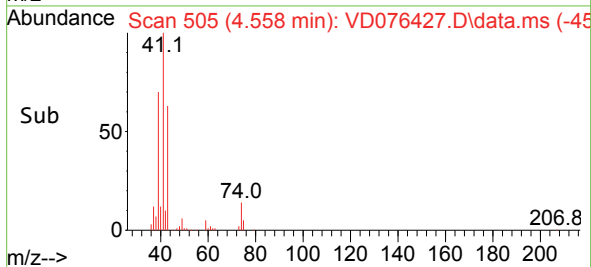
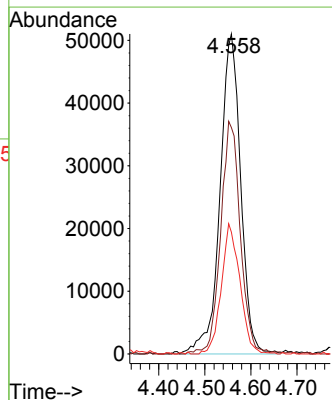
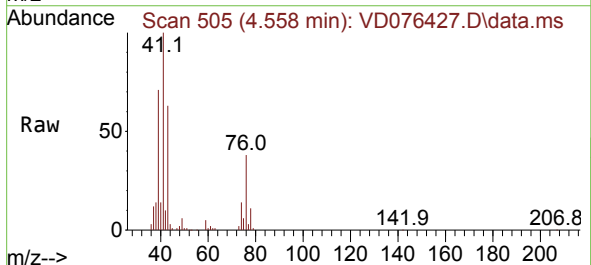
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

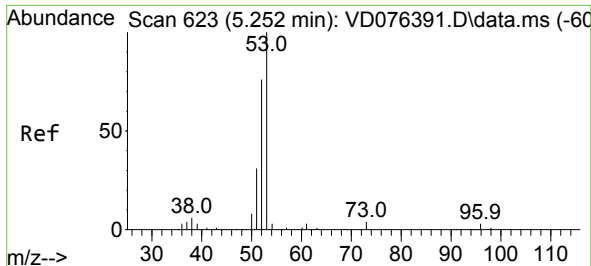
Tgt Ion: 56 Resp: 38302
Ion Ratio Lower Upper
56 100
55 71.1 55.1 82.7



#14
Allyl chloride
Concen: 49.385 ug/l
RT: 4.558 min Scan# 505
Delta R.T. 0.000 min
Lab File: VD076427.D
Acq: 14 Jun 2023 19:34

Tgt Ion: 41 Resp: 158789
Ion Ratio Lower Upper
41 100
39 69.2 53.8 80.6
76 36.6 45.8 68.8#

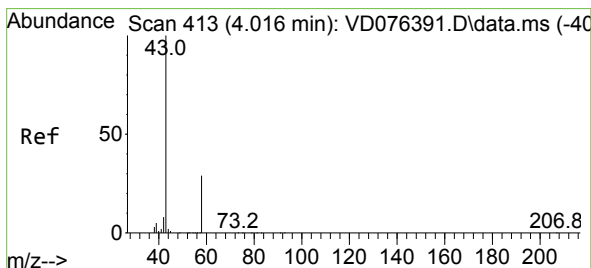
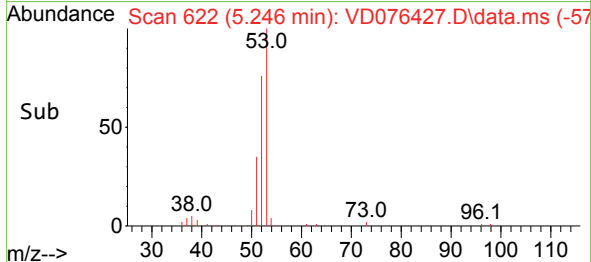
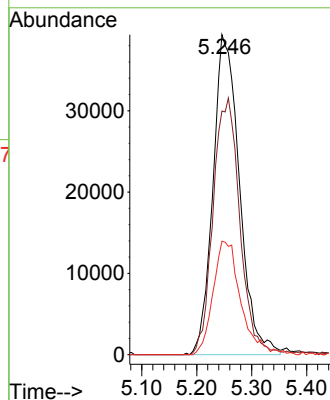
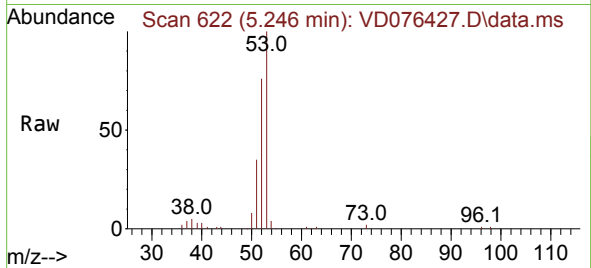




#15
Acrylonitrile
Concen: 268.687 ug/l
RT: 5.246 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD076427.D
Acq: 14 Jun 2023 19:34

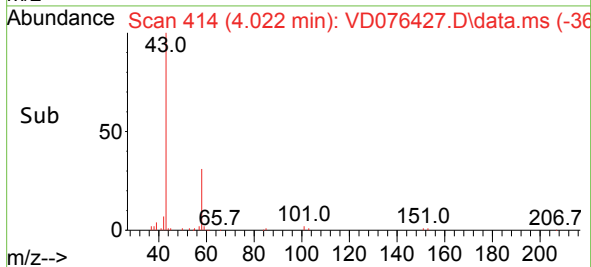
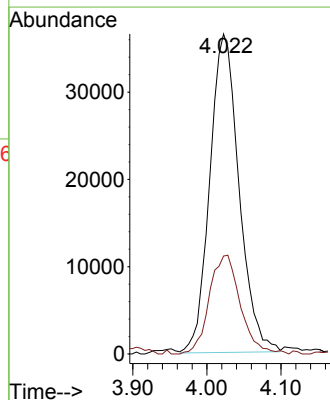
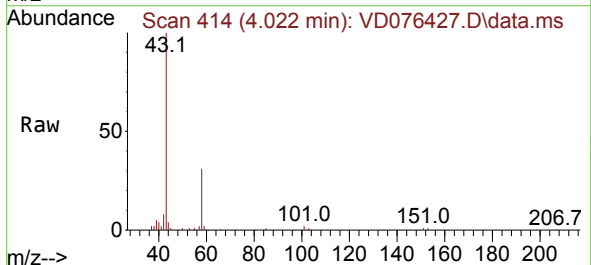
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

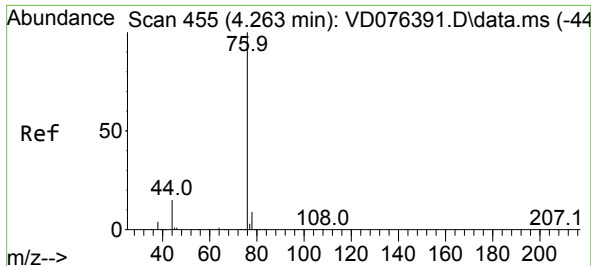
Tgt Ion: 53 Resp: 131684
Ion Ratio Lower Upper
53 100
52 81.0 65.0 97.4
51 37.2 28.3 42.5



#16
Acetone
Concen: 239.425 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD076427.D
Acq: 14 Jun 2023 19:34

Tgt Ion: 43 Resp: 100094
Ion Ratio Lower Upper
43 100
58 30.8 34.7 52.1#

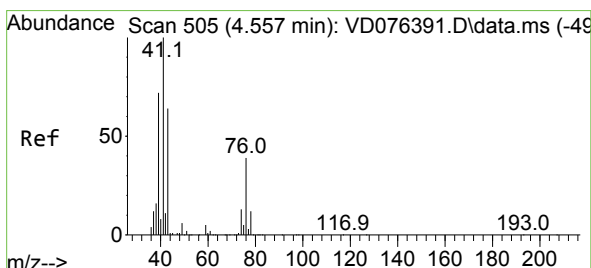
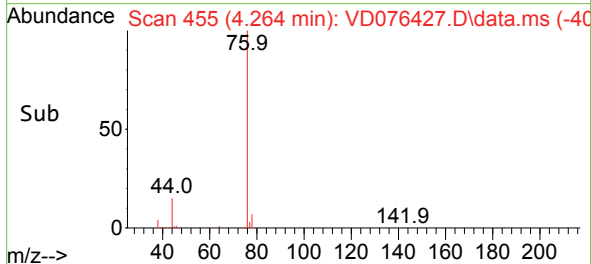
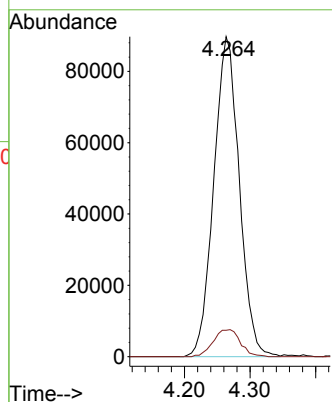
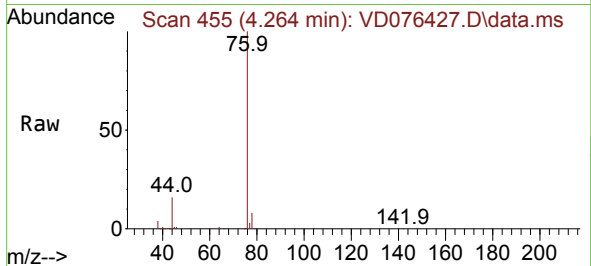




#17
Carbon Disulfide
Concen: 51.197 ug/l
RT: 4.264 min Scan# 41
Delta R.T. 0.001 min
Lab File: VD076427.D
Acq: 14 Jun 2023 19:34

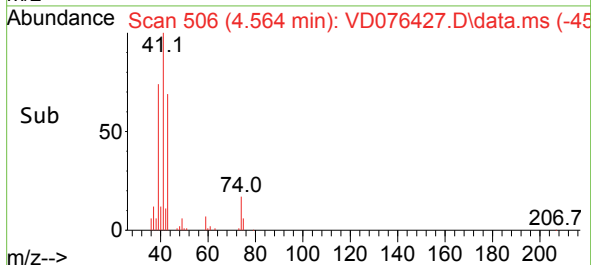
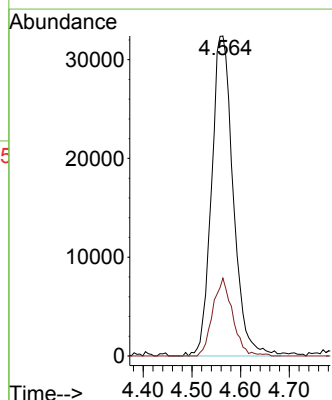
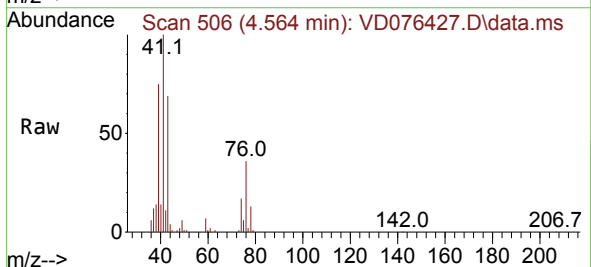
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

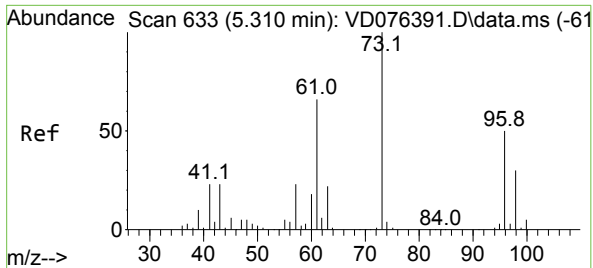
Tgt Ion: 76 Resp: 241840
Ion Ratio Lower Upper
76 100
78 8.3 6.8 10.2



#18
Methyl Acetate
Concen: 52.521 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD076427.D
Acq: 14 Jun 2023 19:34

Tgt Ion: 43 Resp: 100107
Ion Ratio Lower Upper
43 100
74 22.4 26.4 39.6#

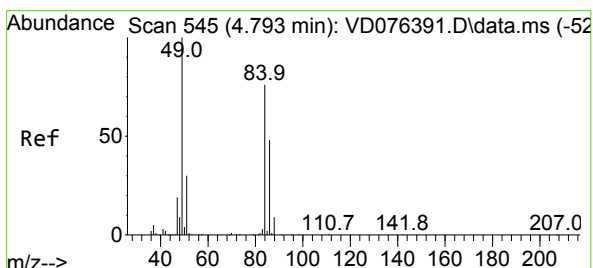
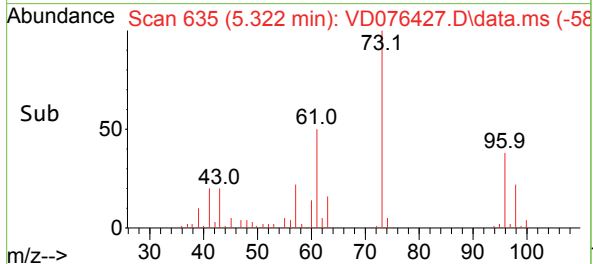
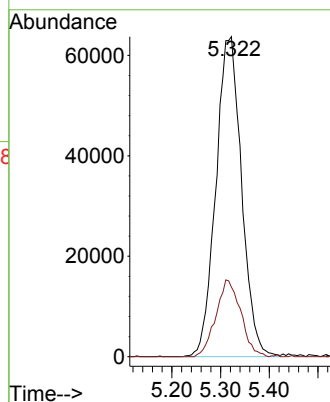
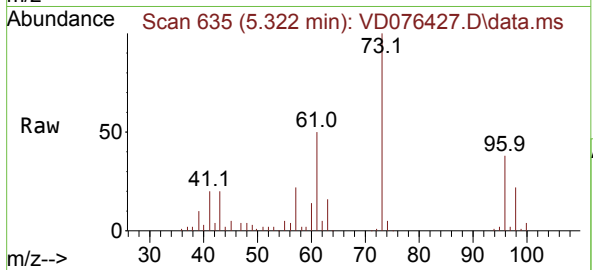




#19
Methyl tert-butyl Ether
Concen: 51.206 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.012 min
Lab File: VD076427.D
Acq: 14 Jun 2023 19:34

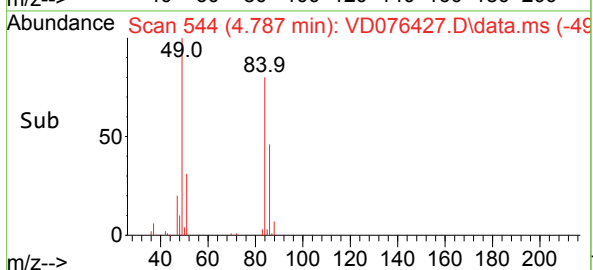
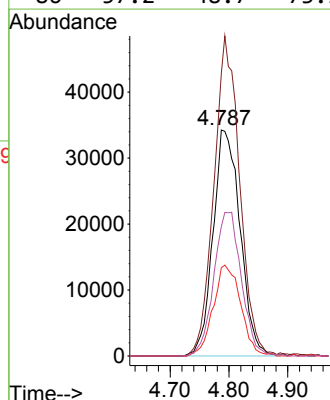
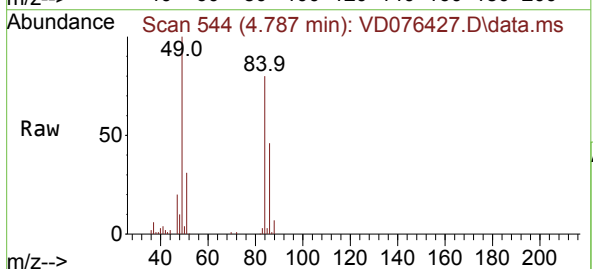
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

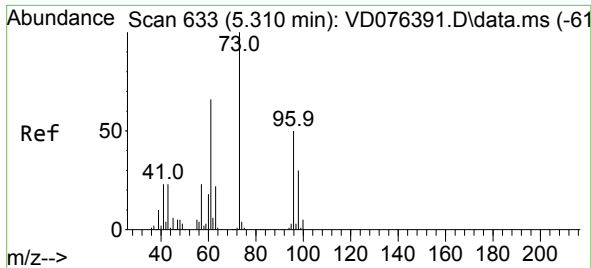
Tgt Ion: 73 Resp: 233596
Ion Ratio Lower Upper
73 100
57 21.8 16.6 25.0



#20
Methylene Chloride
Concen: 50.301 ug/l
RT: 4.787 min Scan# 544
Delta R.T. -0.006 min
Lab File: VD076427.D
Acq: 14 Jun 2023 19:34

Tgt Ion: 84 Resp: 109658
Ion Ratio Lower Upper
84 100
49 125.0 71.4 107.2#
51 39.0 24.5 36.7#
86 57.2 48.7 73.1

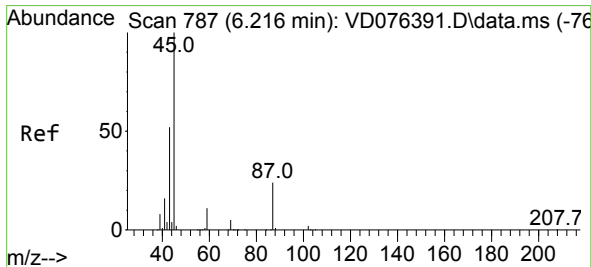
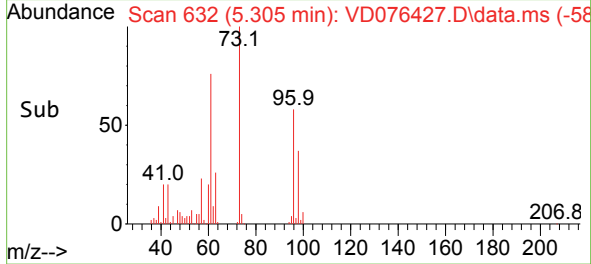
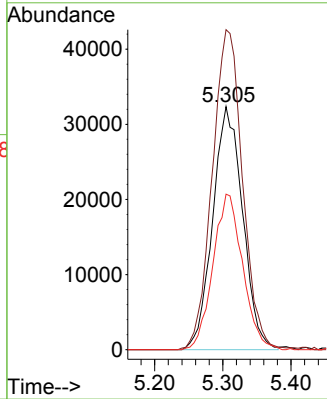
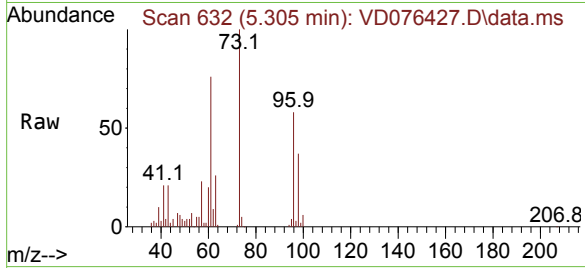




#21
trans-1,2-Dichloroethene
Concen: 51.734 ug/l
RT: 5.305 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD076427.D
Acq: 14 Jun 2023 19:34

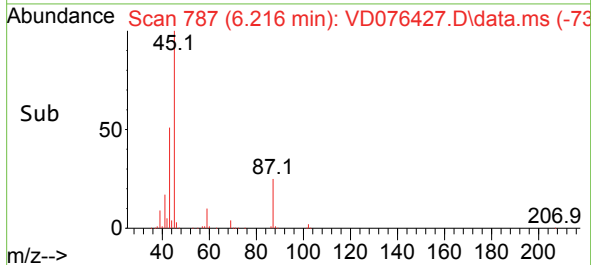
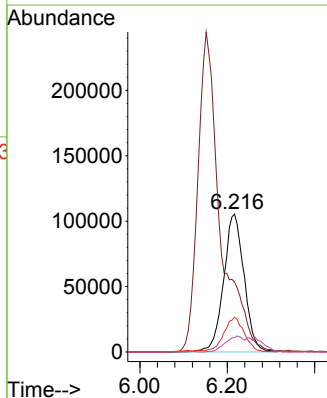
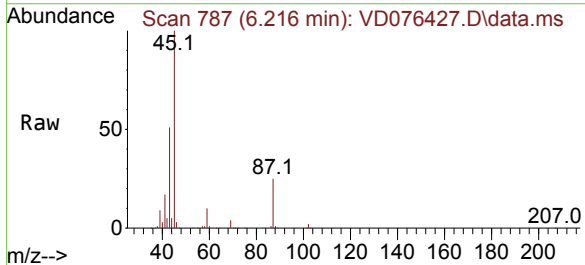
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

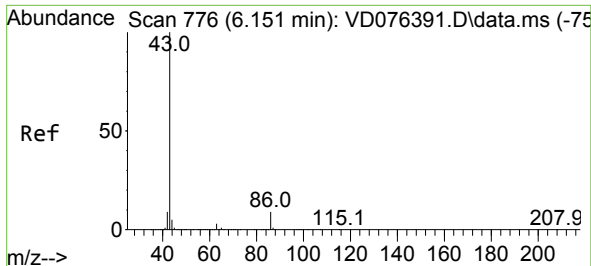
Tgt Ion: 96 Resp: 98841
Ion Ratio Lower Upper
96 100
61 131.7 89.3 133.9
98 64.0 48.6 73.0



#22
Diisopropyl ether
Concen: 52.317 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD076427.D
Acq: 14 Jun 2023 19:34

Tgt Ion: 45 Resp: 342442
Ion Ratio Lower Upper
45 100
43 50.3 40.0 60.0
87 24.9 28.2 42.4#
59 10.0 11.0 16.4#

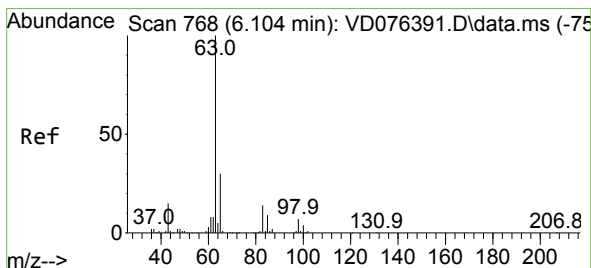
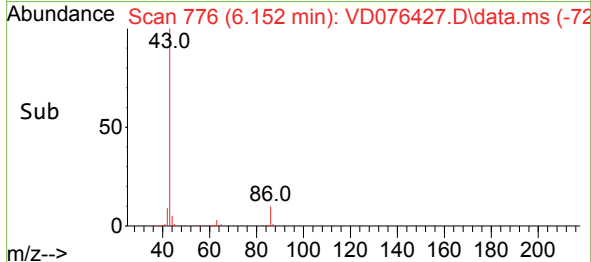
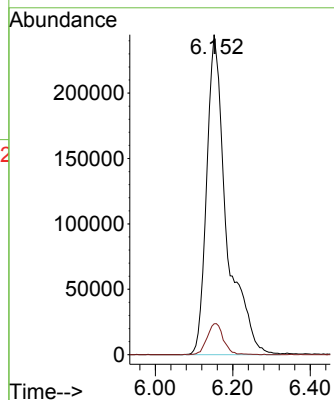
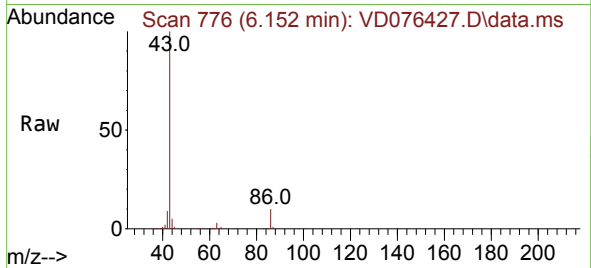




#23
 Vinyl Acetate
 Concen: 310.686 ug/l
 RT: 6.152 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD076427.D
 Acq: 14 Jun 2023 19:34

