

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081820\
 Data File : VD066292.D
 Acq On : 18 Aug 2020 21:42
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 19 06:44:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:49:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	215721	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	323641	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	310704	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	161657	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	115726	60.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.26%	
35) Dibromofluoromethane	7.91	113	109857	53.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.16%	
50) Toluene-d8	10.33	98	389474	51.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.96%	
62) 4-Bromofluorobenzene	12.63	95	142145	52.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	72595	38.196	ug/l	96
3) Chloromethane	2.20	50	60920	41.206	ug/l	97
4) Vinyl Chloride	2.34	62	57822	44.176	ug/l	96
5) Bromomethane	2.76	94	44435	51.169	ug/l	89
6) Chloroethane	2.92	64	39703	49.415	ug/l	98
7) Trichlorofluoromethane	3.27	101	162993	47.765	ug/l	95
8) Diethyl Ether	3.71	74	50257	52.196	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.09	101	94323	46.575	ug/l	100
10) Methyl Iodide	4.30	142	97787	52.630	ug/l	97
11) Tert butyl alcohol	5.23	59	39423	278.682	ug/l	98
12) 1,1-Dichloroethene	4.06	96	87454	45.777	ug/l	97
13) Acrolein	3.92	56	37587	245.361	ug/l	96
14) Allyl chloride	4.71	41	138427	47.828	ug/l	94
15) Acrylonitrile	5.41	53	120305	296.506	ug/l	98
16) Acetone	4.15	43	91412	250.327	ug/l	98
17) Carbon Disulfide	4.40	76	248648	40.934	ug/l	100
18) Methyl Acetate	4.72	43	54741	59.017	ug/l #	73
19) Methyl tert-butyl Ether	5.47	73	258306	58.989	ug/l	94
20) Methylene Chloride	4.96	84	118429	57.137	ug/l	99
21) trans-1,2-Dichloroethene	5.47	96	107993	49.207	ug/l	98
22) Diisopropyl ether	6.36	45	299563	52.339	ug/l	94
23) Vinyl Acetate	6.30	43	921051	274.691	ug/l	98
24) 1,1-Dichloroethane	6.26	63	185705	52.429	ug/l	99
25) 2-Butanone	7.20	43	140319	261.254	ug/l	98
26) 2,2-Dichloropropane	7.20	77	146458	46.134	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	123971	53.855	ug/l	98
28) Bromochloromethane	7.54	49	69739	56.058	ug/l	95
29) Tetrahydrofuran	7.55	42	93251	280.229	ug/l	94
30) Chloroform	7.70	83	211377	56.833	ug/l	96
31) Cyclohexane	7.98	56	132474	39.290	ug/l	99
32) 1,1,1-Trichloroethane	7.90	97	186468	53.472	ug/l	99
36) 1,1-Dichloropropene	8.11	75	141589	46.556	ug/l	99
37) Ethyl Acetate	7.29	43	65466	54.330	ug/l	98
38) Carbon Tetrachloride	8.09	117	170289	50.211	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	155927	42.413	ug/l	98
40) Benzene	8.34	78	424237	50.285	ug/l	97
41) Methacrylonitrile	7.56	41	93421	131.859	ug/l #	21
42) 1,2-Dichloroethane	8.41	62	145353	58.647	ug/l	98
43) Isopropyl Acetate	8.44	43	131889	55.552	ug/l	97
44) Trichloroethene	9.11	130	127634	50.205	ug/l	96
45) 1,2-Dichloropropane	9.38	63	105673	51.214	ug/l	97
46) Dibromomethane	9.47	93	65604	57.721	ug/l	99
47) Bromodichloromethane	9.66	83	169954	56.577	ug/l	97
48) Methyl methacrylate	9.45	41	63678	52.527	ug/l #	85
49) 1,4-Dioxane	9.45	88	16942	1160.253	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	347158	284.669	ug/l	99
52) Toluene	10.40	92	289347	52.121	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	156447	54.879	ug/l	96
54) cis-1,3-Dichloropropene	10.08	75	178789	53.529	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	90756	55.454	ug/l	96
56) Ethyl methacrylate	10.66	69	115743	58.871	ug/l	97
57) 1,3-Dichloropropane	10.94	76	150580	55.422	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	259217	293.117	ug/l	99
59) 2-Hexanone	10.98	43	240590	281.104	ug/l	99
60) Dibromochloromethane	11.14	129	130290	57.664	ug/l	98
61) 1,2-Dibromoethane	11.24	107	88533	56.250	ug/l	99
64) Tetrachloroethene	10.87	164	118882	49.828	ug/l	97
65) Chlorobenzene	11.67	112	325976	51.682	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	132810	53.815	ug/l	99
67) Ethyl Benzene	11.74	91	558935	51.137	ug/l	96
68) m/p-Xylenes	11.85	106	423309	99.960	ug/l	95
69) o-Xylene	12.18	106	198548	51.541	ug/l	98
70) Styrene	12.19	104	356917	52.867	ug/l	98
71) Bromoform	12.36	173	83568	57.153	ug/l #	99
73) Isopropylbenzene	12.48	105	554097	51.348	ug/l	99
74) N-amyl acetate	12.29	43	124573	52.424	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.73	83	100582	54.663	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	132026	97.935	ug/l #	100
77) Bromobenzene	12.76	156	147611	53.139	ug/l	99
78) n-propylbenzene	12.82	91	627367	50.014	ug/l	100
79) 2-Chlorotoluene	12.91	91	368885	51.418	ug/l	98
80) 1,3,5-Trimethylbenzene	12.96	105	473371	52.453	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	30815	50.529	ug/l	95
82) 4-Chlorotoluene	13.01	91	395430	52.213	ug/l	98
83) tert-Butylbenzene	13.23	119	405002	51.030	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	472805	52.351	ug/l	99
85) sec-Butylbenzene	13.40	105	532306	49.677	ug/l	100
86) p-Isopropyltoluene	13.52	119	511636	50.909	ug/l	98
87) 1,3-Dichlorobenzene	13.52	146	268383	51.407	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	271386	52.123	ug/l	99
89) n-Butylbenzene	13.84	91	441138	48.991	ug/l	100
90) Hexachloroethane	14.11	117	102862	51.318	ug/l	99
91) 1,2-Dichlorobenzene	13.89	146	243867	52.818	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	17568	55.552	ug/l	99

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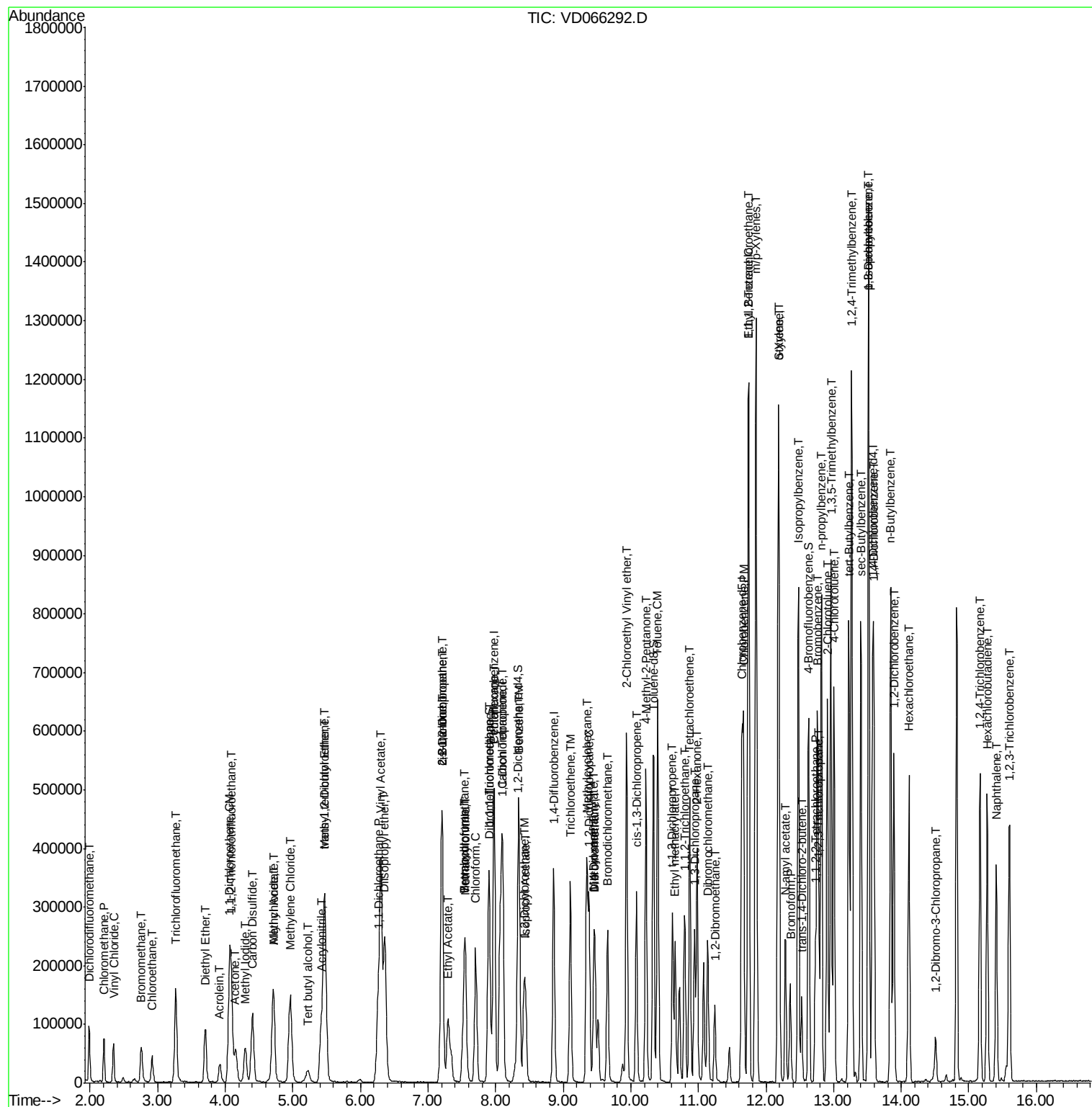
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	178358	52.419	ug/l	99
94) Hexachlorobutadiene	15.27	225	101452	50.634	ug/l	98
95) Naphthalene	15.41	128	327086	58.997	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	163601	54.467	ug/l	99