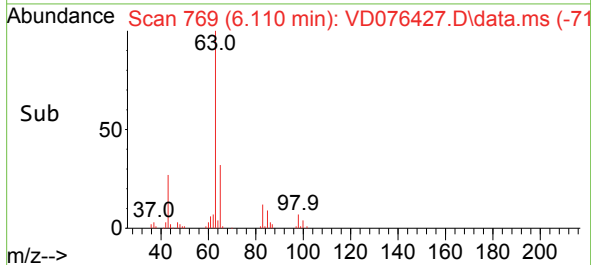
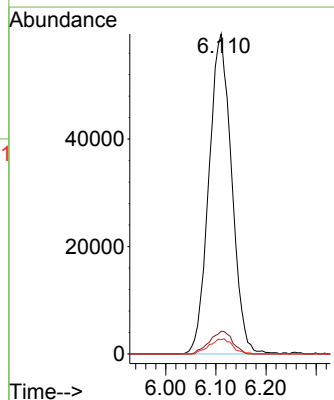
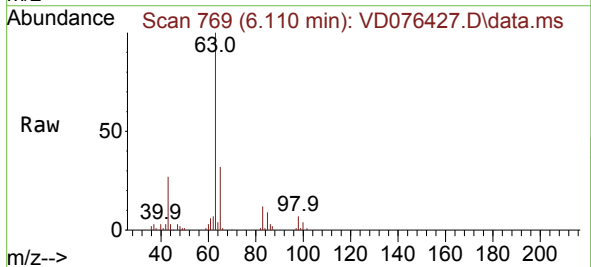
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

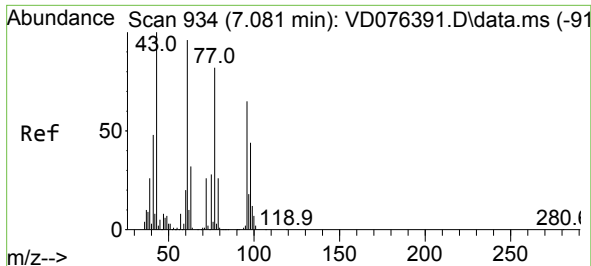
Tgt Ion: 43 Resp: 873400
 Ion Ratio Lower Upper
 43 100
 86 9.7 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 51.581 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. 0.006 min
 Lab File: VD076427.D
 Acq: 14 Jun 2023 19:34

Tgt Ion: 63 Resp: 187663
 Ion Ratio Lower Upper
 63 100
 98 7.1 4.5 13.7
 100 4.4 2.5 7.5





#25

2-Butanone

Concen: 253.949 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD076427.D

Acq: 14 Jun 2023 19:34

Instrument :

MSVOA_D

ClientSampleId :

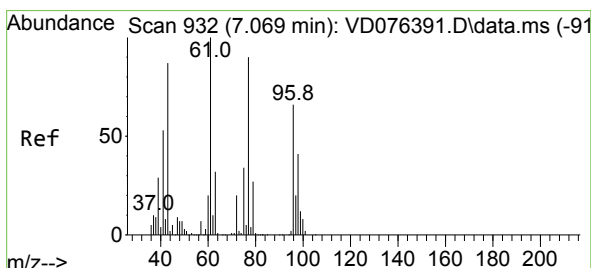
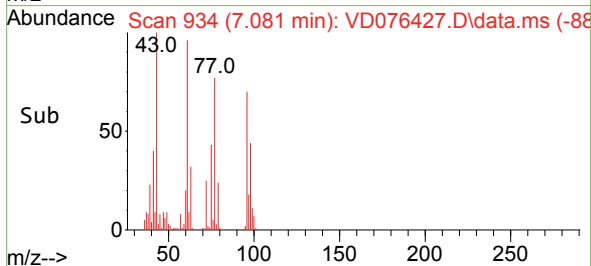
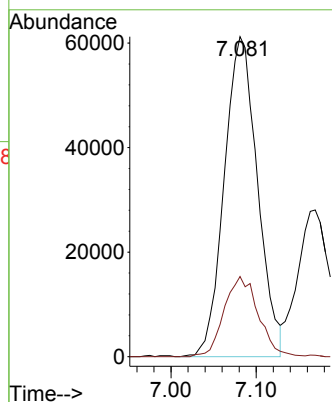
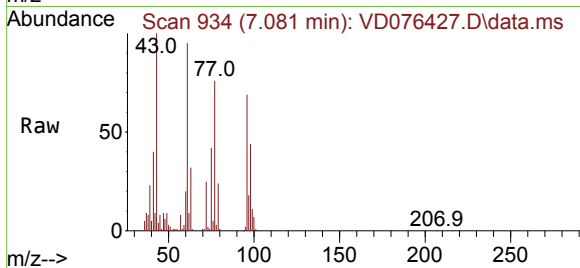
VSTDCCC050EC

Tgt Ion: 43 Resp: 166047

Ion Ratio Lower Upper

43 100

72 25.0 30.7 46.1#



#26

2,2-Dichloropropane

Concen: 47.243 ug/l

RT: 7.075 min Scan# 933

Delta R.T. 0.006 min

Lab File: VD076427.D

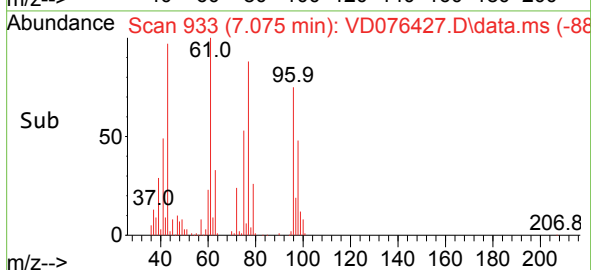
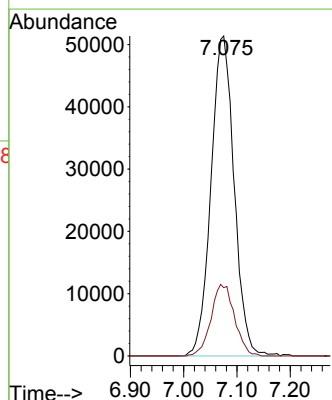
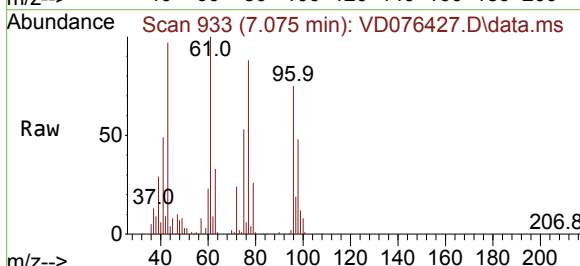
Acq: 14 Jun 2023 19:34

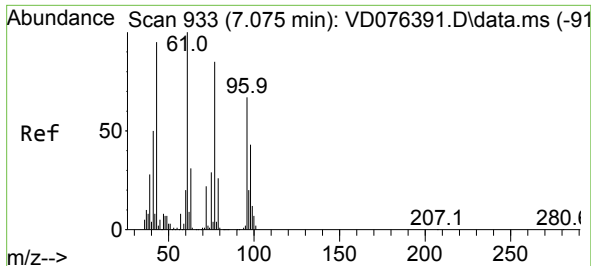
Tgt Ion: 77 Resp: 154761

Ion Ratio Lower Upper

77 100

97 22.7 13.2 39.6

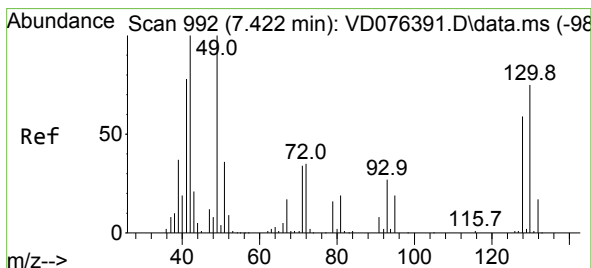
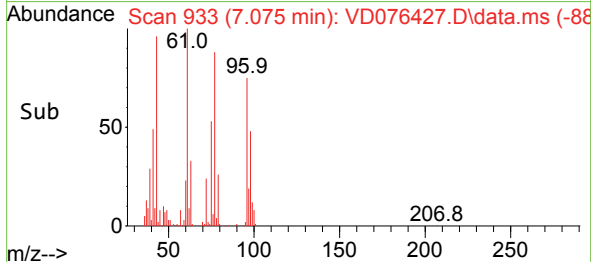
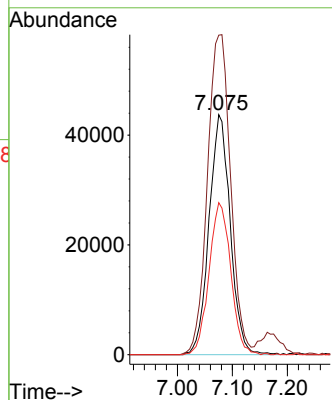
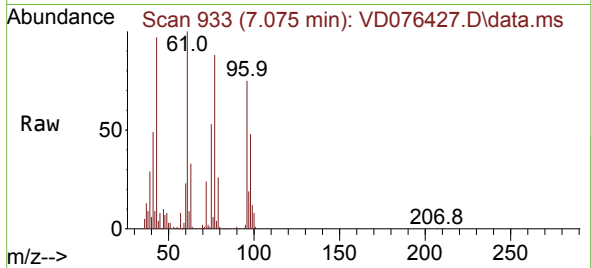




#27
cis-1,2-Dichloroethene
Concen: 51.592 ug/l
RT: 7.075 min Scan# 911
Delta R.T. 0.000 min
Lab File: VD076427.D
Acq: 14 Jun 2023 19:34

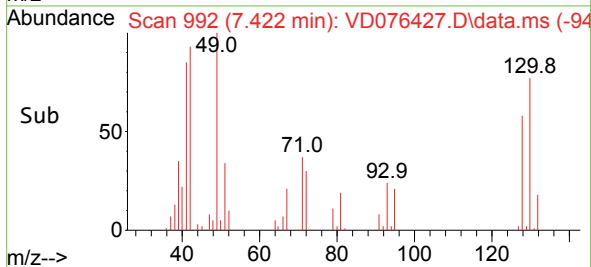
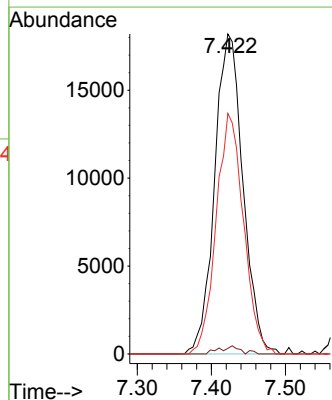
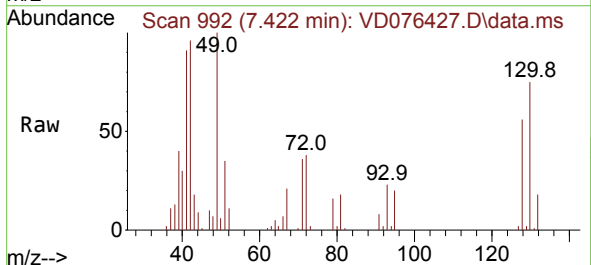
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

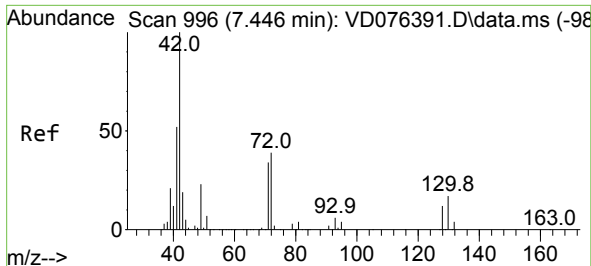
Tgt Ion: 96 Resp: 117341
Ion Ratio Lower Upper
96 100
61 145.1 0.0 239.2
98 64.7 0.0 128.6



#28
Bromochloromethane
Concen: 47.852 ug/l
RT: 7.422 min Scan# 992
Delta R.T. 0.000 min
Lab File: VD076427.D
Acq: 14 Jun 2023 19:34

Tgt Ion: 49 Resp: 48320
Ion Ratio Lower Upper
49 100
129 1.7 0.0 6.0
130 72.5 83.2 124.8#





#29

Tetrahydrofuran

Concen: 262.821 ug/l

RT: 7.440 min Scan# 996

Delta R.T. -0.006 min

Lab File: VD076427.D

Acq: 14 Jun 2023 19:34

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

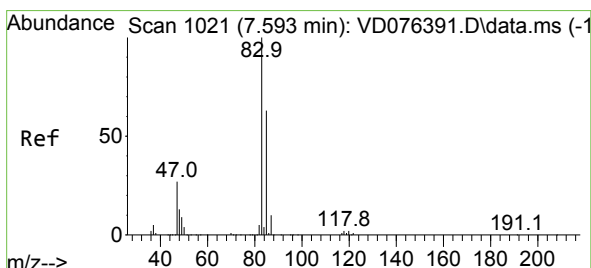
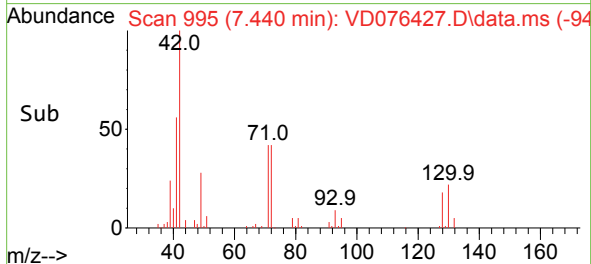
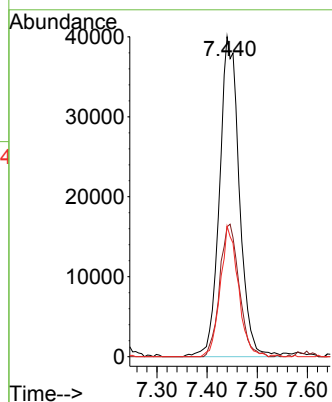
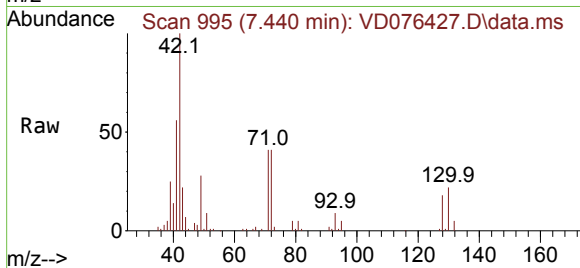
Tgt Ion: 42 Resp: 109637

Ion Ratio Lower Upper

42 100

72 40.8 46.5 69.7#

71 37.2 44.5 66.7#



#30

Chloroform

Concen: 50.337 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VD076427.D

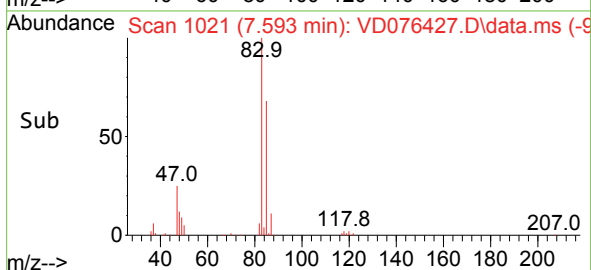
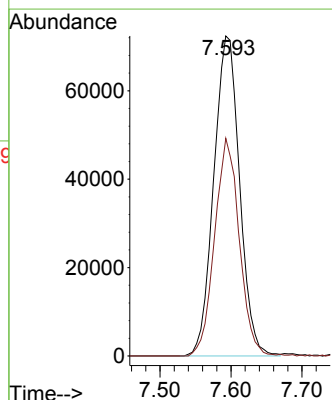
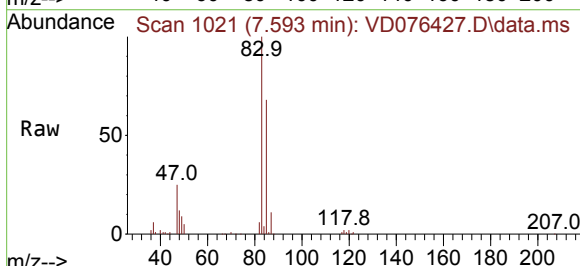
Acq: 14 Jun 2023 19:34

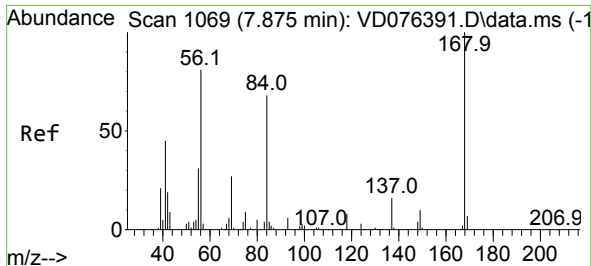
Tgt Ion: 83 Resp: 182530

Ion Ratio Lower Upper

83 100

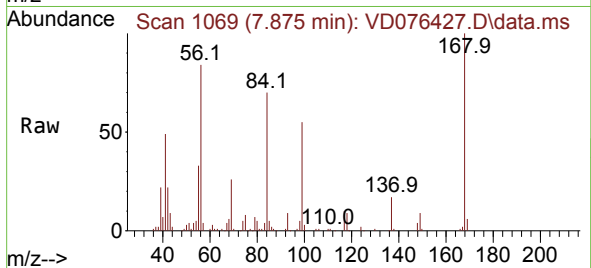
85 68.0 53.4 80.2



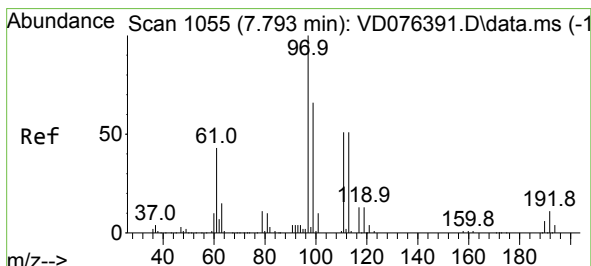
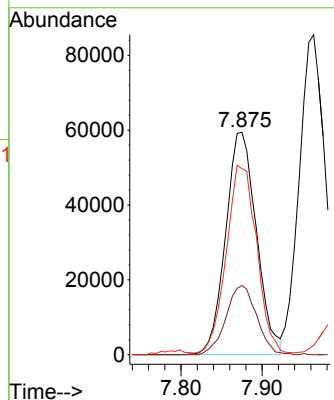
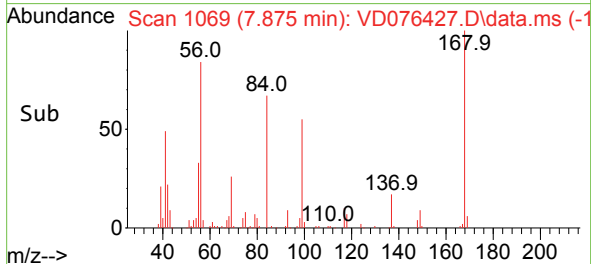


#31
Cyclohexane
Concen: 51.542 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076427.D
Acq: 14 Jun 2023 19:34

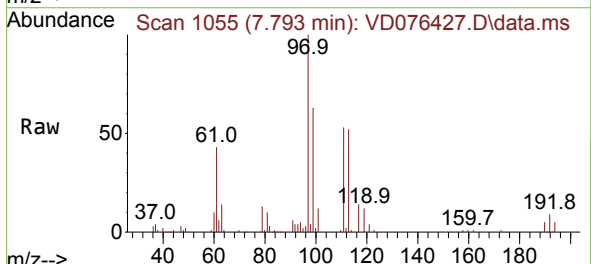
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



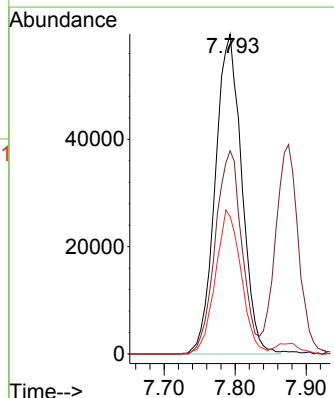
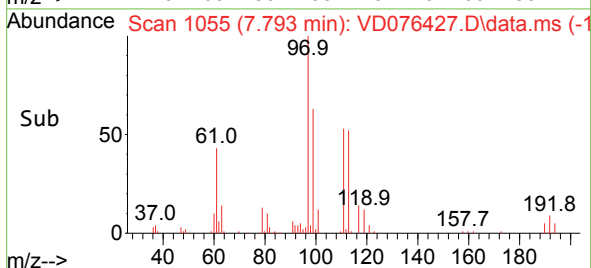
Tgt Ion: 56 Resp: 156833
Ion Ratio Lower Upper
56 100
69 31.0 28.6 43.0
84 81.5 84.8 127.2#

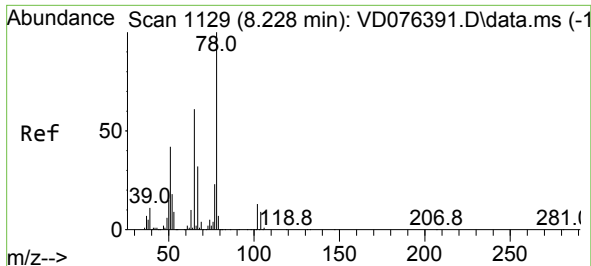


#32
1,1,1-Trichloroethane
Concen: 49.690 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD076427.D
Acq: 14 Jun 2023 19:34



Tgt Ion: 97 Resp: 153882
Ion Ratio Lower Upper
97 100
99 64.0 52.0 78.0
61 44.0 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 48.893 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD076427.D

Acq: 14 Jun 2023 19:34

Instrument :

MSVOA_D

ClientSampleId :

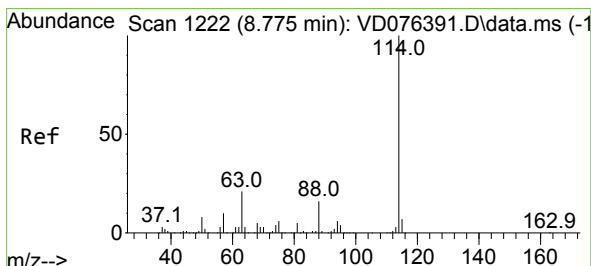
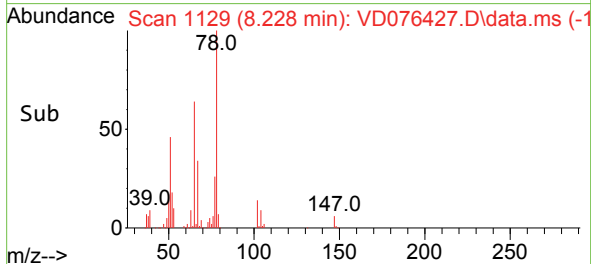
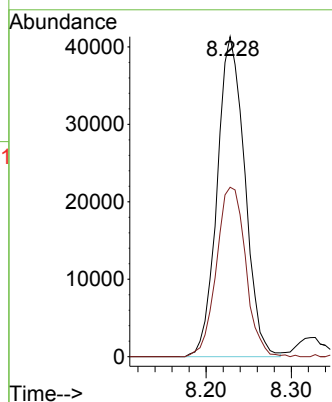
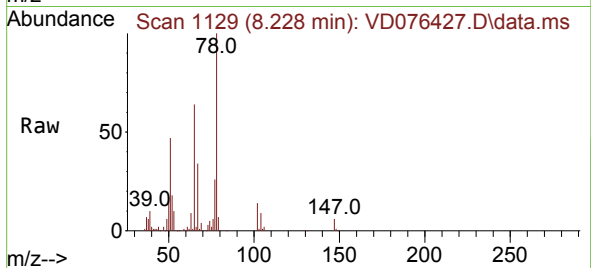
VSTDCCC050EC

Tgt Ion: 65 Resp: 92980

Ion Ratio Lower Upper

65 100

67 56.1 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD076427.D

Acq: 14 Jun 2023 19:34

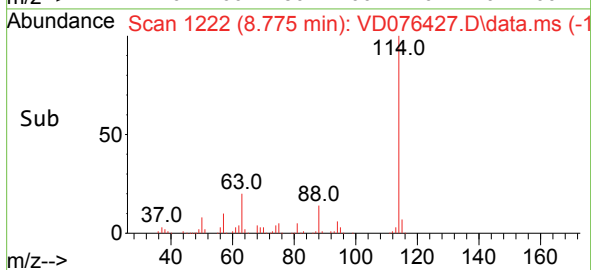
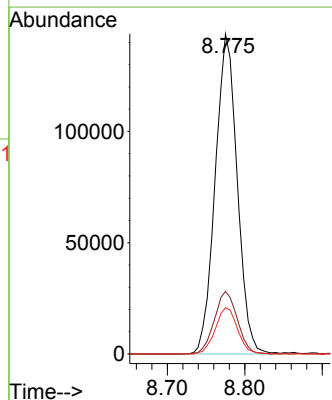
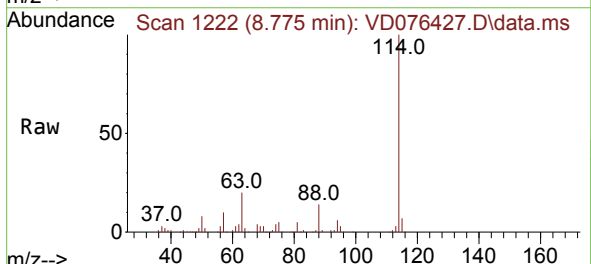
Tgt Ion: 114 Resp: 284486

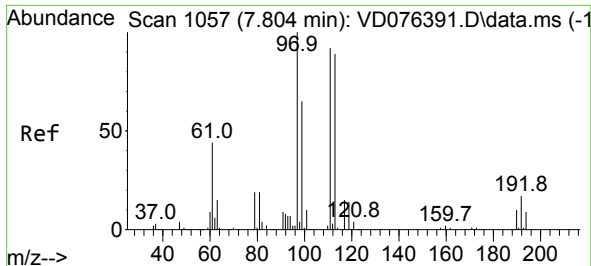
Ion Ratio Lower Upper

114 100

63 19.5 0.0 33.4

88 14.4 0.0 26.2

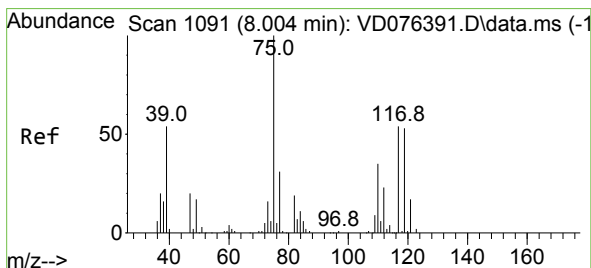
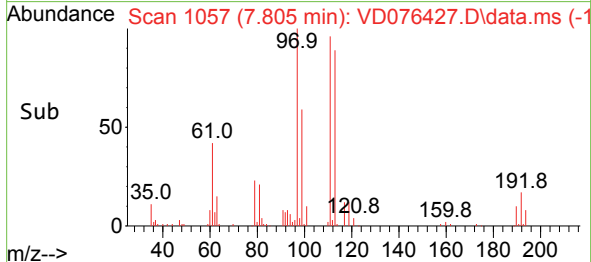
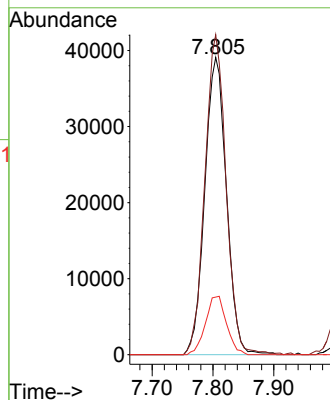
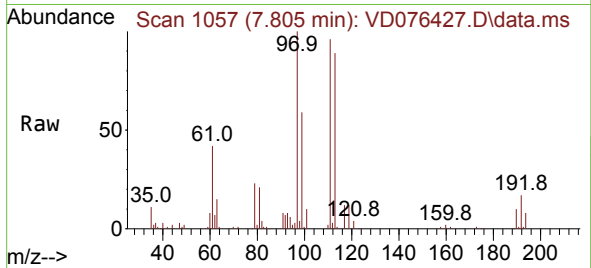




#35
Dibromofluoromethane
Concen: 52.588 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD076427.D
Acq: 14 Jun 2023 19:34

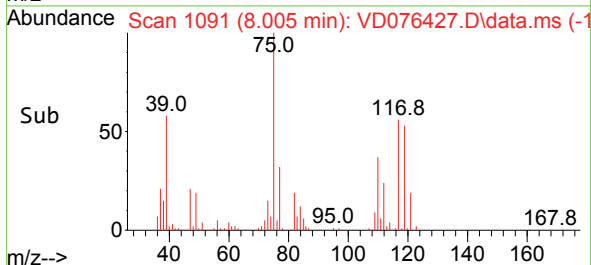
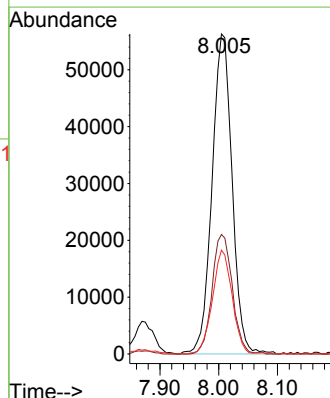
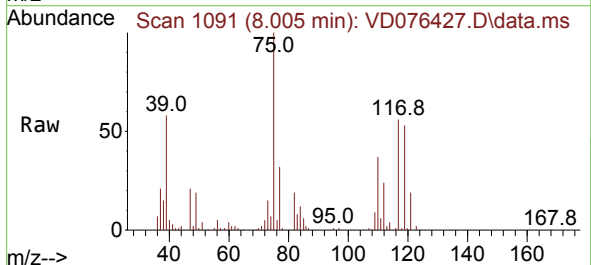
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

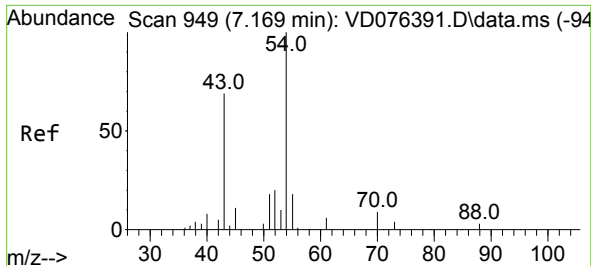
Tgt Ion:113 Resp: 96692
Ion Ratio Lower Upper
113 100
111 105.3 84.7 127.1
192 19.1 16.8 25.2



#36
1,1-Dichloropropene
Concen: 49.840 ug/l
RT: 8.005 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VD076427.D
Acq: 14 Jun 2023 19:34

Tgt Ion: 75 Resp: 133756
Ion Ratio Lower Upper
75 100
110 37.4 19.9 59.6
77 31.7 24.7 37.1





#37

Ethyl Acetate

Concen: 53.862 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

Lab File: VD076427.D

Acq: 14 Jun 2023 19:34

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

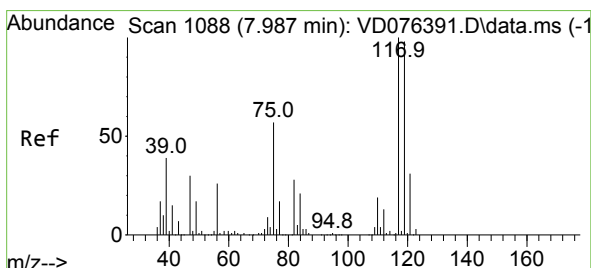
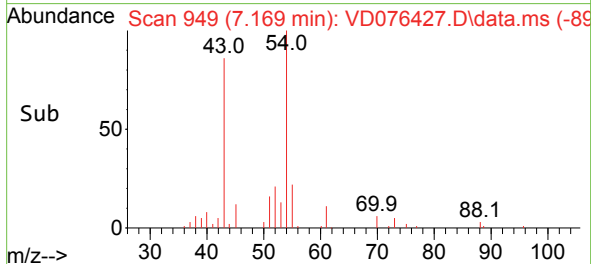
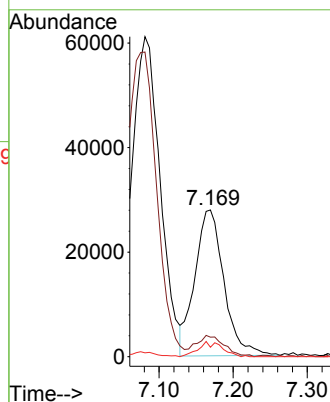
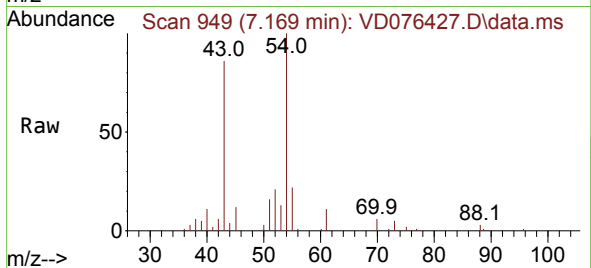
Tgt Ion: 43 Resp: 76031

Ion Ratio Lower Upper

43 100

61 14.3 14.9 22.3#

70 8.4 10.0 15.0#



#38

Carbon Tetrachloride

Concen: 49.315 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VD076427.D

Acq: 14 Jun 2023 19:34

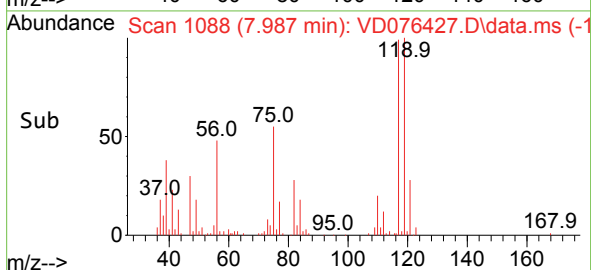
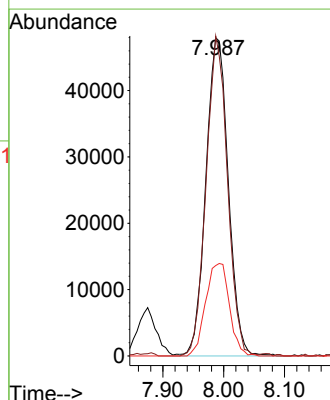
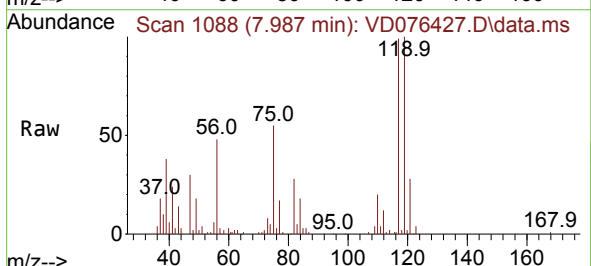
Tgt Ion: 117 Resp: 122877

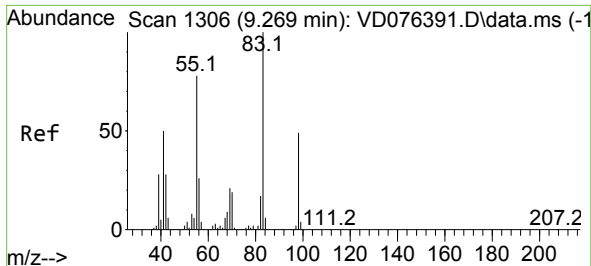
Ion Ratio Lower Upper

117 100

119 100.5 78.0 117.0

121 28.4 24.2 36.2





#39

Methylcyclohexane

Concen: 51.980 ug/l

RT: 9.275 min Scan# 1137

Delta R.T. 0.006 min

Lab File: VD076427.D

Acq: 14 Jun 2023 19:34

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

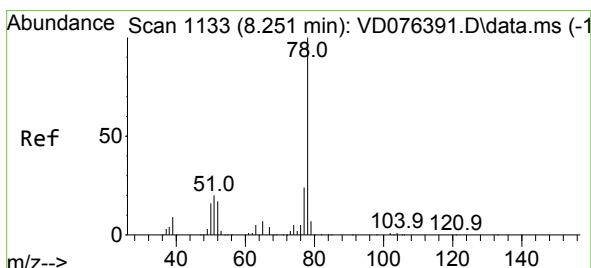
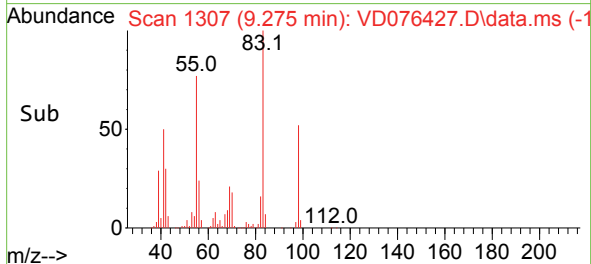
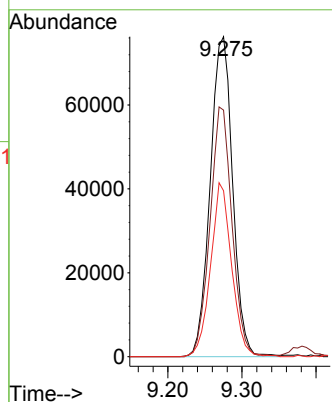
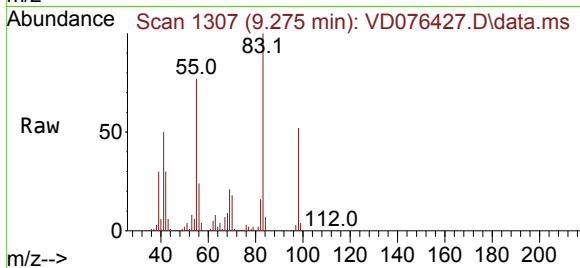
Tgt Ion: 83 Resp: 160624

Ion Ratio Lower Upper

83 100

55 77.0 49.4 74.0#

98 51.8 38.4 57.6



#40

Benzene

Concen: 52.669 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD076427.D

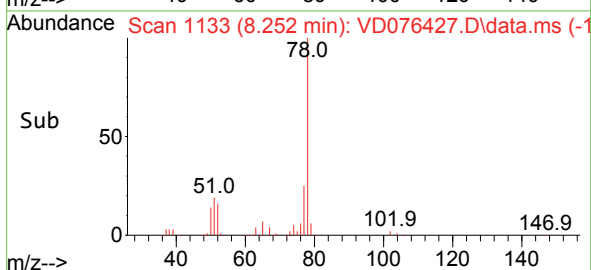
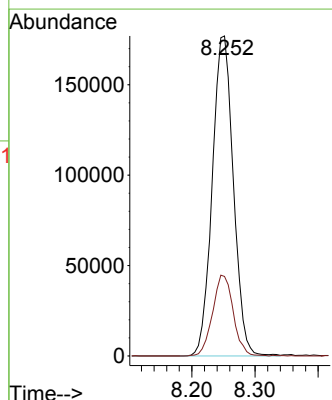
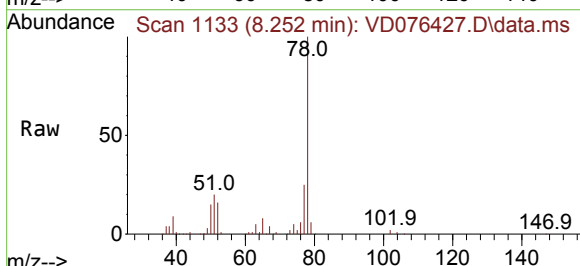
Acq: 14 Jun 2023 19:34

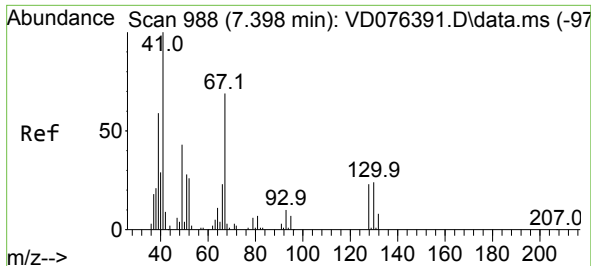
Tgt Ion: 78 Resp: 410923

Ion Ratio Lower Upper

78 100

77 24.8 19.4 29.0

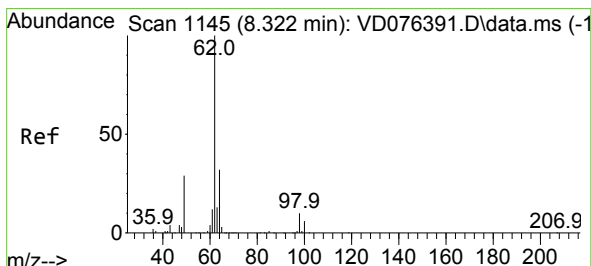
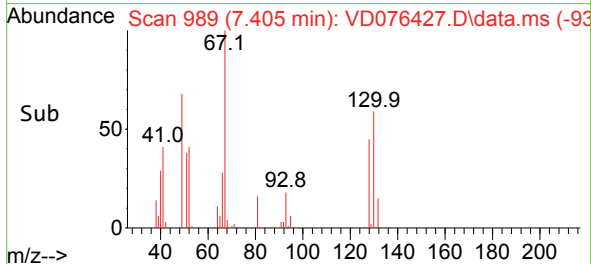
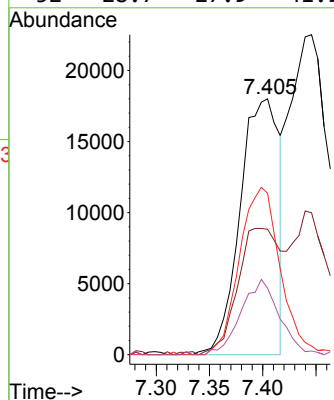
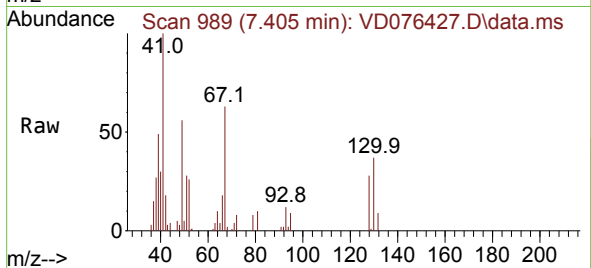




#41
Methacrylonitrile
Concen: 50.874 ug/l
RT: 7.405 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD076427.D
Acq: 14 Jun 2023 19:34

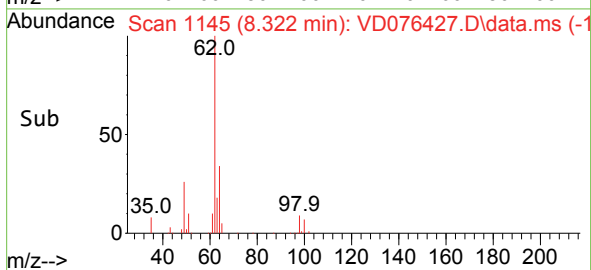
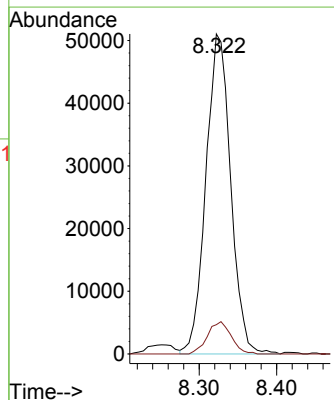
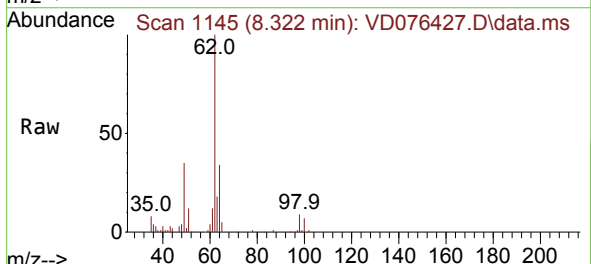
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

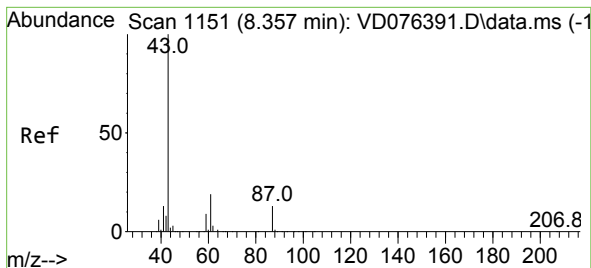
Tgt Ion:	41	Resp:	45941
Ion	Ratio	Lower	Upper
41	100		
39	57.0	34.0	51.0#
67	68.3	77.0	115.4#
52	28.7	27.9	41.9



#42
1,2-Dichloroethane
Concen: 48.883 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VD076427.D
Acq: 14 Jun 2023 19:34

Tgt Ion:	62	Resp:	113571
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	25.4





#43

Isopropyl Acetate

Concen: 51.246 ug/l

RT: 8.357 min Scan# 1151

Delta R.T. 0.000 min

Lab File: VD076427.D

Acq: 14 Jun 2023 19:34

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

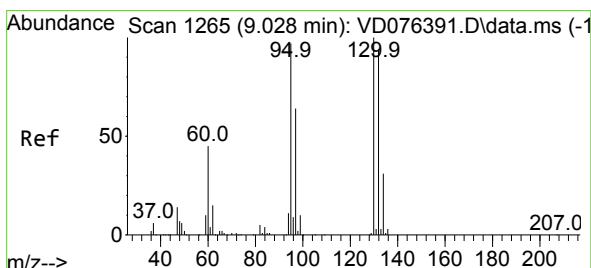
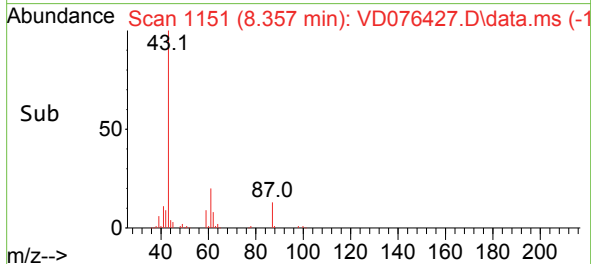
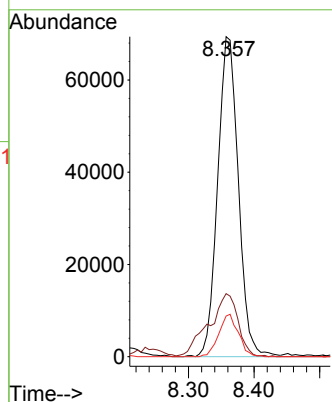
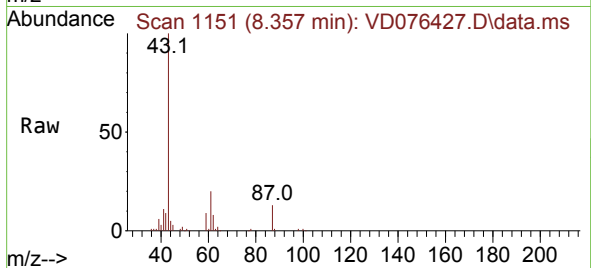
Tgt Ion: 43 Resp: 151665

Ion Ratio Lower Upper

43 100

61 28.0 31.4 47.0#

87 12.5 14.9 22.3#



#44

Trichloroethene

Concen: 51.228 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. 0.000 min

Lab File: VD076427.D

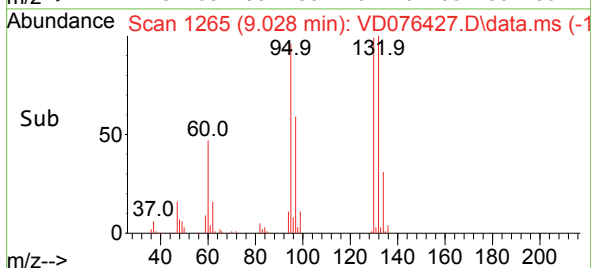
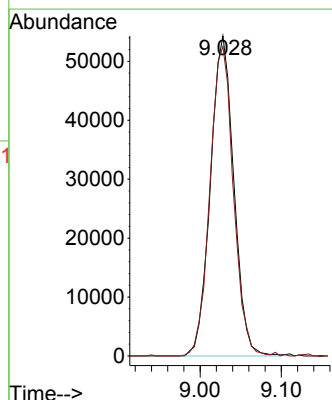
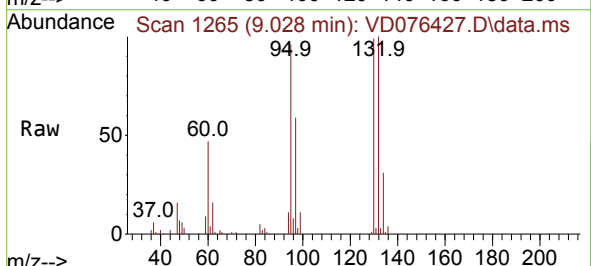
Acq: 14 Jun 2023 19:34