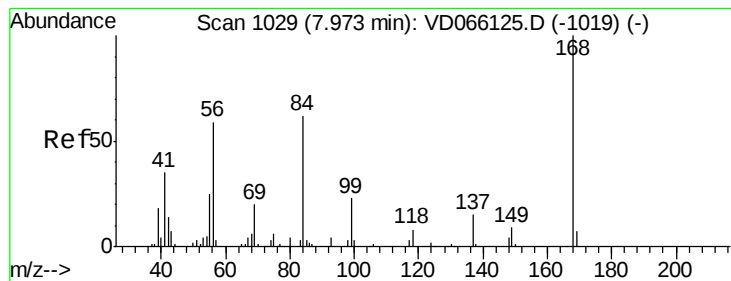
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081820\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VD066292.D

Acq: 18 Aug 2020 21:42

Instrument :

MSVOA_D

ClientSampleId :

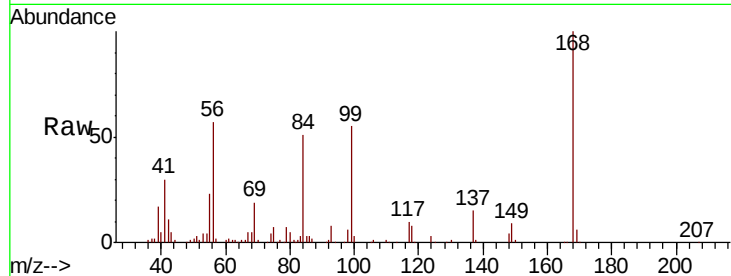
VSTDCCC050EC

Tot Ion:168 Resp: 215721

Ion Ratio Lower Upper

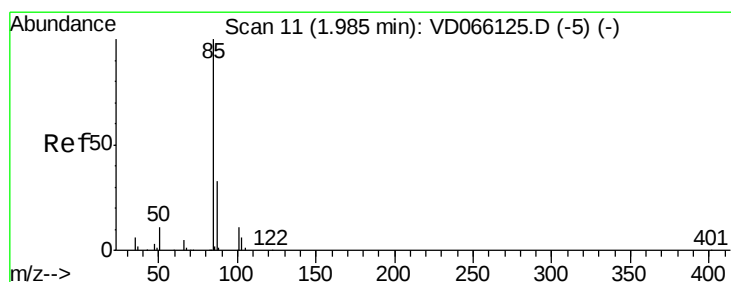
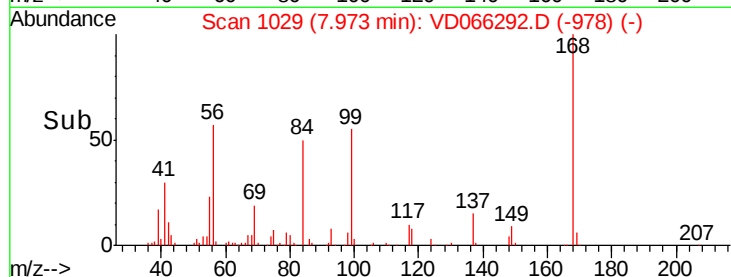
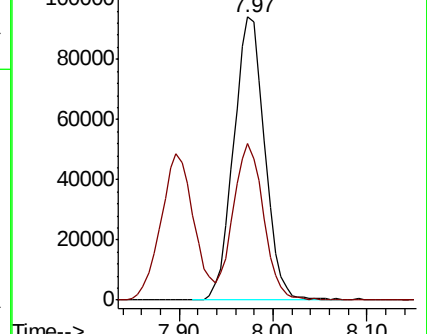
168 100