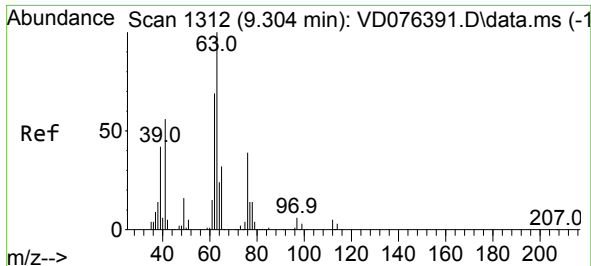
Tgt Ion:130 Resp: 108348

Ion Ratio Lower Upper

130 100

95 96.7 0.0 179.2

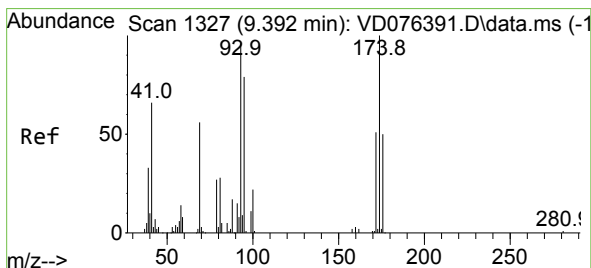
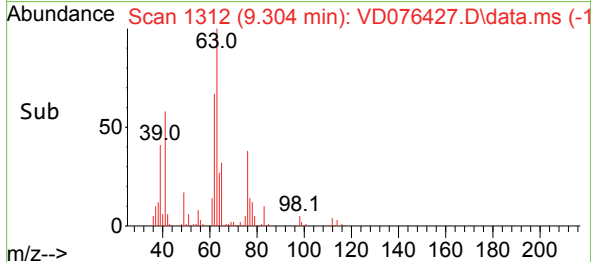
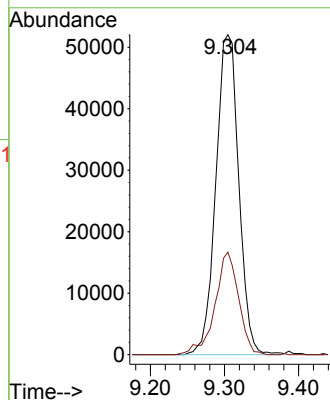
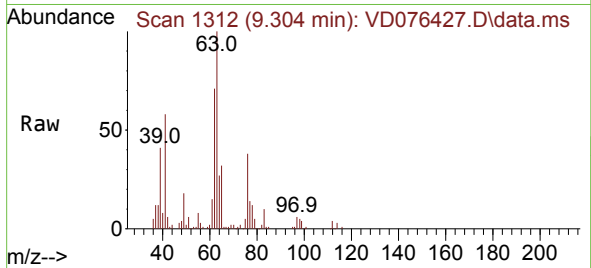




#45
1,2-Dichloropropane
Concen: 53.897 ug/l
RT: 9.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076427.D
Acq: 14 Jun 2023 19:34

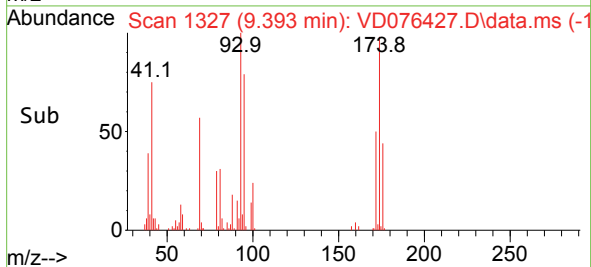
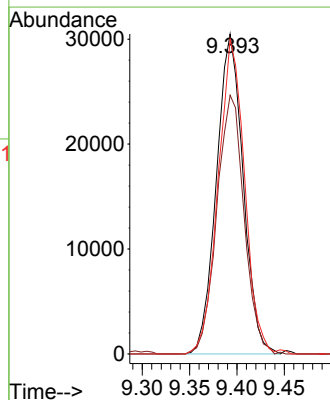
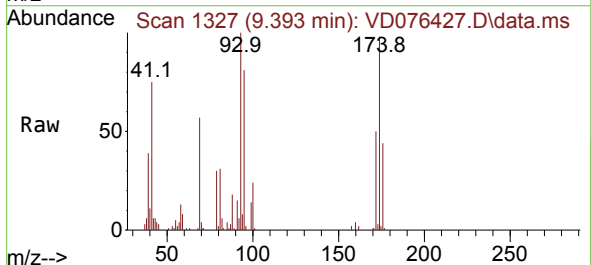
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

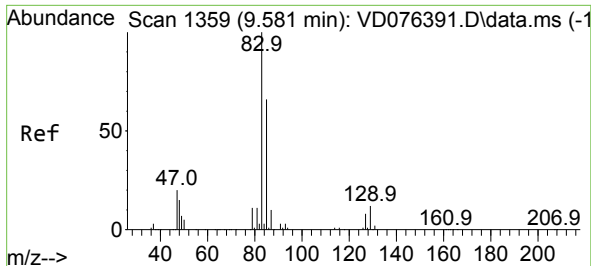
Tgt Ion: 63 Resp: 111763
Ion Ratio Lower Upper
63 100
65 32.0 24.5 36.7



#46
Dibromomethane
Concen: 52.257 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. 0.000 min
Lab File: VD076427.D
Acq: 14 Jun 2023 19:34

Tgt Ion: 93 Resp: 59802
Ion Ratio Lower Upper
93 100
95 82.5 67.7 101.5
174 97.6 85.4 128.2

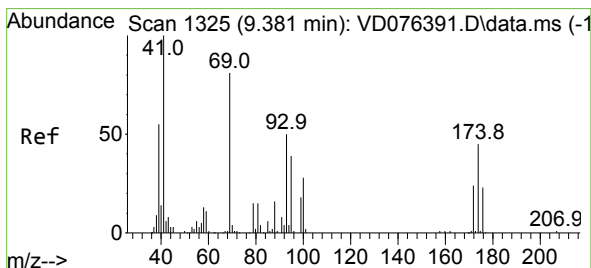
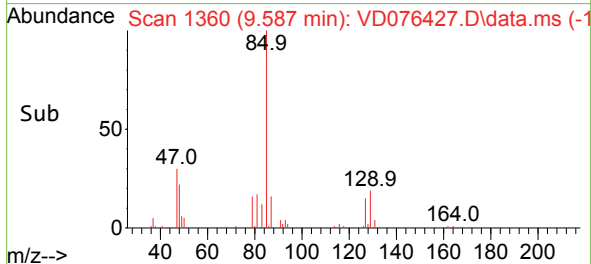
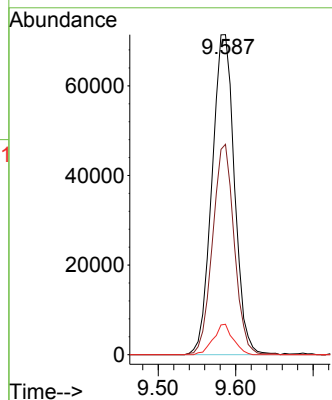
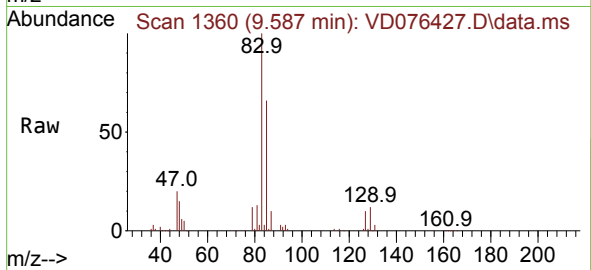




#47
Bromodichloromethane
Concen: 50.749 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.006 min
Lab File: VD076427.D
Acq: 14 Jun 2023 19:34

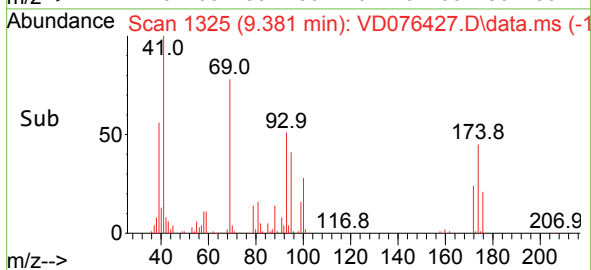
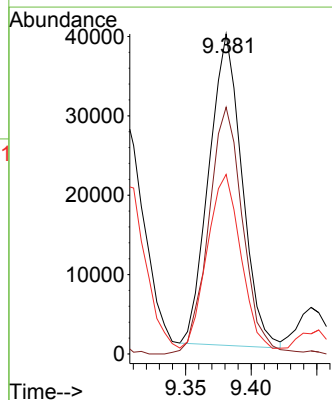
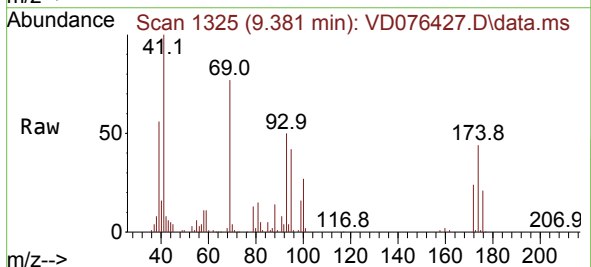
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

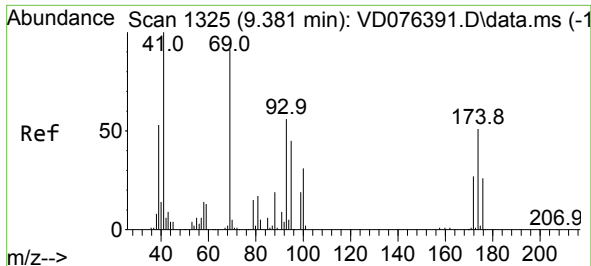
Tgt Ion: 83 Resp: 143864
Ion Ratio Lower Upper
83 100
85 65.7 50.2 75.4
127 9.5 6.3 9.5#



#48
Methyl methacrylate
Concen: 48.485 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD076427.D
Acq: 14 Jun 2023 19:34

Tgt Ion: 41 Resp: 68775
Ion Ratio Lower Upper
41 100
69 82.2 102.2 153.2#
39 57.1 41.4 62.2





#49

1,4-Dioxane

Concen: 1076.916 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD076427.D

Acq: 14 Jun 2023 19:34

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

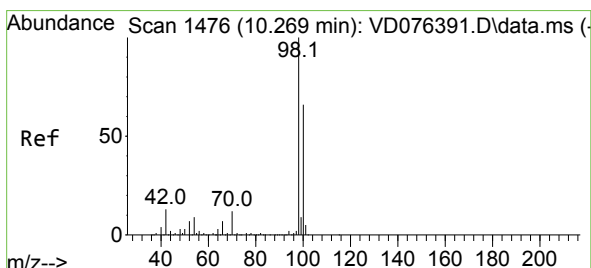
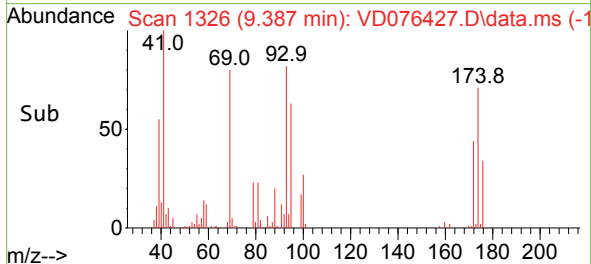
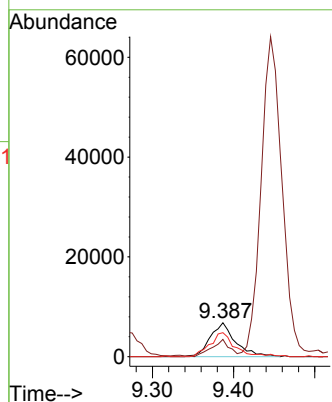
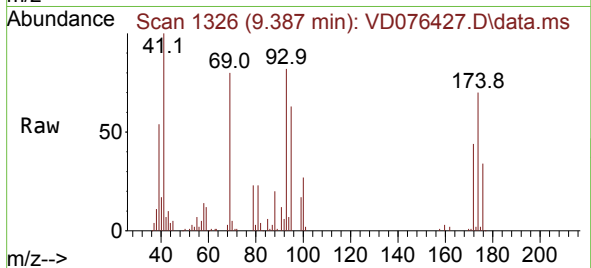
Tgt Ion: 88 Resp: 14622

Ion Ratio Lower Upper

88 100

43 35.9 19.0 28.6#

58 71.4 43.5 65.3#



#50

Toluene-d8

Concen: 52.494 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD076427.D

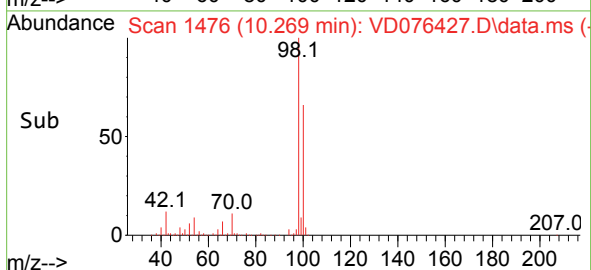
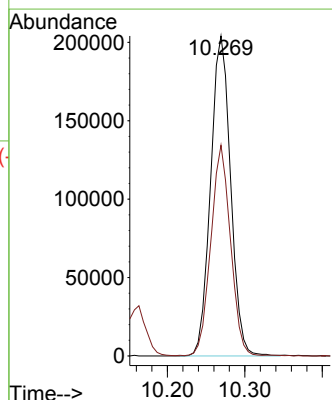
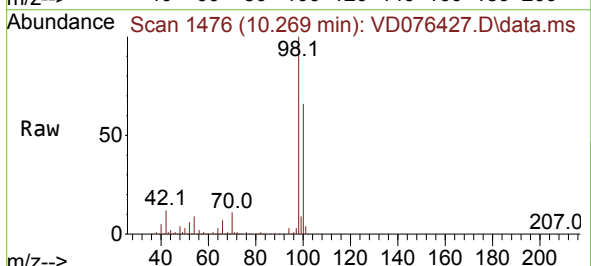
Acq: 14 Jun 2023 19:34

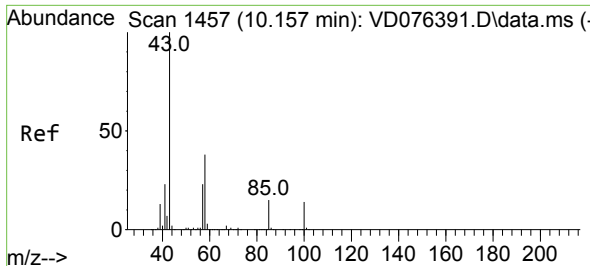
Tgt Ion: 98 Resp: 365765

Ion Ratio Lower Upper

98 100

100 65.0 50.3 75.5

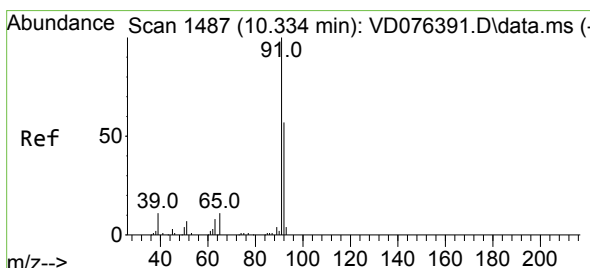
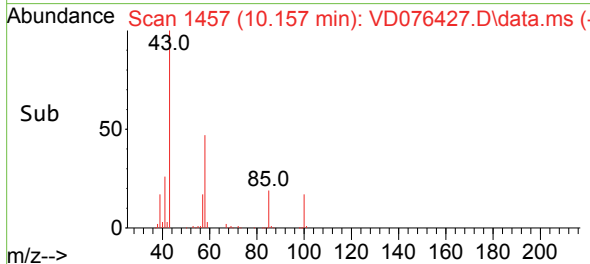
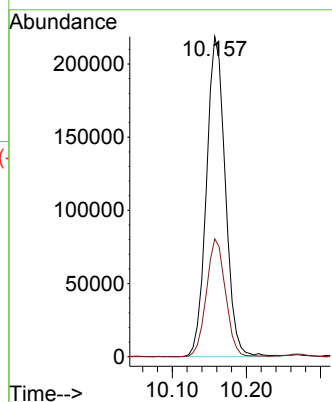
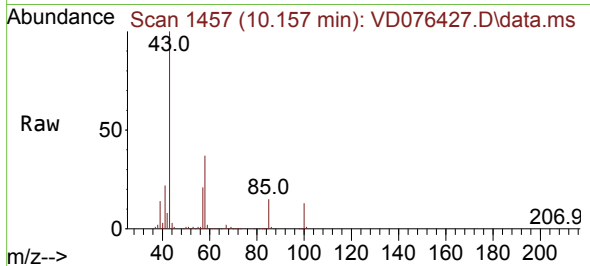




#51
4-Methyl-2-Pentanone
Concen: 263.781 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076427.D
Acq: 14 Jun 2023 19:34

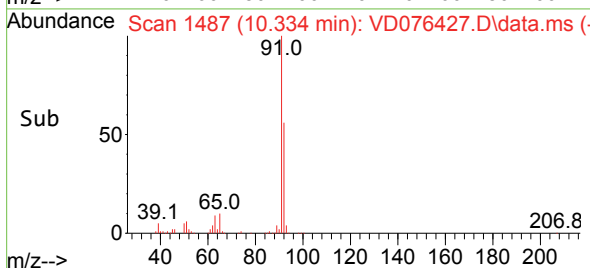
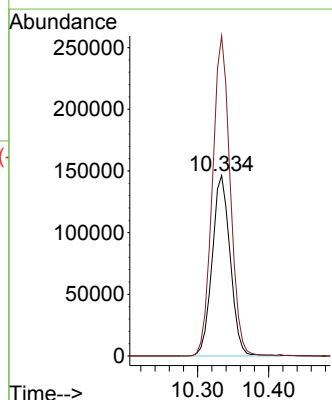
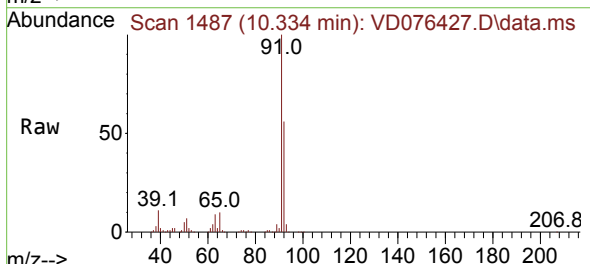
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

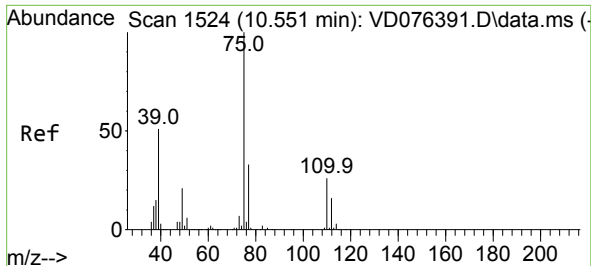
Tgt Ion: 43 Resp: 387745
Ion Ratio Lower Upper
43 100
58 37.3 38.9 58.3#



#52
Toluene
Concen: 52.115 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD076427.D
Acq: 14 Jun 2023 19:34

Tgt Ion: 92 Resp: 257041
Ion Ratio Lower Upper
92 100
91 174.9 143.0 214.4

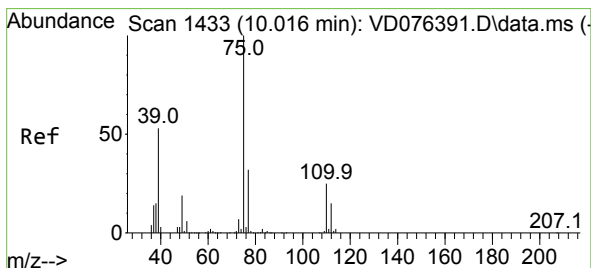
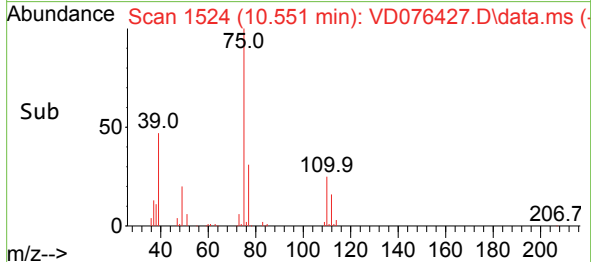
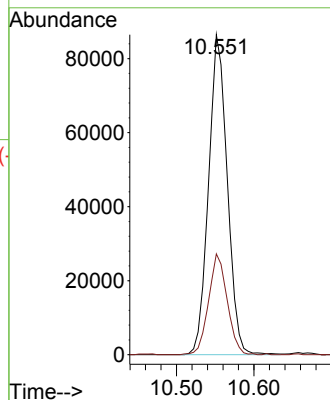
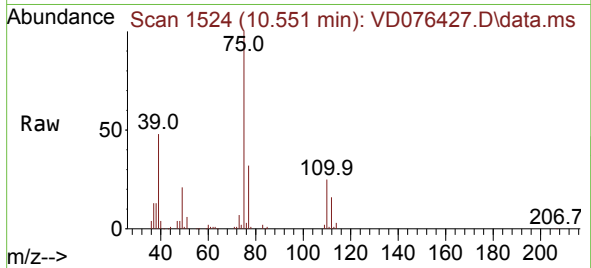




#53
t-1,3-Dichloropropene
Concen: 50.050 ug/l
RT: 10.551 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076427.D
Acq: 14 Jun 2023 19:34

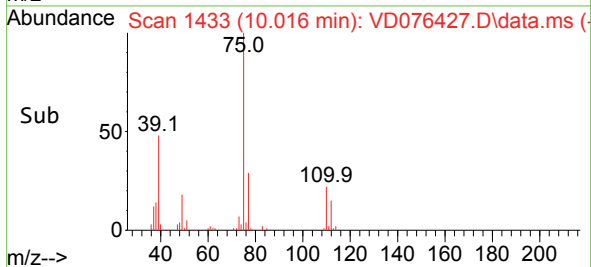
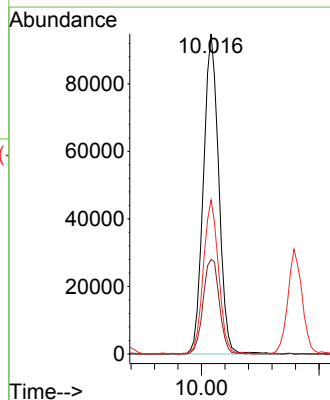
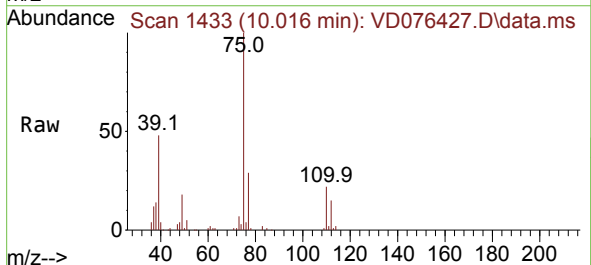
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

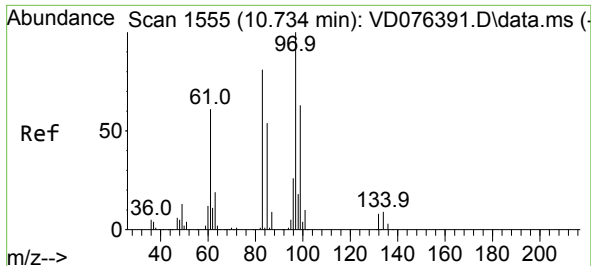
Tgt Ion: 75 Resp: 145118
Ion Ratio Lower Upper
75 100
77 31.5 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 51.406 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD076427.D
Acq: 14 Jun 2023 19:34

Tgt Ion: 75 Resp: 171408
Ion Ratio Lower Upper
75 100
77 29.5 25.5 38.3
39 48.2 22.1 33.1#

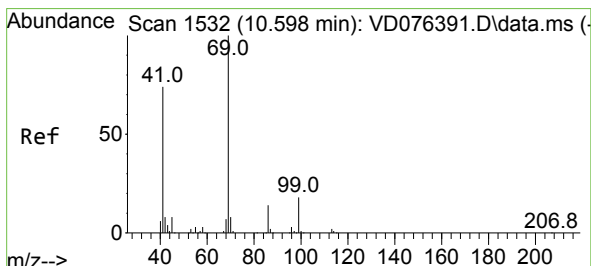
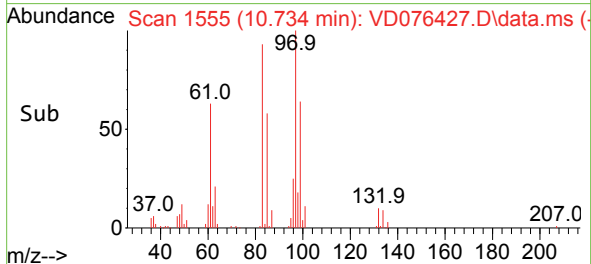
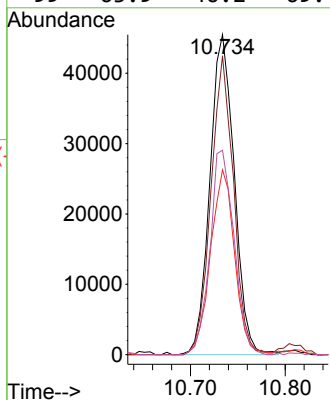
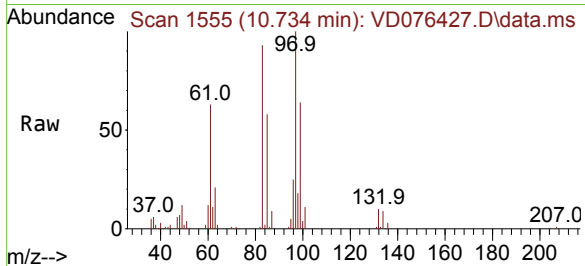




#55
1,1,2-Trichloroethane
Concen: 53.252 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD076427.D
Acq: 14 Jun 2023 19:34

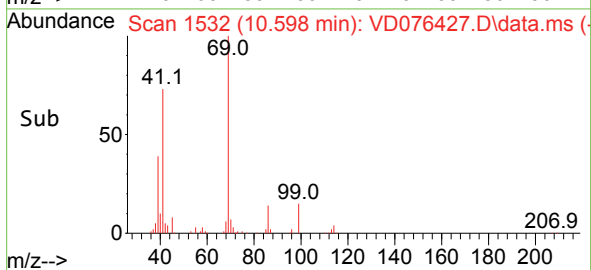
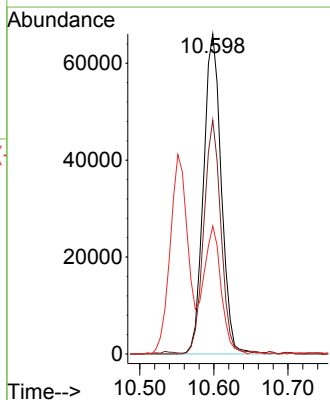
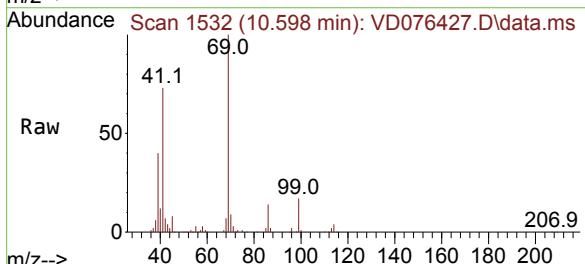
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

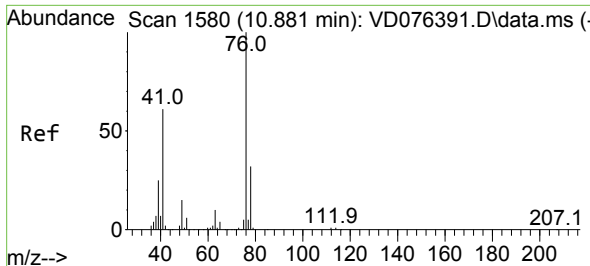
Tgt Ion:	97	Resp:	81397
Ion	Ratio	Lower	Upper
97	100		
83	93.4	65.8	98.6
85	57.7	45.7	68.5
99	63.9	46.2	69.4



#56
Ethyl methacrylate
Concen: 51.745 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD076427.D
Acq: 14 Jun 2023 19:34

Tgt Ion:	69	Resp:	109843
Ion	Ratio	Lower	Upper
69	100		
41	70.0	39.1	58.7#
39	39.4	20.0	30.0#

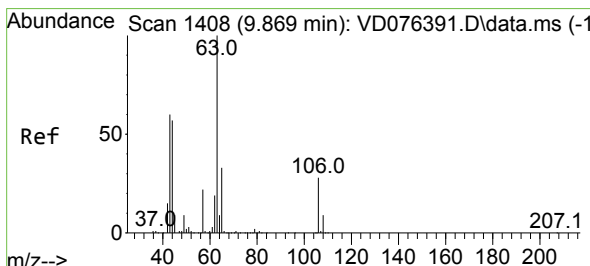
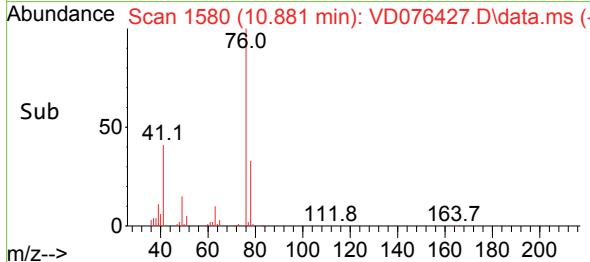
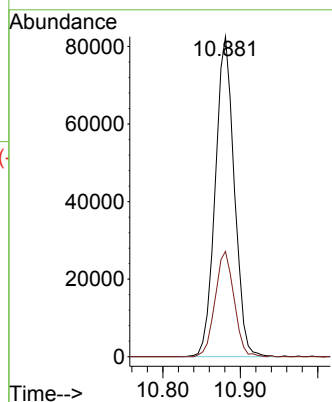
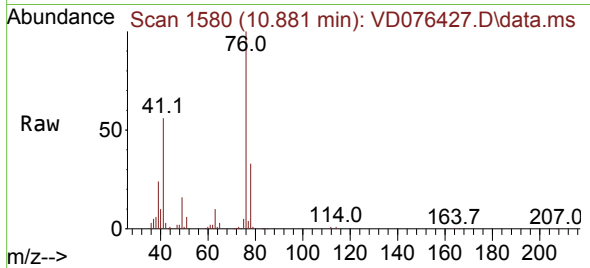




#57
1,3-Dichloropropane
Concen: 52.756 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VD076427.D
Acq: 14 Jun 2023 19:34

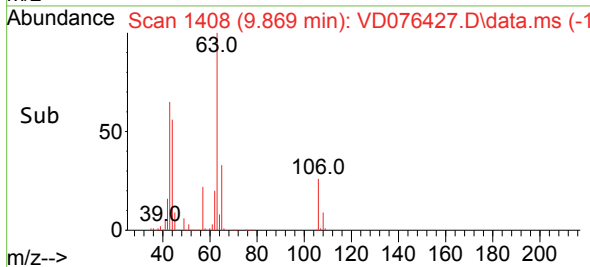
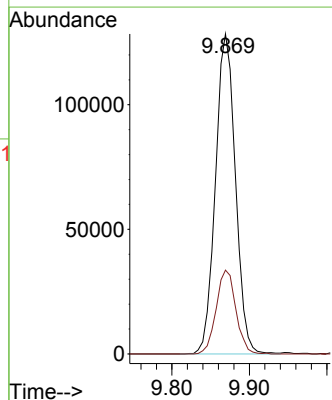
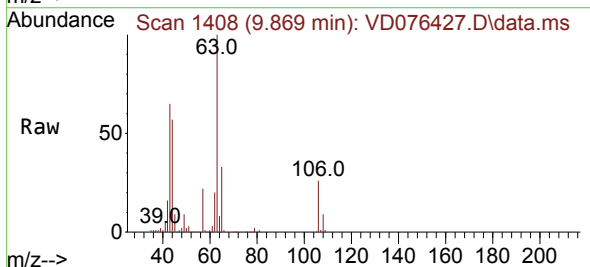
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

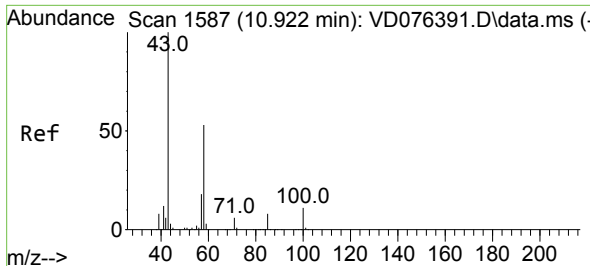
Tgt Ion: 76 Resp: 140280
Ion Ratio Lower Upper
76 100
78 32.8 26.4 39.6



#58
2-Chloroethyl Vinyl ether
Concen: 265.722 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. 0.000 min
Lab File: VD076427.D
Acq: 14 Jun 2023 19:34

Tgt Ion: 63 Resp: 229760
Ion Ratio Lower Upper
63 100
106 25.8 25.3 37.9

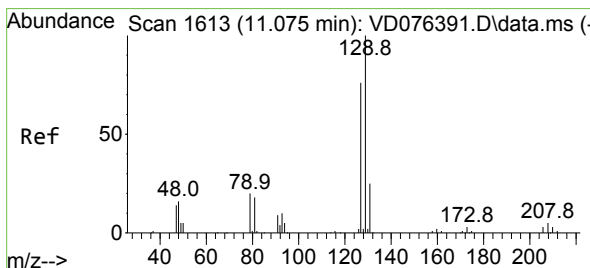
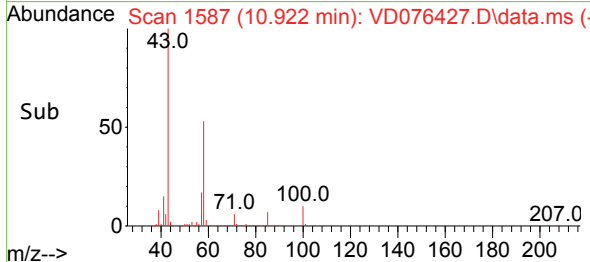
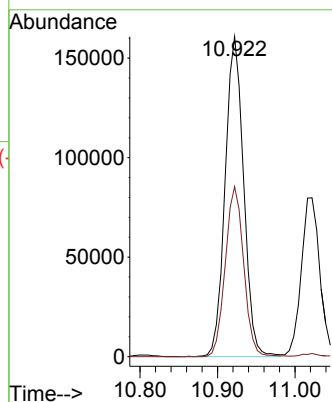
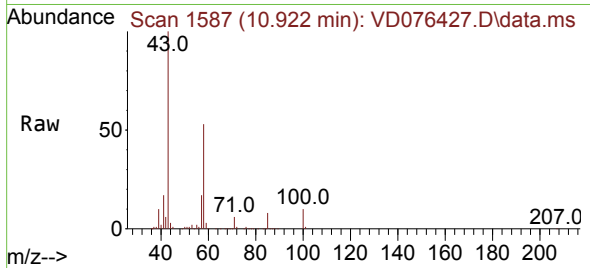




#59
2-Hexanone
Concen: 259.299 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD076427.D
Acq: 14 Jun 2023 19:34

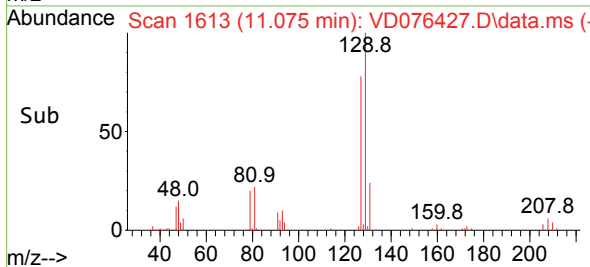
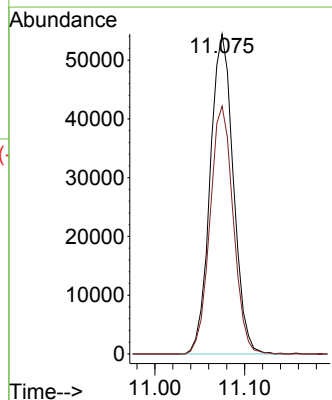
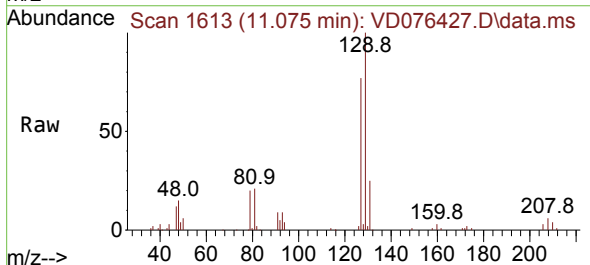
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

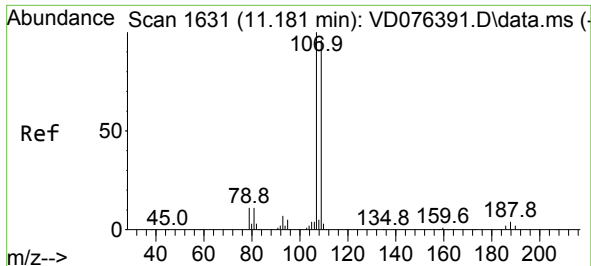
Tgt Ion: 43 Resp: 267175
Ion Ratio Lower Upper
43 100
58 53.0 34.1 102.2



#60
Dibromochloromethane
Concen: 51.663 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD076427.D
Acq: 14 Jun 2023 19:34

Tgt Ion: 129 Resp: 97709
Ion Ratio Lower Upper
129 100
127 77.6 37.1 111.5

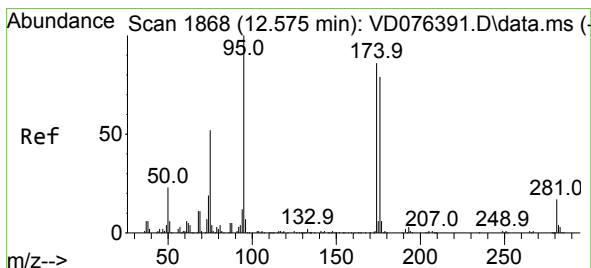
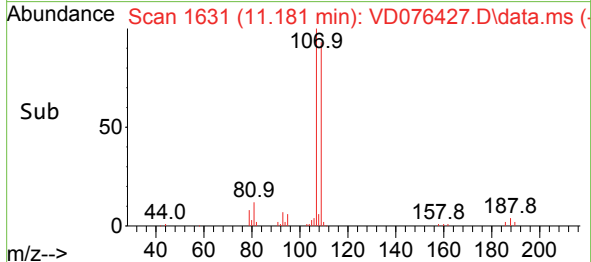
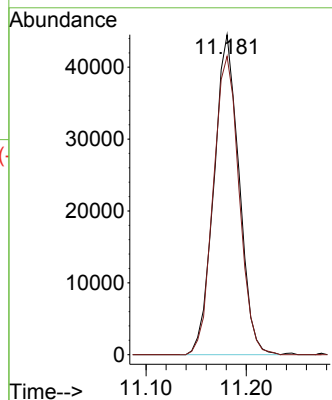
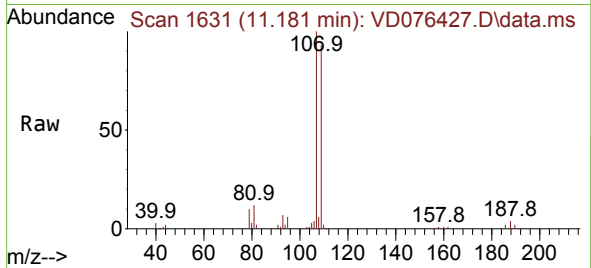




#61
1,2-Dibromoethane
Concen: 52.136 ug/l
RT: 11.181 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD076427.D
Acq: 14 Jun 2023 19:34

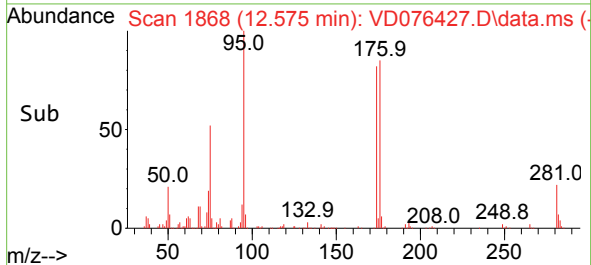
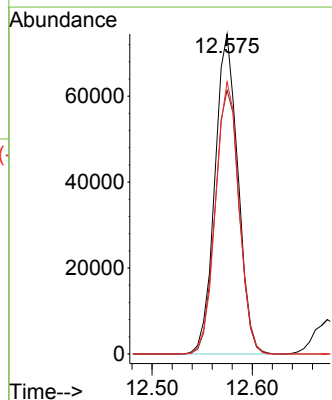
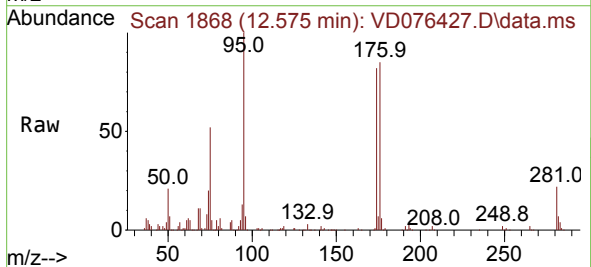
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

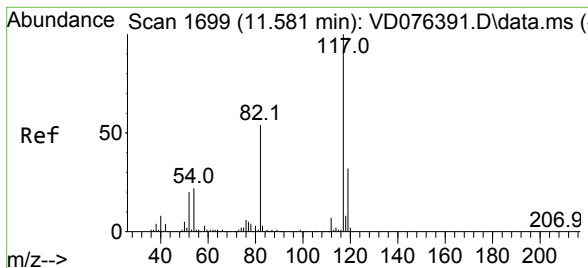
Tgt Ion:107 Resp: 77315
Ion Ratio Lower Upper
107 100
109 96.0 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 49.709 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD076427.D
Acq: 14 Jun 2023 19:34

Tgt Ion: 95 Resp: 118822
Ion Ratio Lower Upper
95 100
174 86.4 0.0 201.8
176 86.3 0.0 191.8

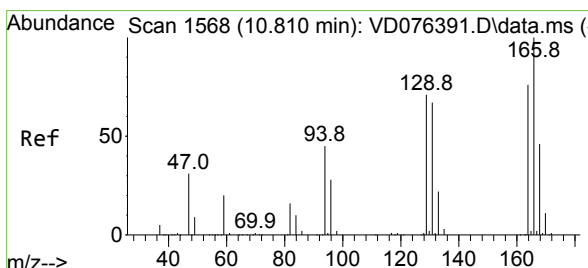
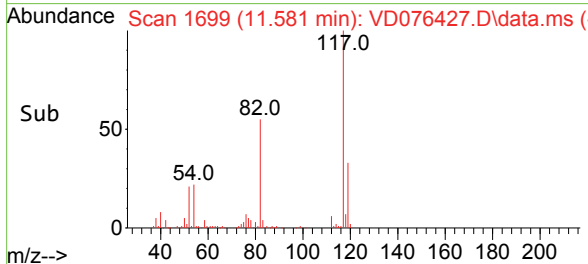
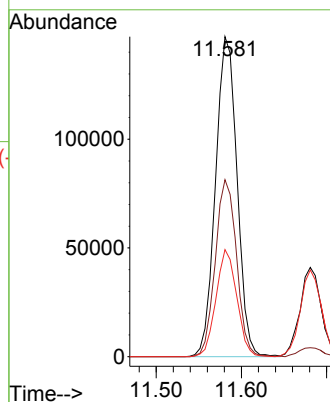
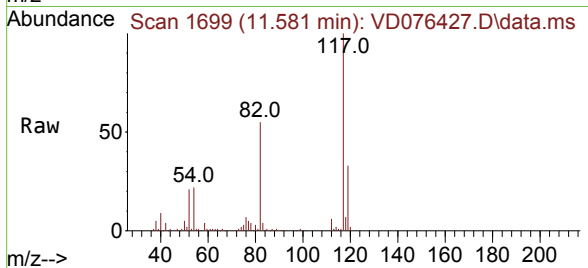




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD076427.D
Acq: 14 Jun 2023 19:34

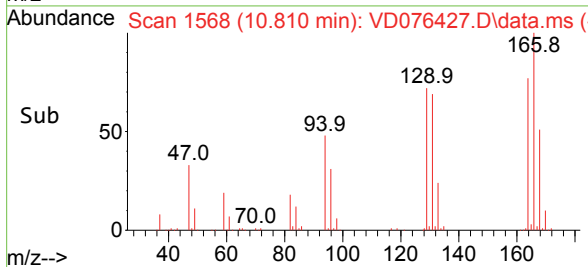
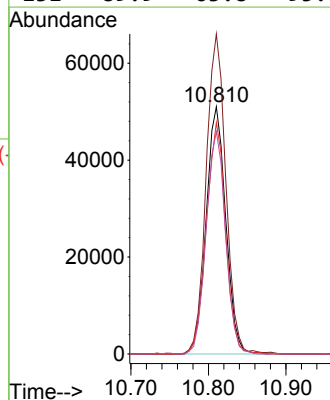
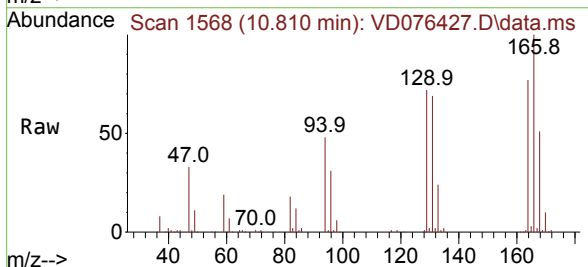
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

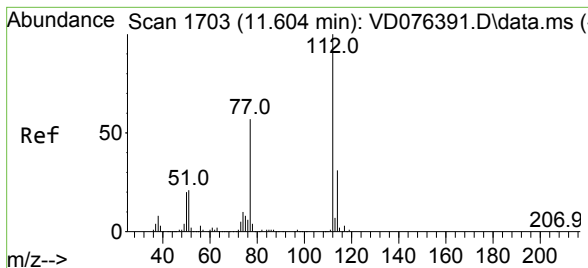
Tgt Ion:117 Resp: 258488
Ion Ratio Lower Upper
117 100
82 55.3 38.3 57.5
119 33.4 25.0 37.4



#64
Tetrachloroethene
Concen: 50.621 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD076427.D
Acq: 14 Jun 2023 19:34

Tgt Ion:164 Resp: 89831
Ion Ratio Lower Upper
164 100
166 129.4 99.2 148.8
129 93.6 68.4 102.6
131 89.9 63.8 95.8