99 55.0 42.2 63.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 38.196 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066292.D

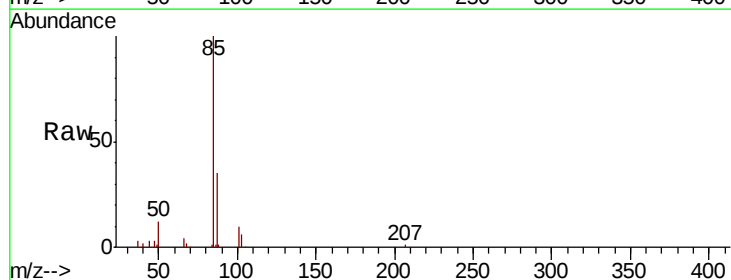
Acq: 18 Aug 2020 21:42

Tgt Ion: 85 Resp: 72595

Ion Ratio Lower Upper

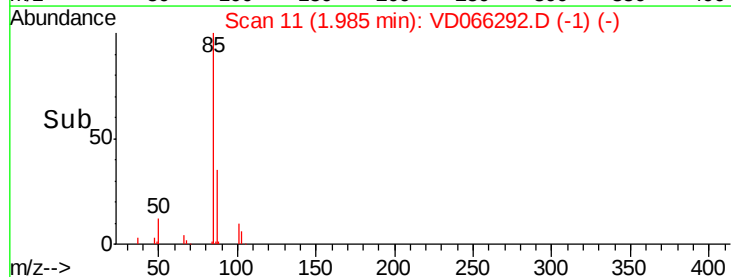
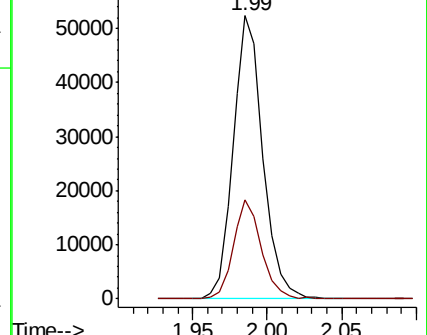
85 100

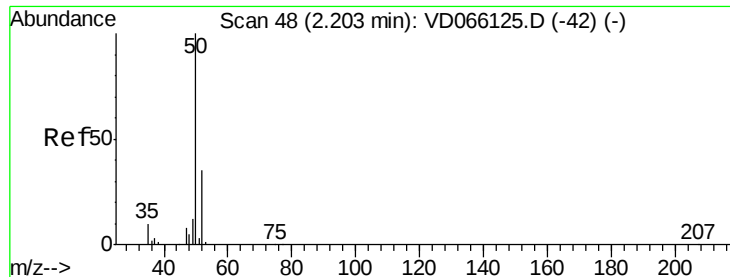
87 34.9 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 41.206 ug/l

RT: 2.20 min Scan# 48

Delta R.T. 0.00 min

Lab File: VD066292.D

Acq: 18 Aug 2020 21:42

Instrument :

MSVOA_D

ClientSampleId :

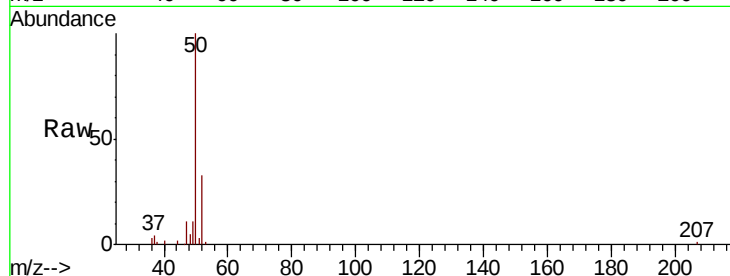
VSTDCCC050EC

Tot Ion: 50 Resp: 60920

Ion Ratio Lower Upper

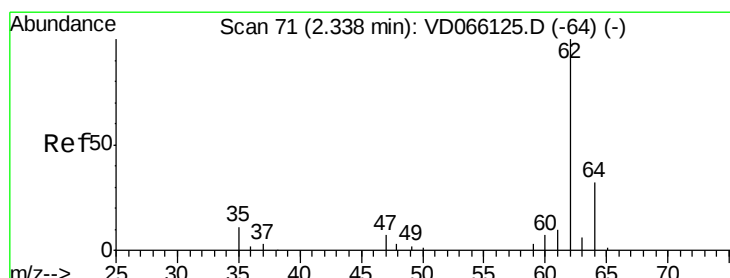
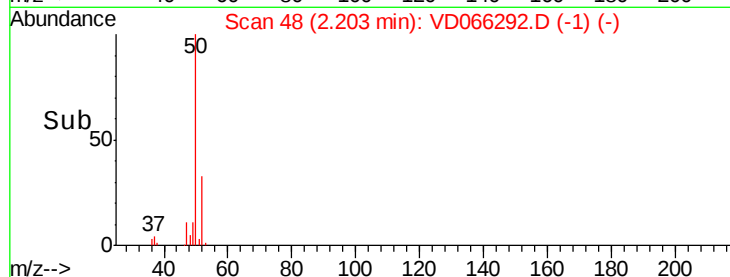
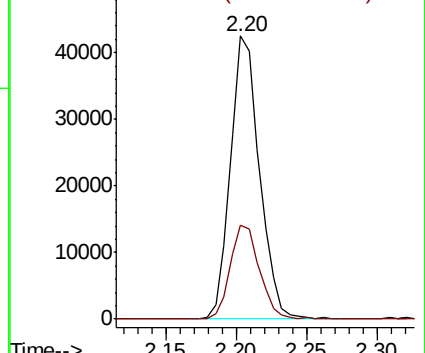
50 100

52 33.2 27.9 41.9



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 44.176 ug/l

RT: 2.34 min Scan# 72

Delta R.T. 0.01 min

Lab File: VD066292.D

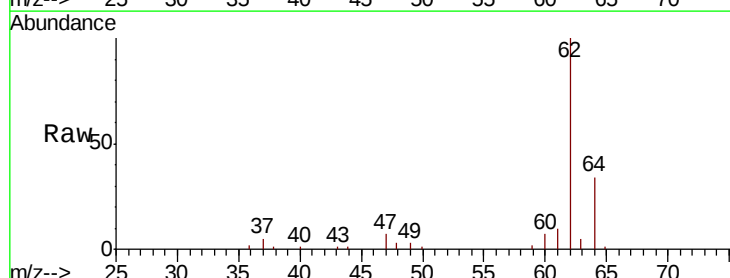
Acq: 18 Aug 2020 21:42

Tgt Ion: 62 Resp: 57822

Ion Ratio Lower Upper

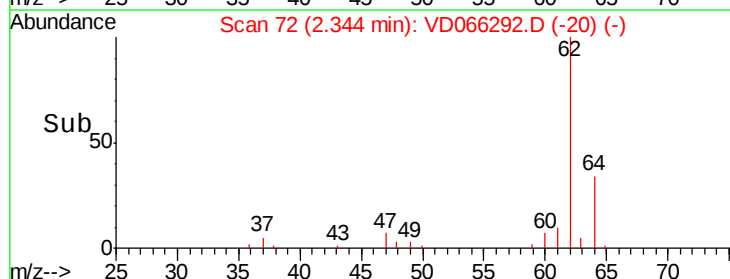
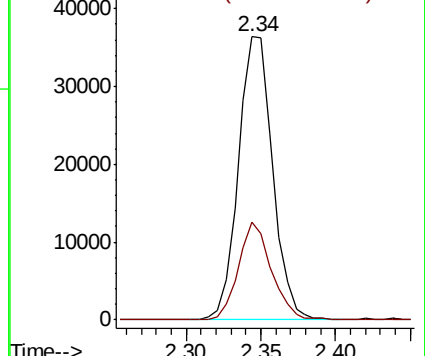
62 100

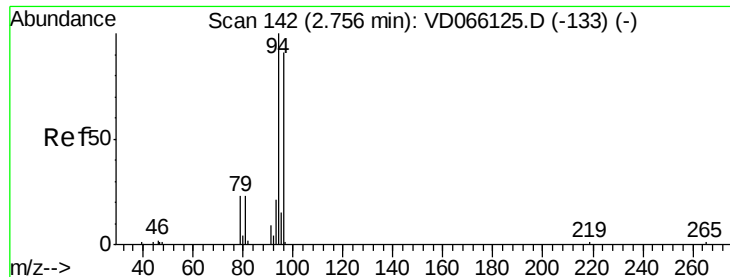
64 34.3 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 51.169 ug/l

RT: 2.76 min Scan# 142

Delta R.T. 0.00 min

Lab File: VD066292.D

Acq: 18 Aug 2020 21:42

Instrument :

MSVOA_D

ClientSampleId :