#65

Chlorobenzene

Concen: 51.902 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. 0.006 min

Lab File: VD076427.D

Acq: 14 Jun 2023 19:34

Instrument :

MSVOA_D

ClientSampleId :

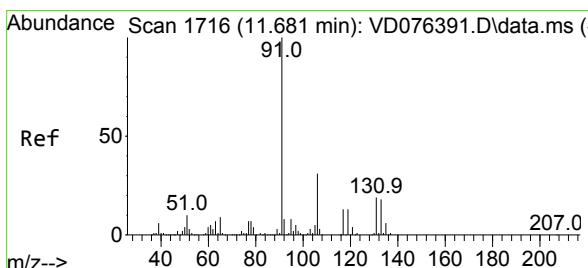
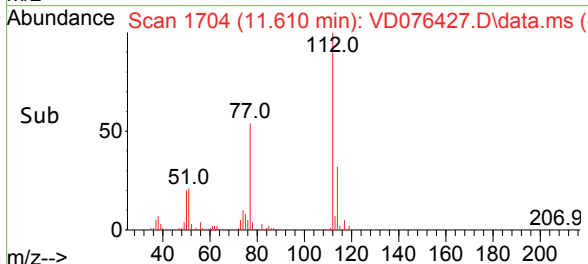
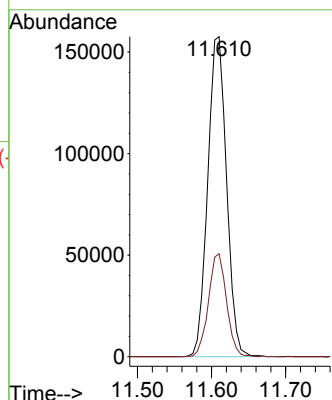
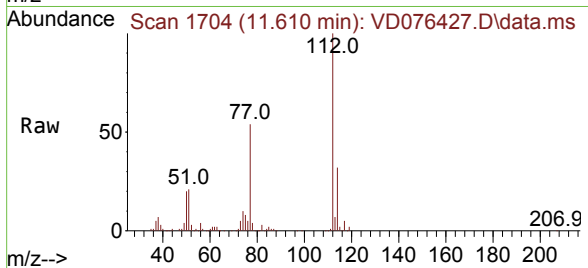
VSTDCCC050EC

Tgt Ion:112 Resp: 278090

Ion Ratio Lower Upper

112 100

114 32.1 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 50.020 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD076427.D

Acq: 14 Jun 2023 19:34

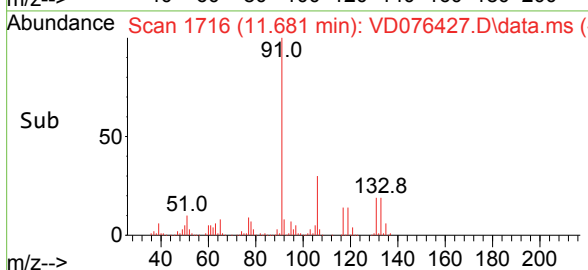
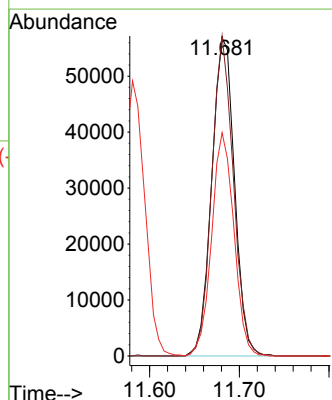
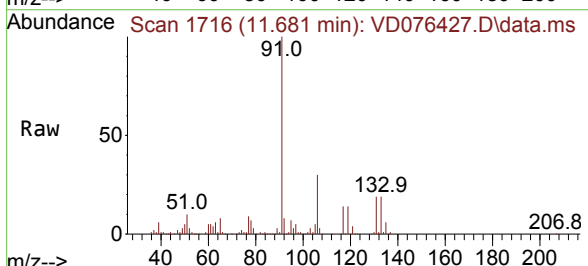
Tgt Ion:131 Resp: 100210

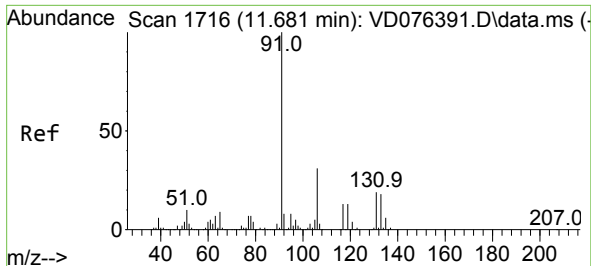
Ion Ratio Lower Upper

131 100

133 95.6 48.5 145.5

119 68.6 35.6 106.9





#67

Ethyl Benzene

Concen: 50.992 ug/l

RT: 11.687 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VD076427.D

Acq: 14 Jun 2023 19:34

Instrument :

MSVOA_D

ClientSampleId :

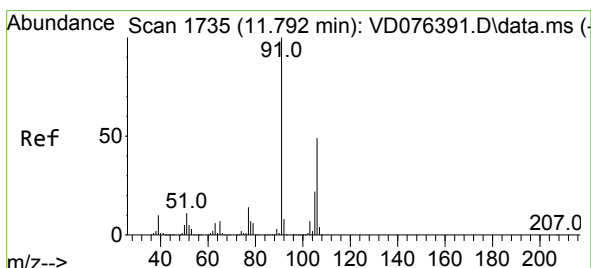
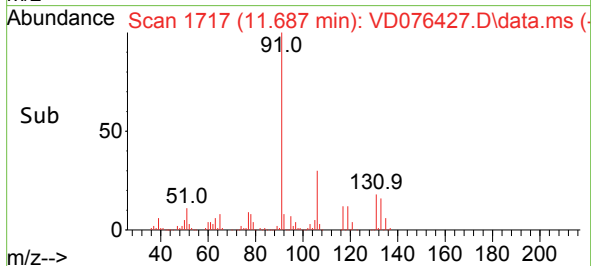
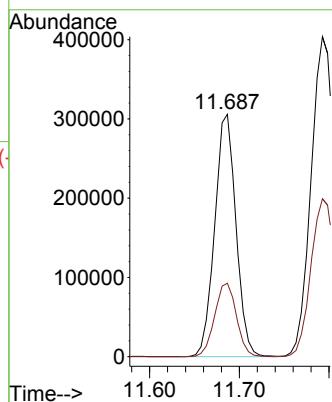
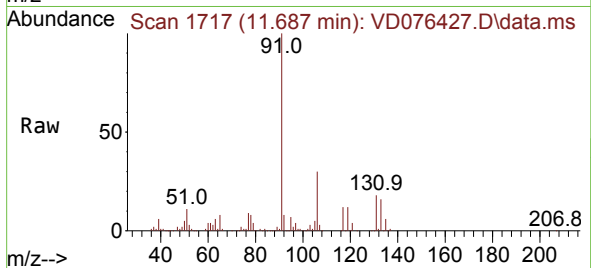
VSTDCCC050EC

Tgt Ion: 91 Resp: 503208

Ion Ratio Lower Upper

91 100

106 30.3 26.5 39.7



#68

m/p-Xylenes

Concen: 102.984 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD076427.D

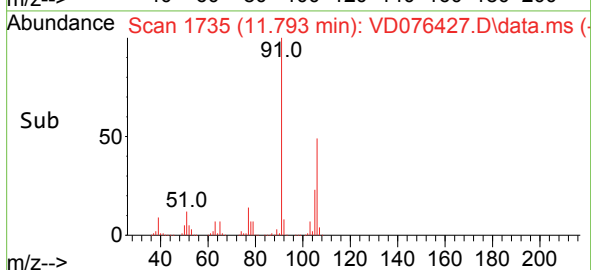
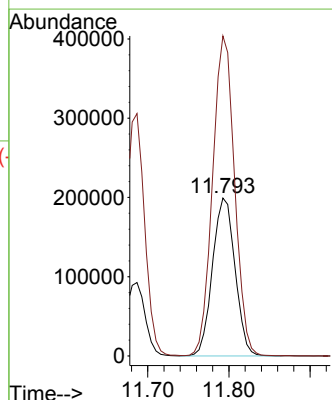
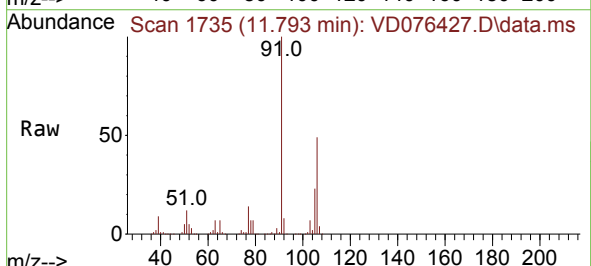
Acq: 14 Jun 2023 19:34

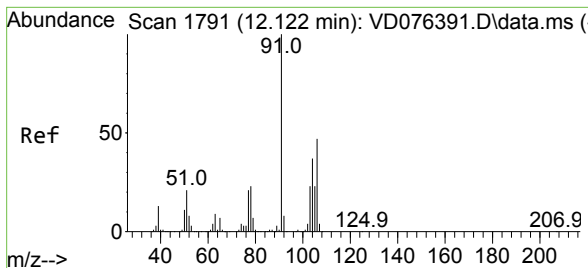
Tgt Ion:106 Resp: 384530

Ion Ratio Lower Upper

106 100

91 198.1 147.0 220.6

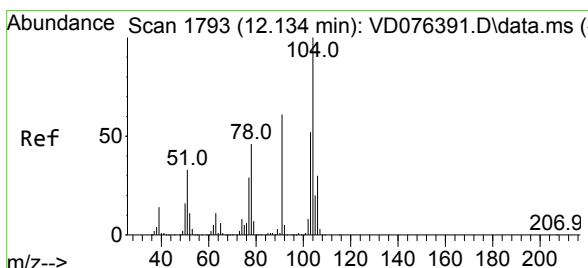
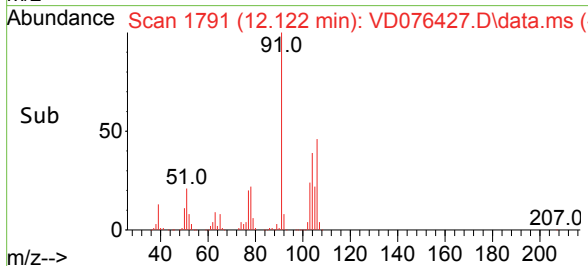
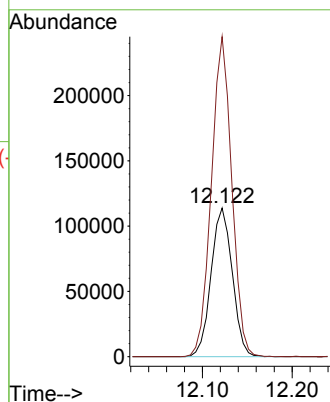
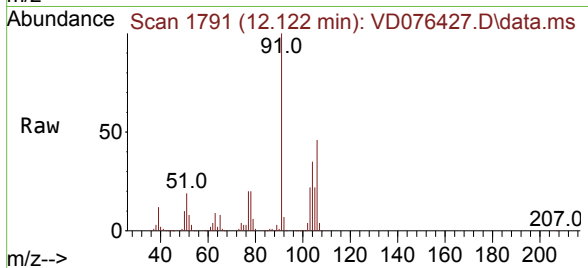




#69
o-Xylene
Concen: 52.117 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD076427.D
Acq: 14 Jun 2023 19:34

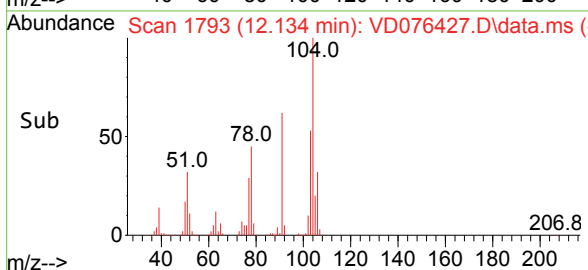
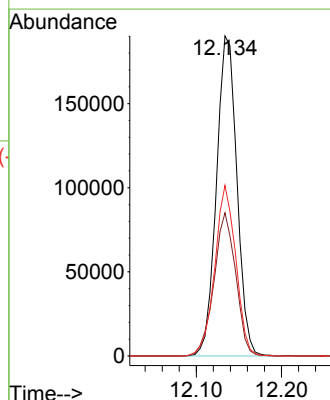
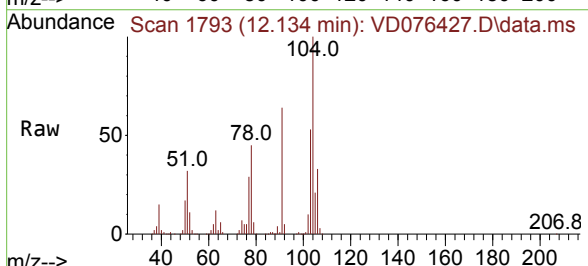
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

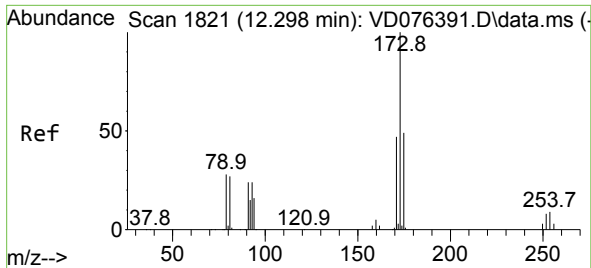
Tgt Ion:106 Resp: 186934
Ion Ratio Lower Upper
106 100
91 207.1 97.9 293.6



#70
Styrene
Concen: 52.038 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD076427.D
Acq: 14 Jun 2023 19:34

Tgt Ion:104 Resp: 318451
Ion Ratio Lower Upper
104 100
78 47.2 33.2 49.8
103 54.7 43.6 65.4

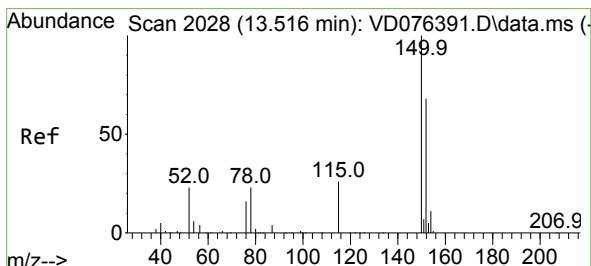
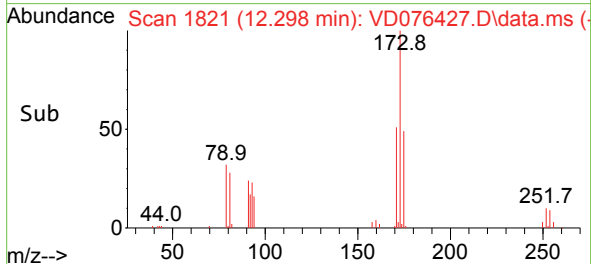
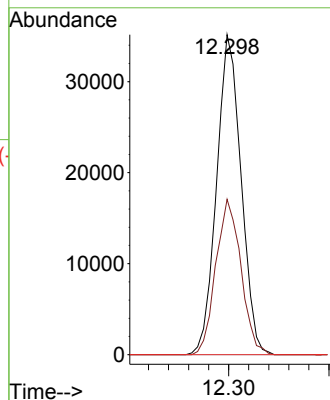
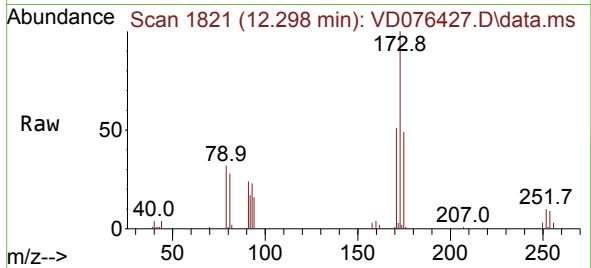




#71
Bromoform
Concen: 50.977 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD076427.D
Acq: 14 Jun 2023 19:34

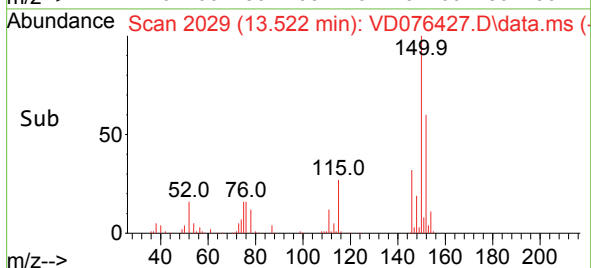
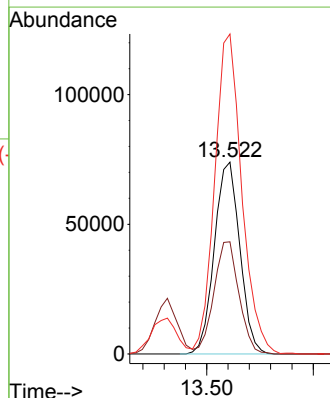
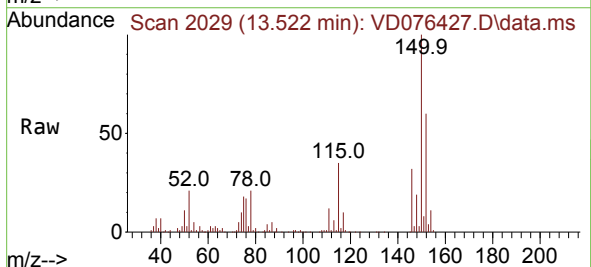
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

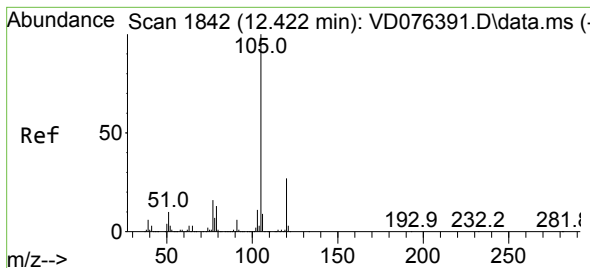
Tgt Ion:173 Resp: 59568
Ion Ratio Lower Upper
173 100
175 49.9 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD076427.D
Acq: 14 Jun 2023 19:34

Tgt Ion:152 Resp: 122819
Ion Ratio Lower Upper
152 100
115 57.7 27.1 81.3
150 177.4 0.0 353.6





#73

Isopropylbenzene

Concen: 51.118 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD076427.D

Acq: 14 Jun 2023 19:34

Instrument :

MSVOA_D

ClientSampleId :

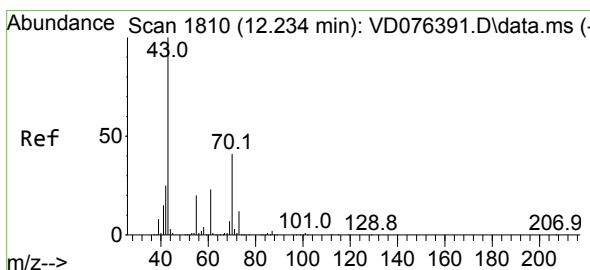
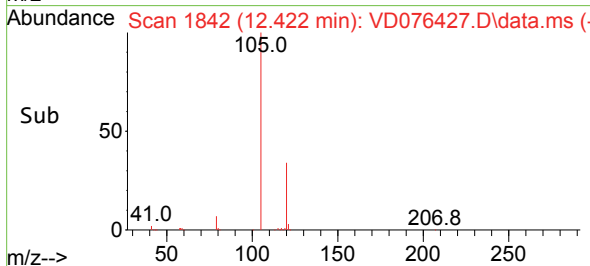
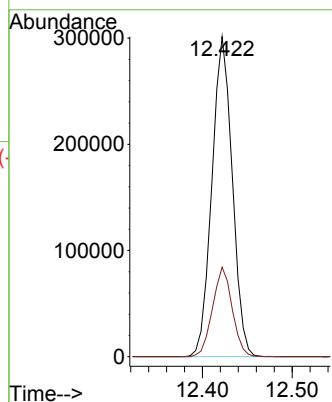
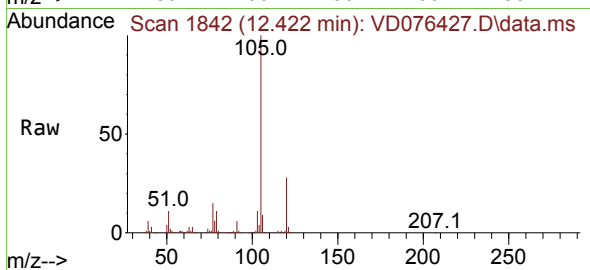
VSTDCCC050EC

Tgt Ion:105 Resp: 474805

Ion Ratio Lower Upper

105 100

120 26.9 14.3 42.9



#74

N-ethyl acetate

Concen: 50.209 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VD076427.D

Acq: 14 Jun 2023 19:34

Tgt Ion: 43 Resp: 142222

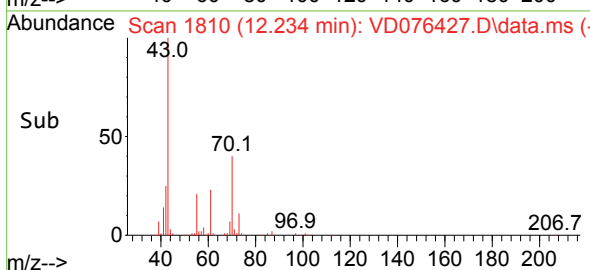
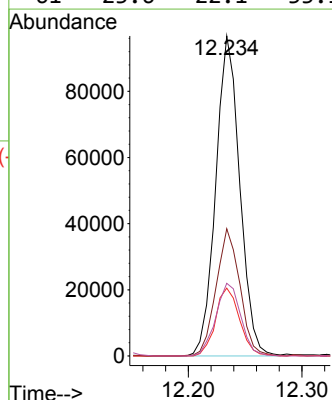
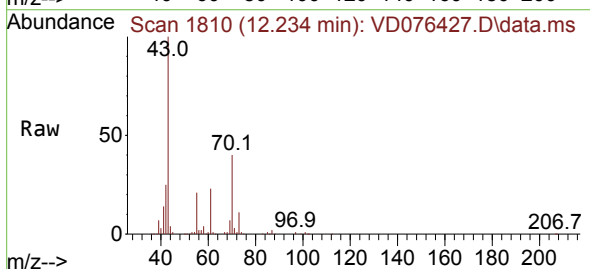
Ion Ratio Lower Upper

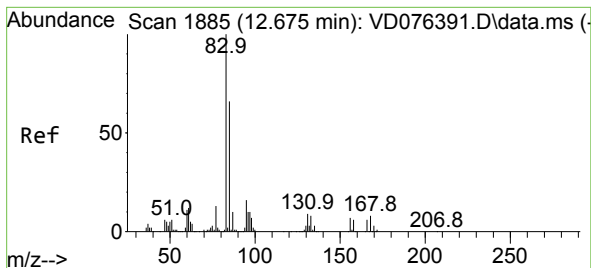
43 100

70 39.3 45.0 67.4#

55 21.3 23.8 35.6#

61 23.6 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 54.250 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VD076427.D