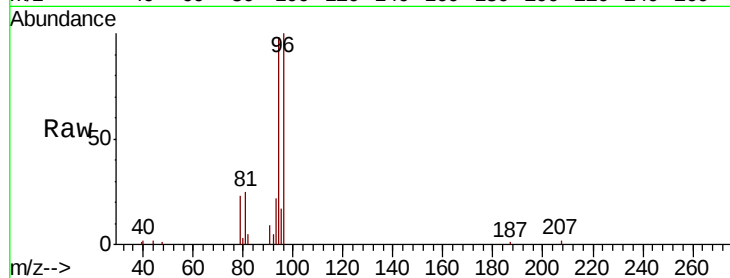
VSTDCCC050EC

Tot Ion: 94 Resp: 44435

Ion Ratio Lower Upper

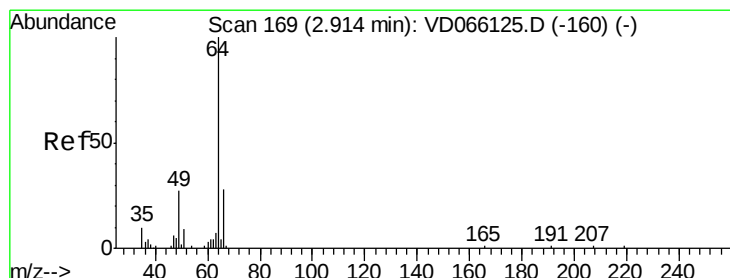
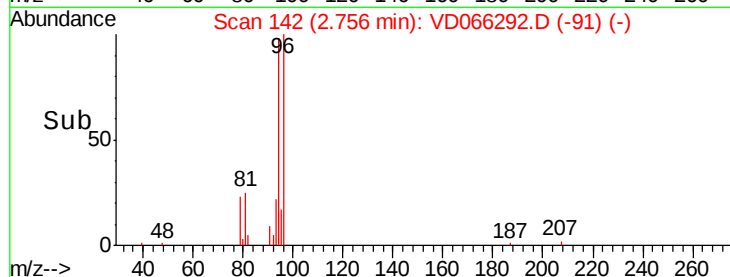
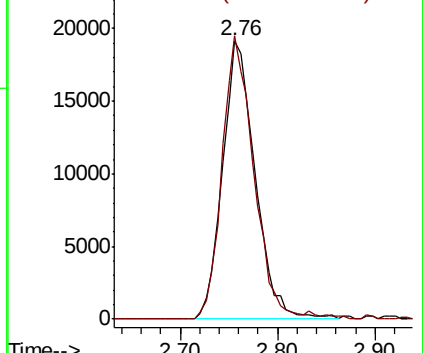
94 100

96 101.7 72.6 109.0



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 49.415 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.01 min

Lab File: VD066292.D

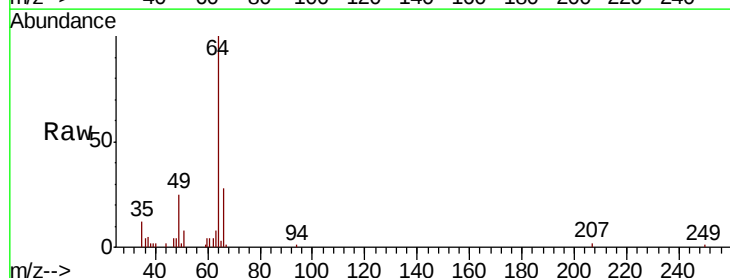
Acq: 18 Aug 2020 21:42

Tgt Ion: 64 Resp: 39703

Ion Ratio Lower Upper

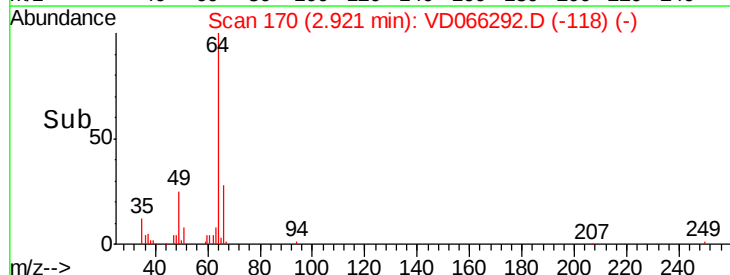
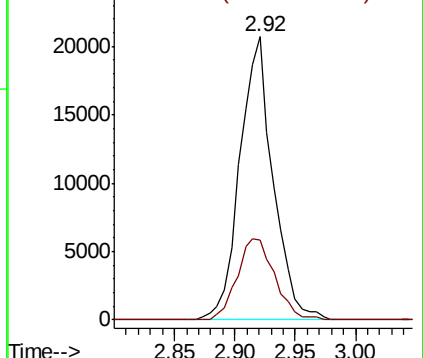
64 100