Acq: 14 Jun 2023 19:34

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

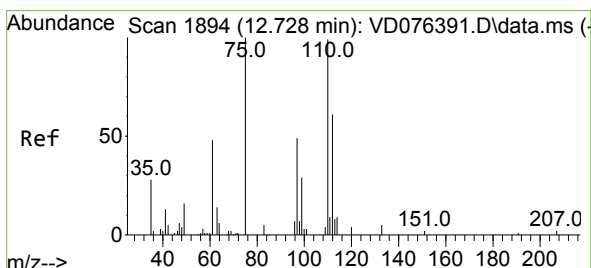
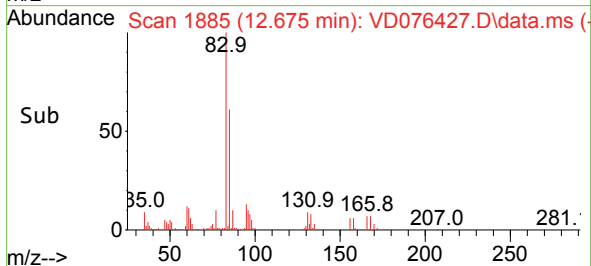
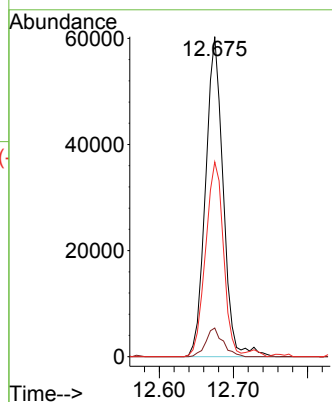
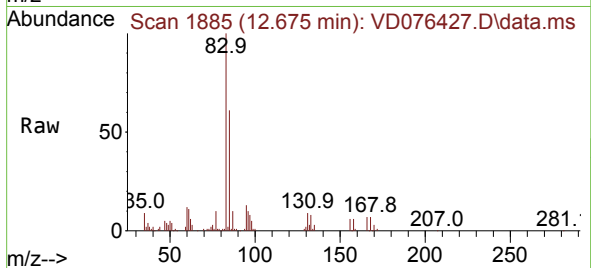
Tgt Ion: 83 Resp: 99505

Ion Ratio Lower Upper

83 100

131 8.7 5.1 15.3

85 61.7 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 103.452 ug/l

RT: 12.728 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VD076427.D

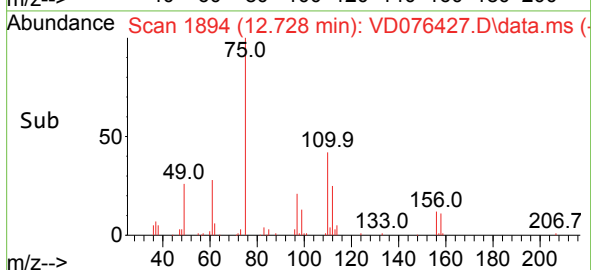
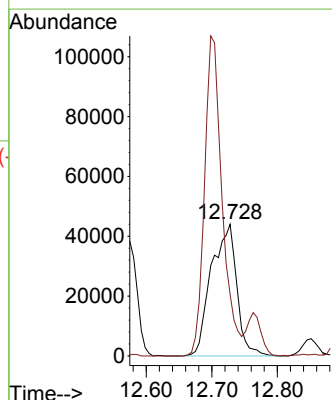
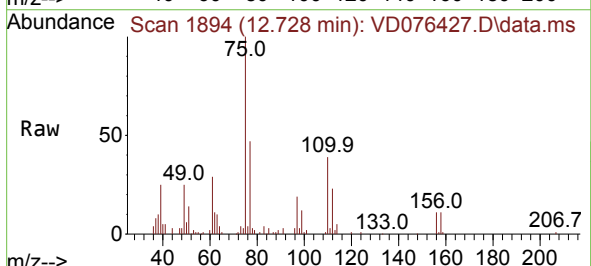
Acq: 14 Jun 2023 19:34

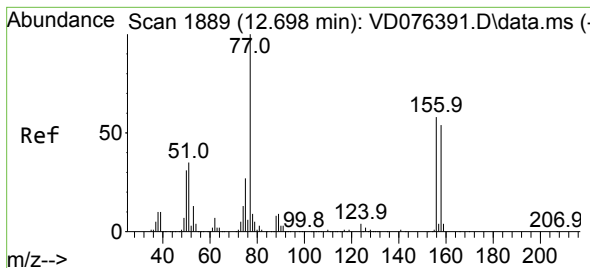
Tgt Ion: 75 Resp: 118784

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.405 ug/l

RT: 12.704 min Scan# 1889

Delta R.T. 0.006 min

Lab File: VD076427.D

Acq: 14 Jun 2023 19:34

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

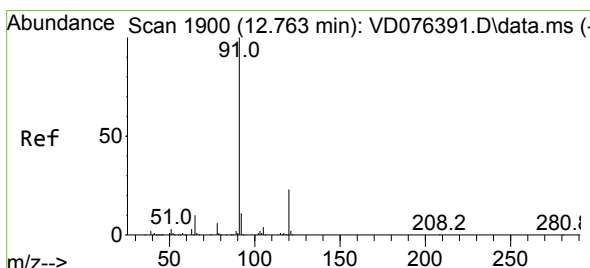
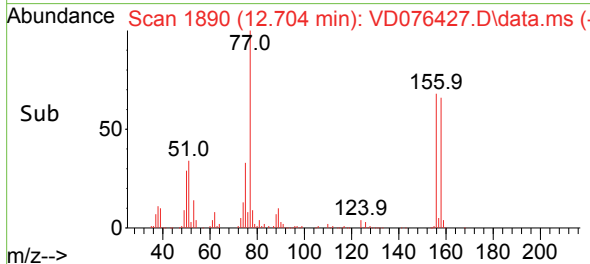
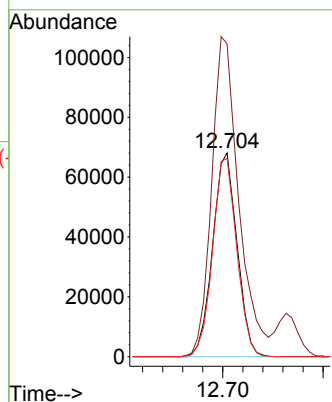
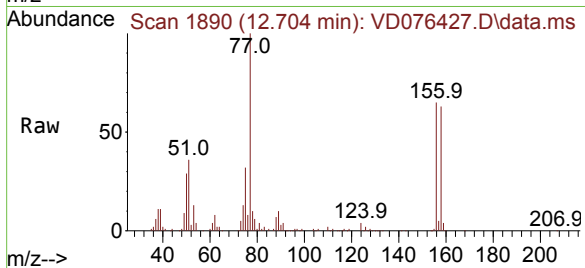
Tgt Ion:156 Resp: 114846

Ion Ratio Lower Upper

156 100

77 174.7 76.8 230.4

158 96.6 48.6 145.9



#78

n-propylbenzene

Concen: 51.700 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD076427.D

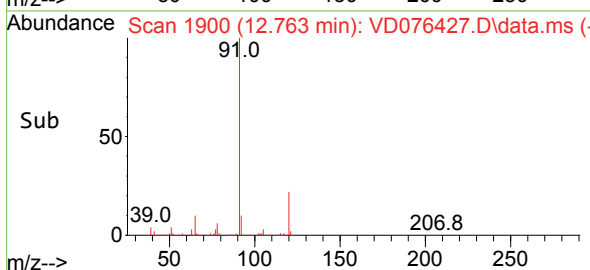
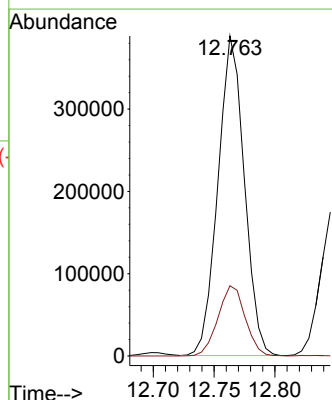
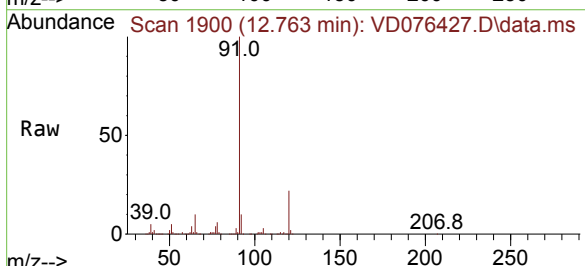
Acq: 14 Jun 2023 19:34

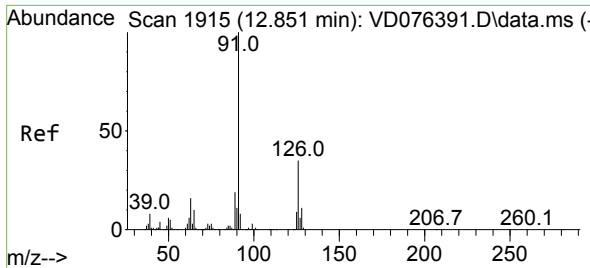
Tgt Ion: 91 Resp: 585333

Ion Ratio Lower Upper

91 100

120 22.7 12.4 37.2

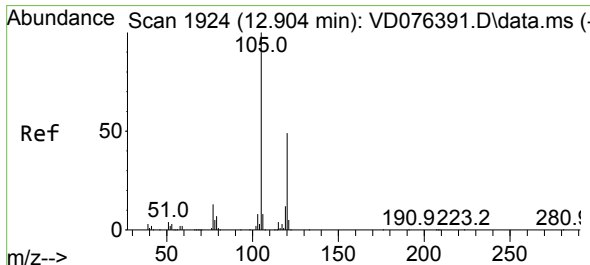
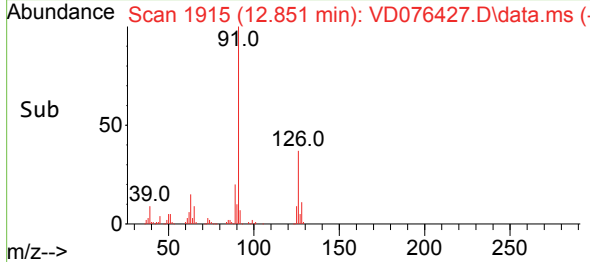
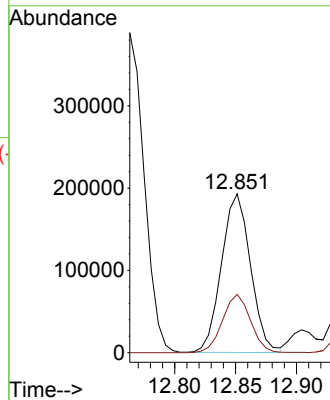
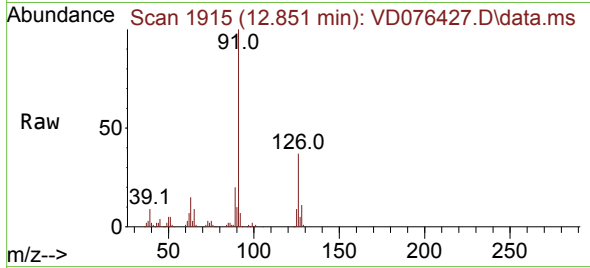




#79
2-Chlorotoluene
Concen: 49.903 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD076427.D
Acq: 14 Jun 2023 19:34

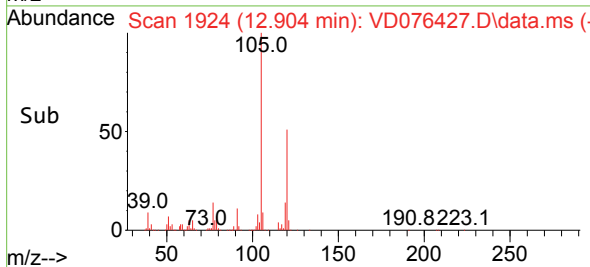
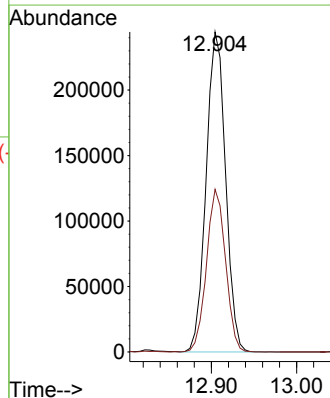
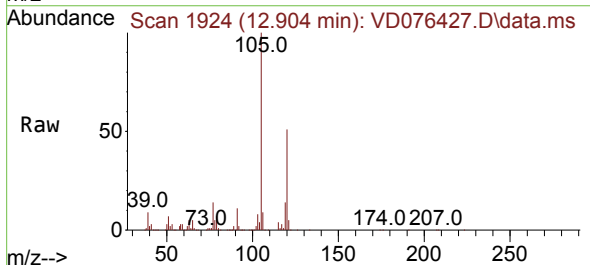
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

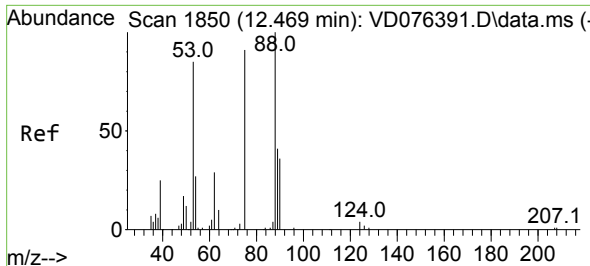
Tgt Ion: 91 Resp: 319715
Ion Ratio Lower Upper
91 100
126 35.4 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 49.794 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD076427.D
Acq: 14 Jun 2023 19:34

Tgt Ion: 105 Resp: 386045
Ion Ratio Lower Upper
105 100
120 50.0 26.4 79.2

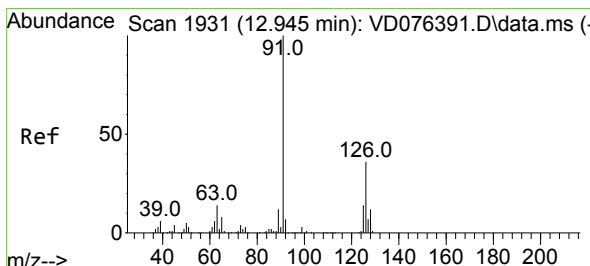
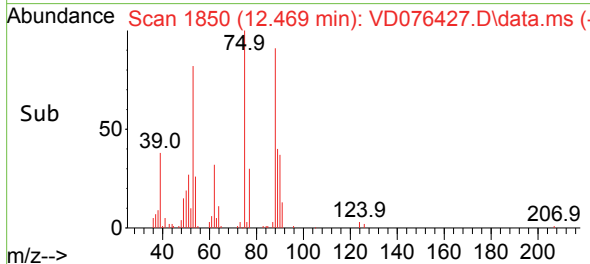
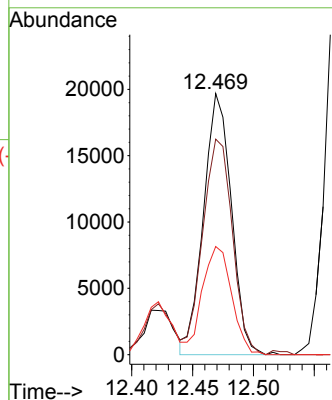
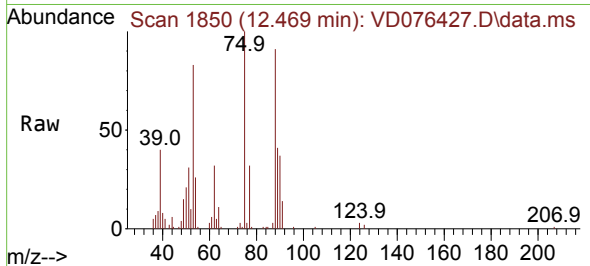




#81
trans-1,4-Dichloro-2-butene
Concen: 48.780 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD076427.D
Acq: 14 Jun 2023 19:34

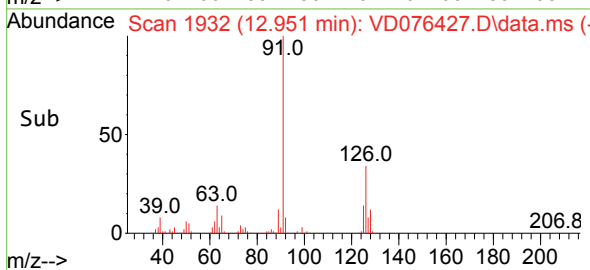
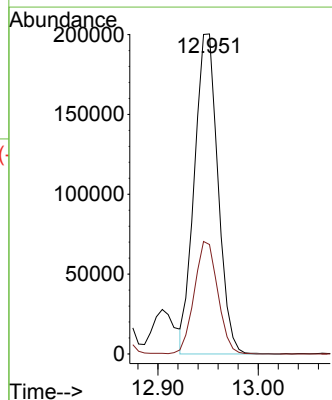
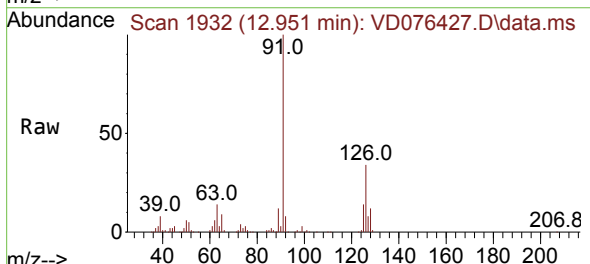
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

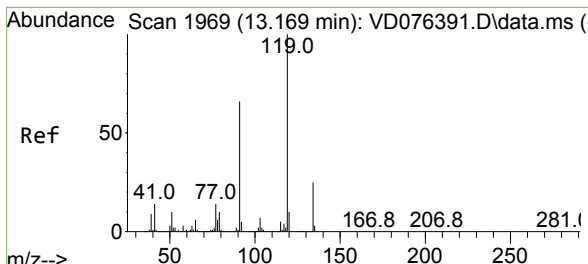
Tgt Ion: 75 Resp: 31283
Ion Ratio Lower Upper
75 100
53 88.2 63.0 94.4
89 43.0 37.9 56.9



#82
4-Chlorotoluene
Concen: 48.721 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.006 min
Lab File: VD076427.D
Acq: 14 Jun 2023 19:34

Tgt Ion: 91 Resp: 326875
Ion Ratio Lower Upper
91 100
126 35.2 19.4 58.4

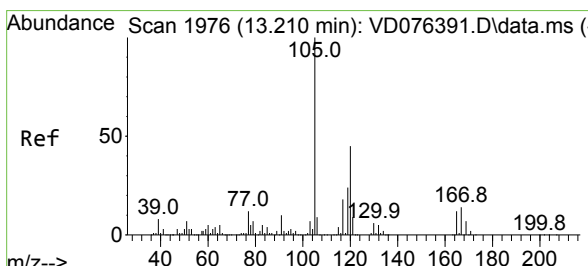
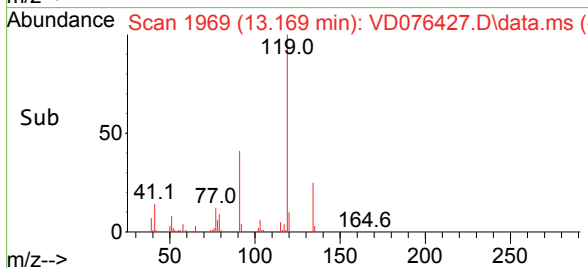
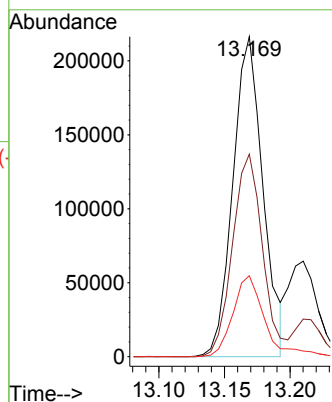
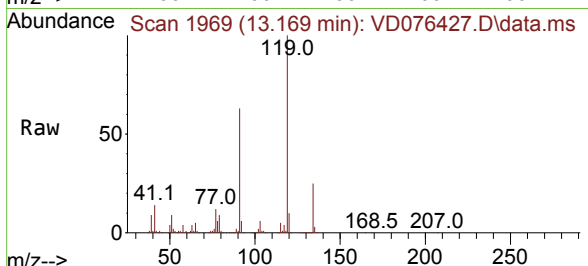




#83
 tert-Butylbenzene
 Concen: 51.899 ug/l
 RT: 13.169 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD076427.D
 Acq: 14 Jun 2023 19:34

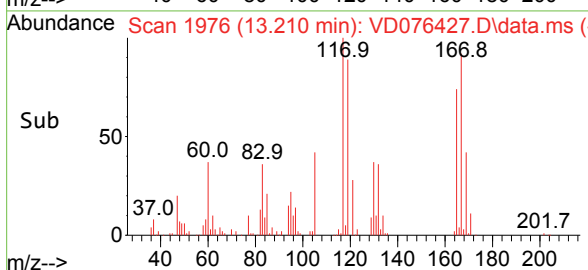
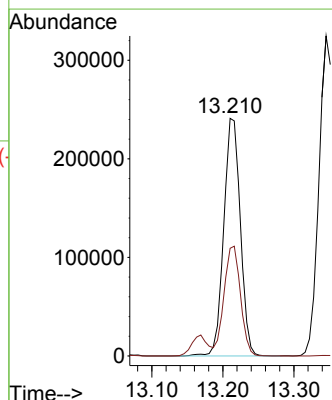
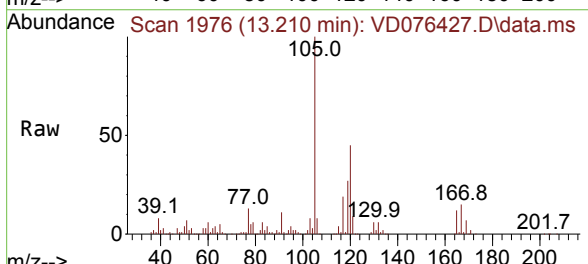
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

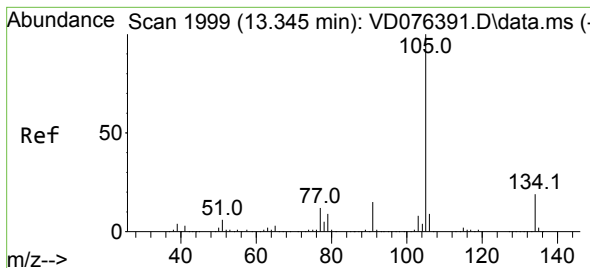
Tgt Ion:119	Resp:	345288
Ion	Ratio	Lower Upper
119	100	
91	63.6	29.3 87.8
134	26.7	14.1 42.3



#84
 1,2,4-Trimethylbenzene
 Concen: 50.932 ug/l
 RT: 13.210 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VD076427.D
 Acq: 14 Jun 2023 19:34

Tgt Ion:105	Resp:	390131
Ion	Ratio	Lower Upper
105	100	
120	45.7	24.3 72.9





#85

sec-Butylbenzene

Concen: 51.846 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD076427.D

Acq: 14 Jun 2023 19:34

Instrument :

MSVOA_D

ClientSampleId :

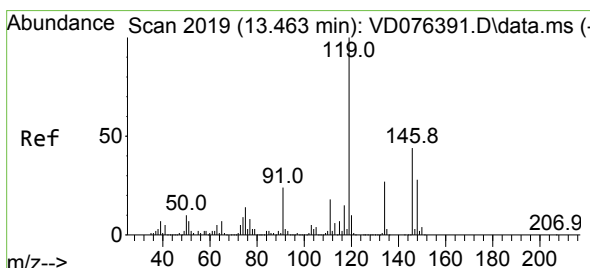
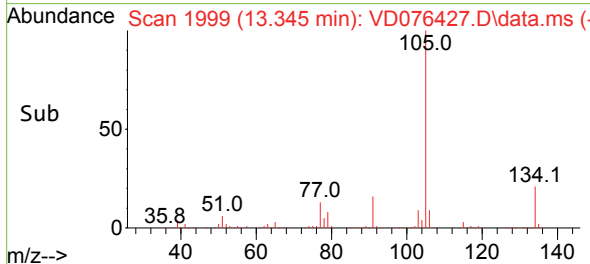
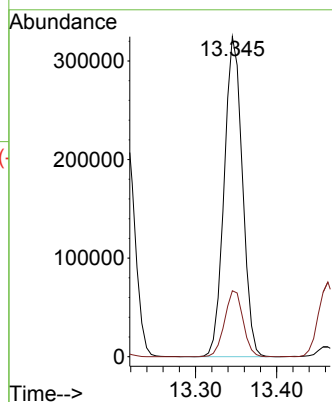
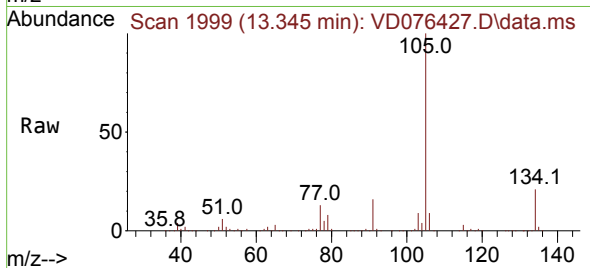
VSTDCCC050EC