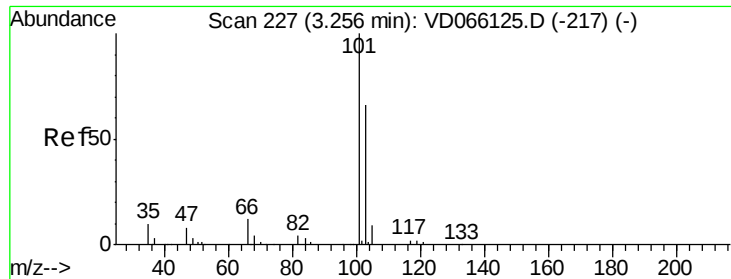
66 28.4 22.0 33.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



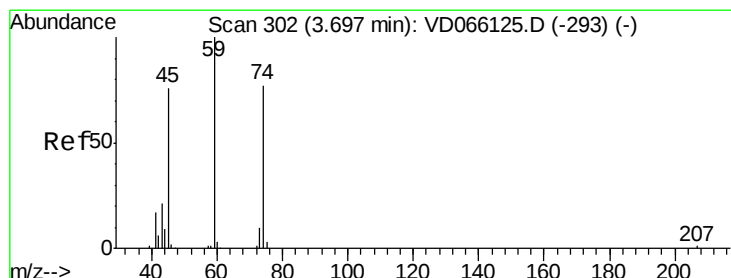
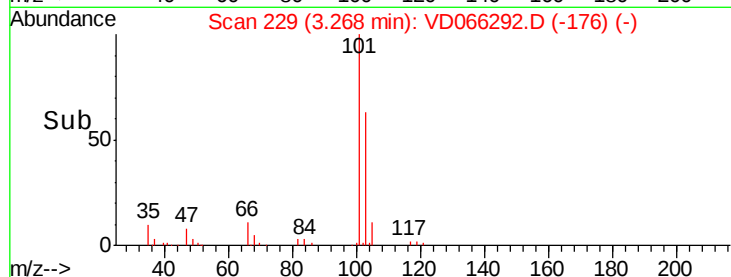
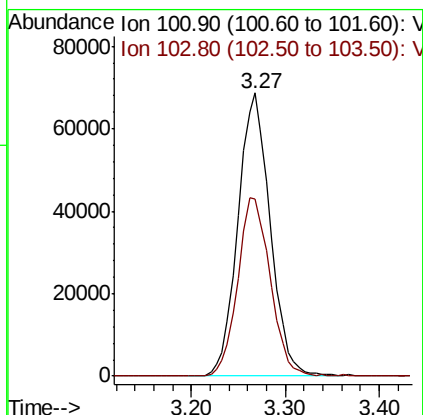
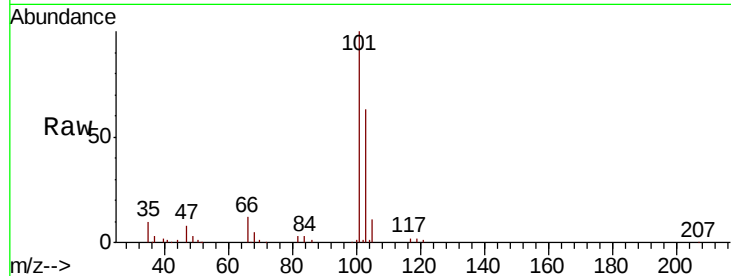