Tgt Ion:105 Resp: 507685

Ion Ratio Lower Upper

105 100

134 20.8 10.9 32.9



#86

p-Isopropyltoluene

Concen: 51.478 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD076427.D

Acq: 14 Jun 2023 19:34

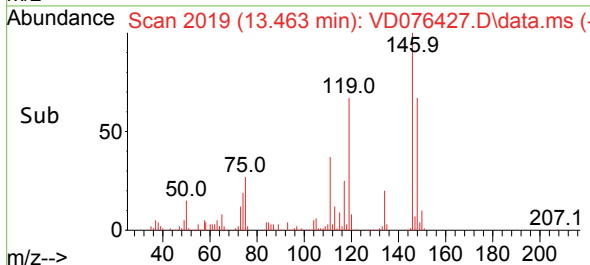
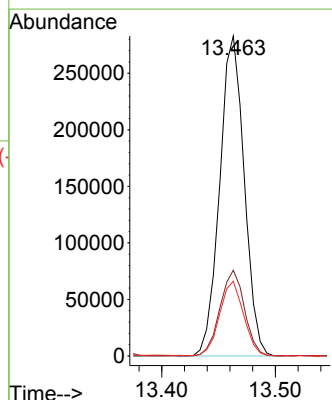
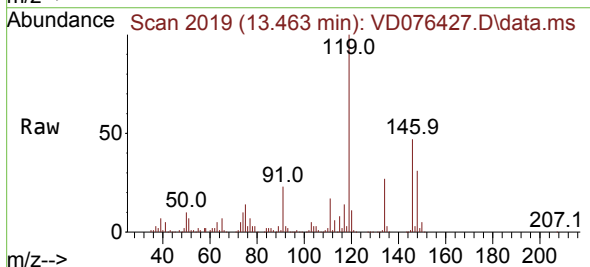
Tgt Ion:119 Resp: 424455

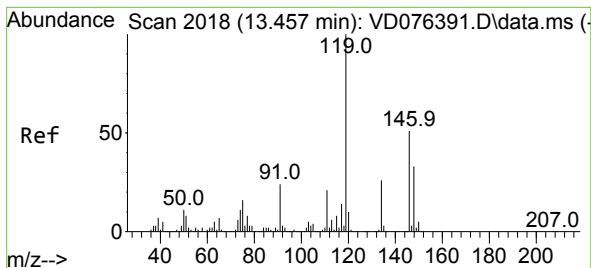
Ion Ratio Lower Upper

119 100

134 26.8 14.2 42.6

91 22.9 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 52.412 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD076427.D

Acq: 14 Jun 2023 19:34

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

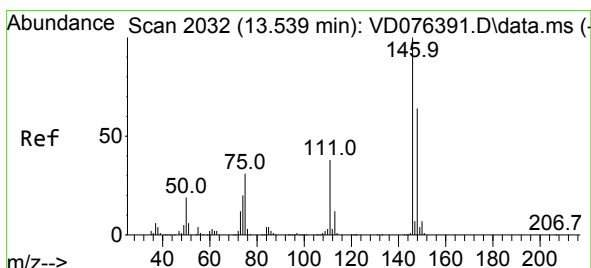
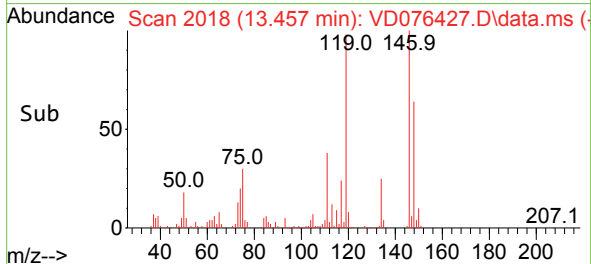
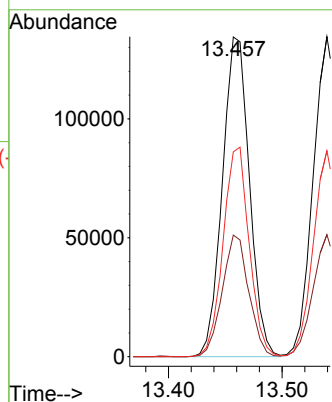
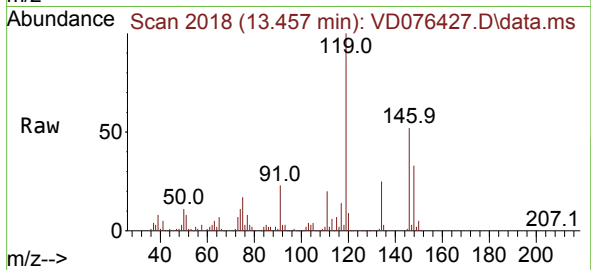
Tgt Ion:146 Resp: 222292

Ion Ratio Lower Upper

146 100

111 37.3 17.9 53.8

148 63.3 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 52.213 ug/l

RT: 13.540 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD076427.D

Acq: 14 Jun 2023 19:34

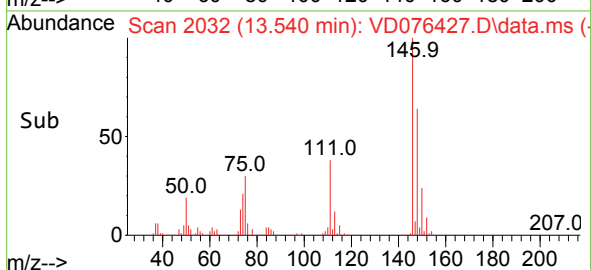
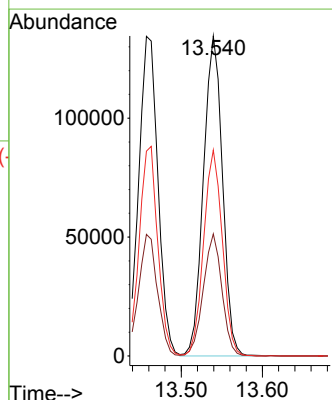
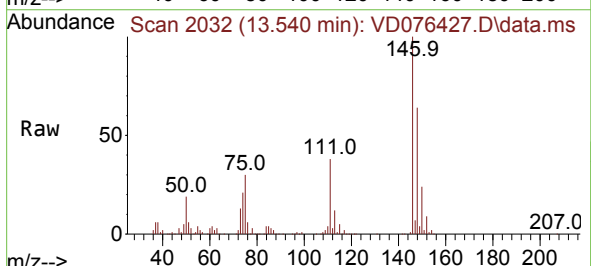
Tgt Ion:146 Resp: 218846

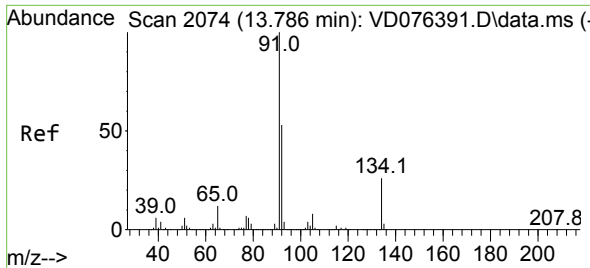
Ion Ratio Lower Upper

146 100

111 37.3 17.4 52.3

148 63.4 31.7 95.1

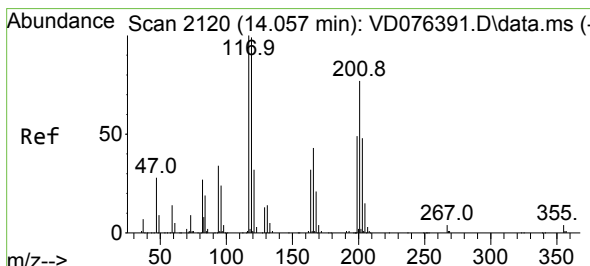
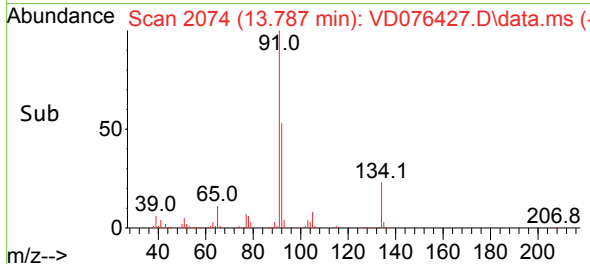
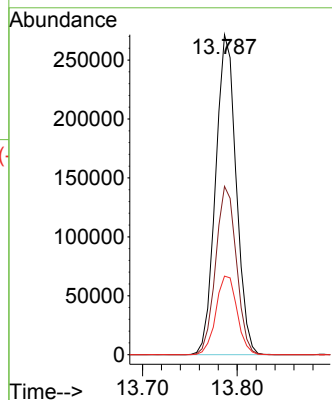
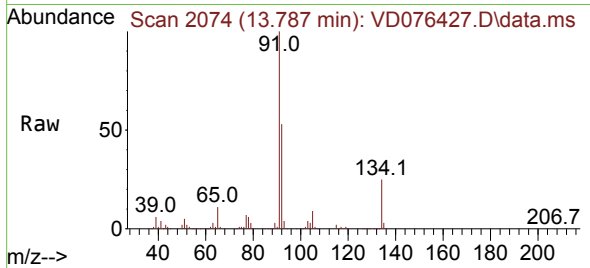




#89
n-Butylbenzene
Concen: 51.632 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD076427.D
Acq: 14 Jun 2023 19:34

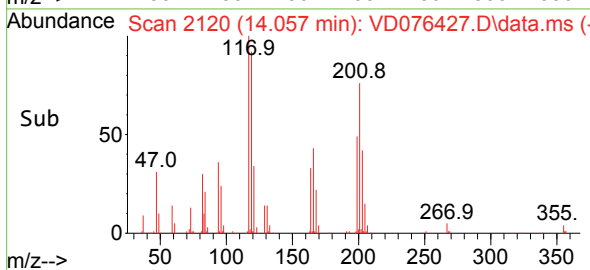
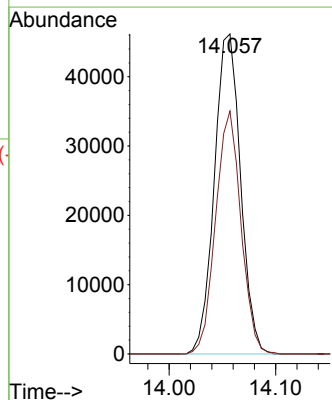
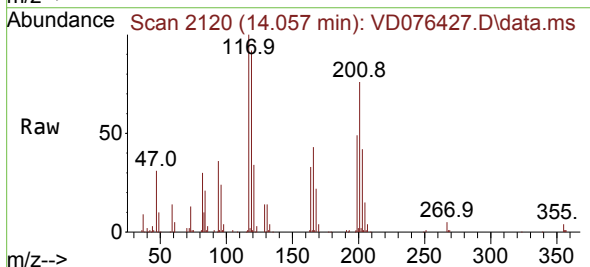
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

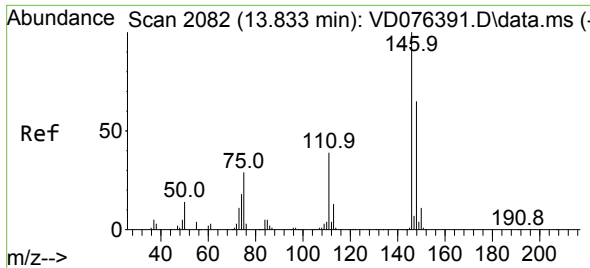
Tgt Ion: 91 Resp: 409036
Ion Ratio Lower Upper
91 100
92 53.1 26.5 79.5
134 25.4 13.8 41.3



#90
Hexachloroethane
Concen: 51.870 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.000 min
Lab File: VD076427.D
Acq: 14 Jun 2023 19:34

Tgt Ion: 117 Resp: 78925
Ion Ratio Lower Upper
117 100
201 73.2 38.5 115.5

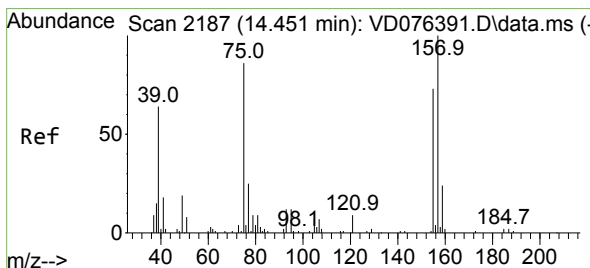
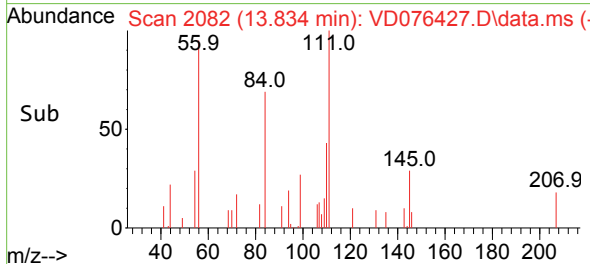
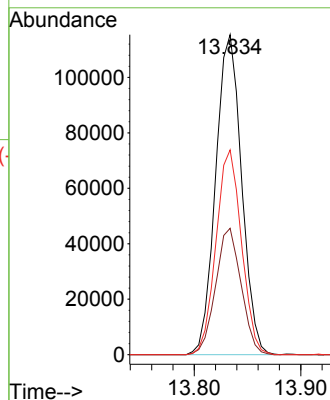
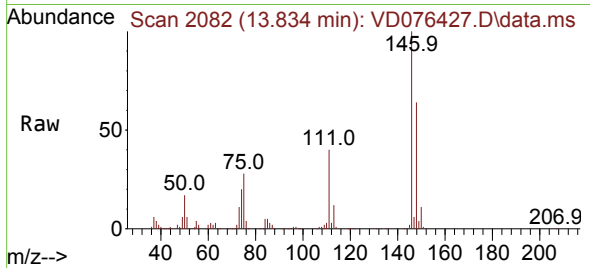




#91
1,2-Dichlorobenzene
Concen: 52.278 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD076427.D
Acq: 14 Jun 2023 19:34

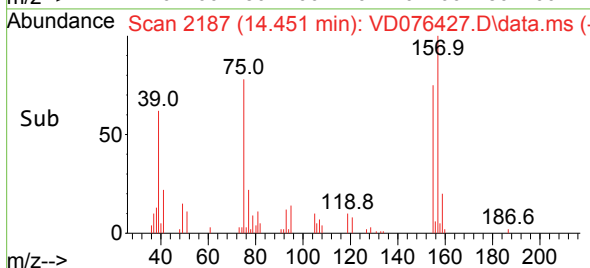
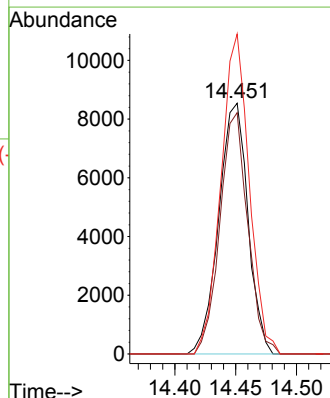
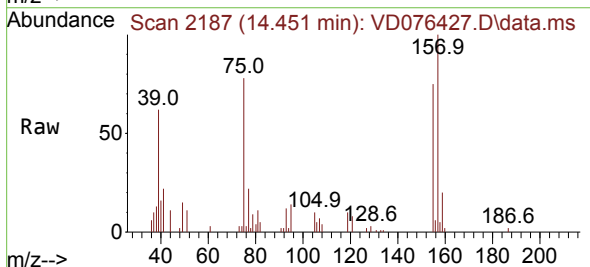
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

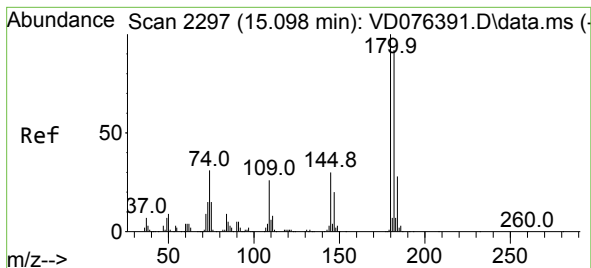
Tgt Ion:146 Resp: 194997
Ion Ratio Lower Upper
146 100
111 38.9 18.3 54.8
148 62.8 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.367 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VD076427.D
Acq: 14 Jun 2023 19:34

Tgt Ion: 75 Resp: 14272
Ion Ratio Lower Upper
75 100
155 91.6 47.9 143.8
157 123.0 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 51.493 ug/l

RT: 15.104 min Scan# 2298

Delta R.T. 0.006 min

Lab File: VD076427.D

Acq: 14 Jun 2023 19:34

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

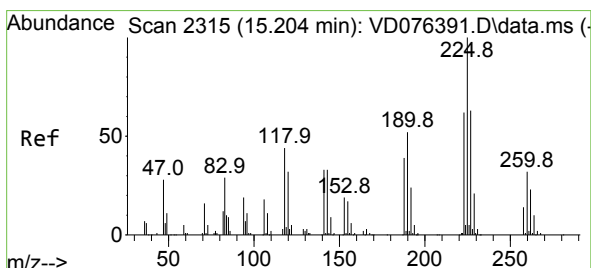
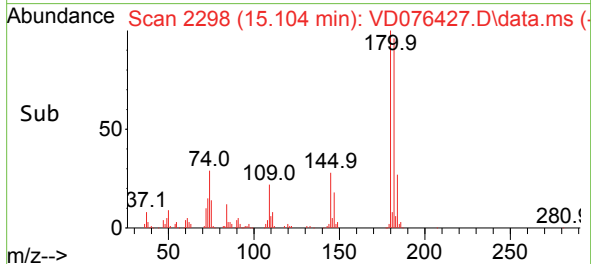
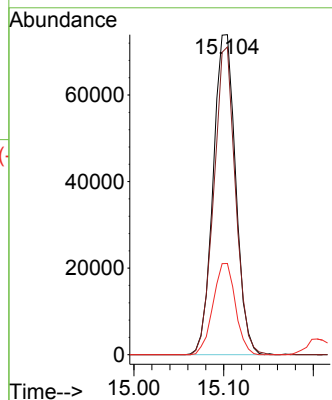
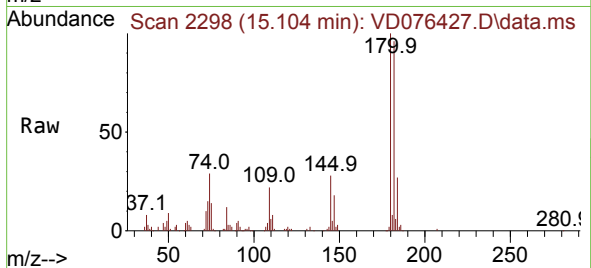
Tgt Ion:180 Resp: 128551

Ion Ratio Lower Upper

180 100

182 92.6 48.5 145.6

145 28.4 14.2 42.6



#94

Hexachlorobutadiene

Concen: 51.434 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD076427.D

Acq: 14 Jun 2023 19:34

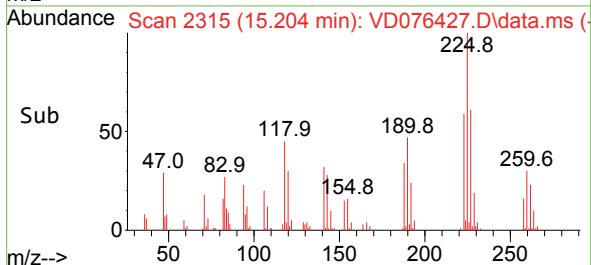
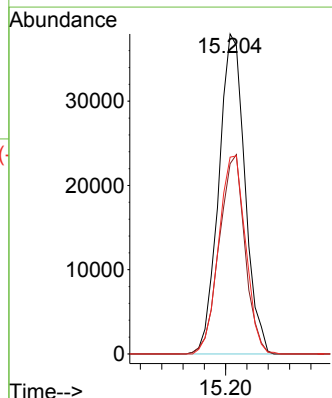
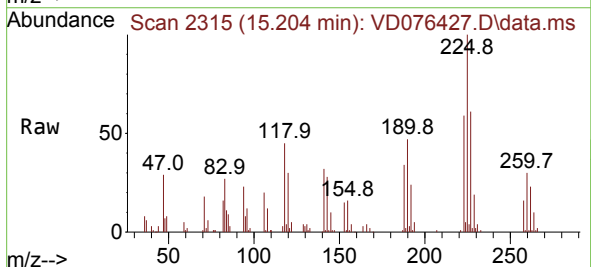
Tgt Ion:225 Resp: 64599

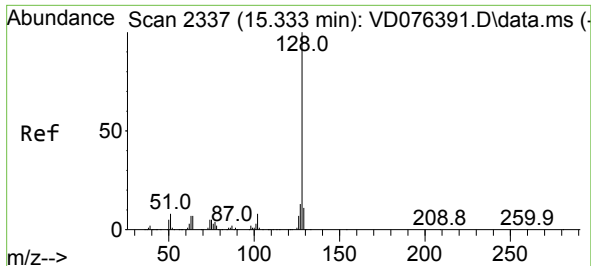
Ion Ratio Lower Upper

225 100

223 61.4 31.6 94.8

227 63.9 31.7 95.1

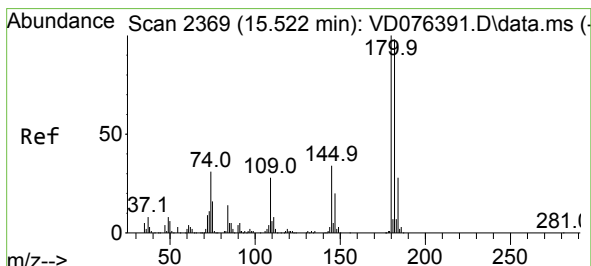
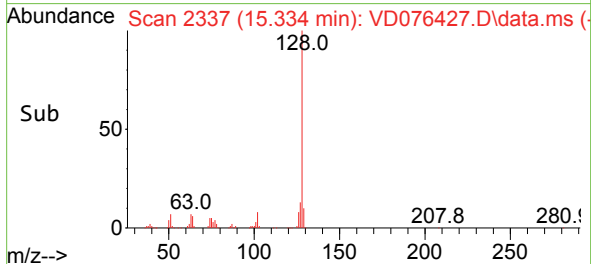
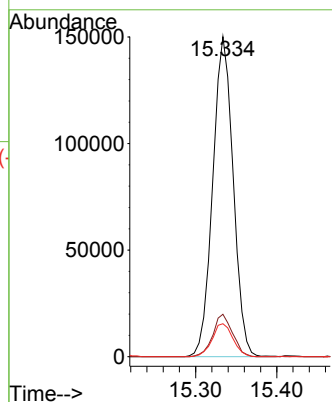
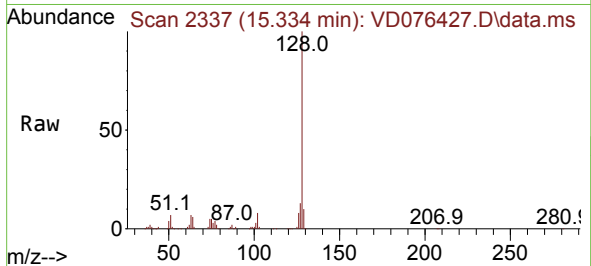




#95
Naphthalene
Concen: 52.435 ug/l
RT: 15.334 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD076427.D
Acq: 14 Jun 2023 19:34

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 262859
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 10.3 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 52.073 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD076427.D
Acq: 14 Jun 2023 19:34

Tgt Ion:180 Resp: 112277
Ion Ratio Lower Upper
180 100
182 95.2 47.3 141.9
145 30.7 15.1 45.3