#7

Trichlorofluoromethane
Concen: 47.765 ug/l
RT: 3.27 min Scan# 229
Delta R.T. 0.01 min
Lab File: VD066292.D
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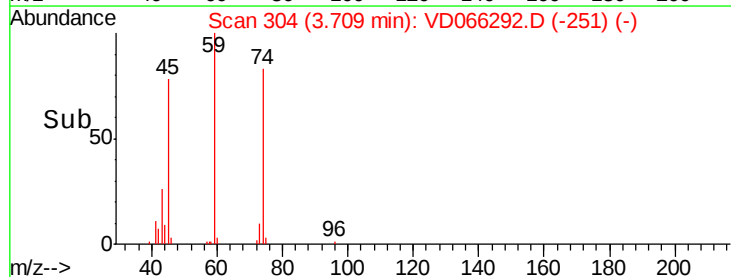
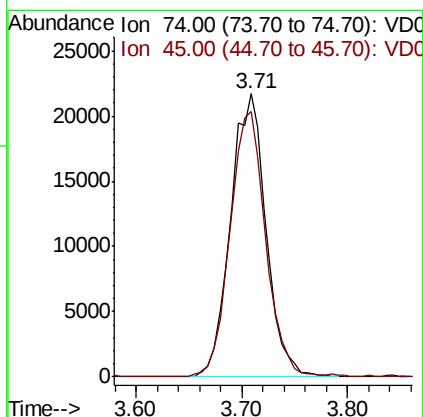
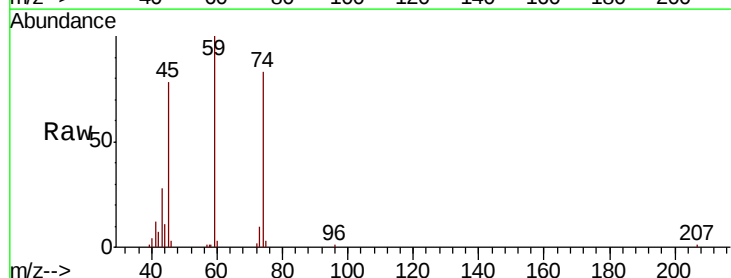
Tot Ion:101 Resp: 162993
Ion Ratio Lower Upper
101 100
103 62.5 53.0 79.6

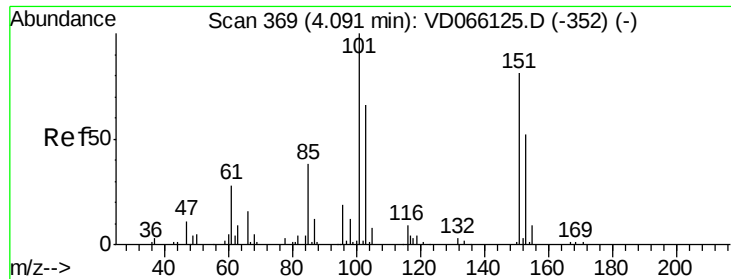


#8

Diethyl Ether
Concen: 52.196 ug/l
RT: 3.71 min Scan# 304
Delta R.T. 0.01 min
Lab File: VD066292.D
Acq: 18 Aug 2020 21:42

Tgt Ion: 74 Resp: 50257
Ion Ratio Lower Upper
74 100
45 94.4 48.4 145.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.575 ug/l

RT: 4.09 min Scan# 369

Delta R.T. 0.00 min

Lab File: VD066292.D

Acq: 18 Aug 2020 21:42

Instrument :

MSVOA_D

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VSTDCCC050EC

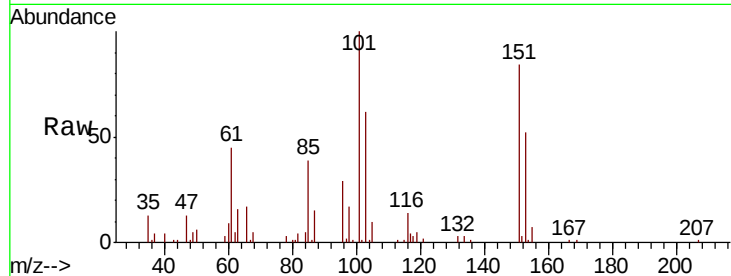
Tot Ion:101 Resp: 94323

Ion Ratio Lower Upper

101 100

85 41.8 33.5 50.3

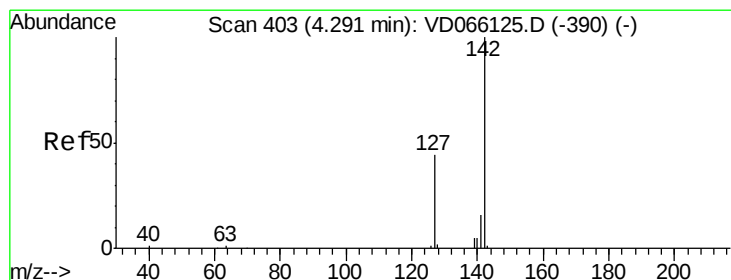
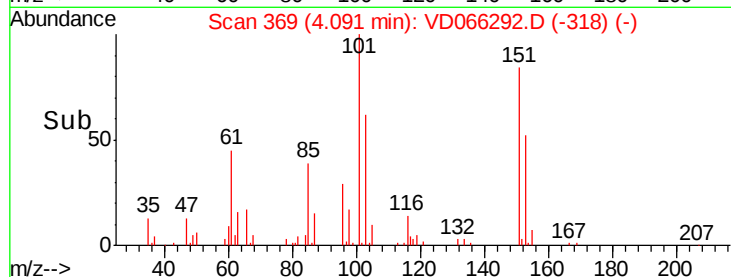
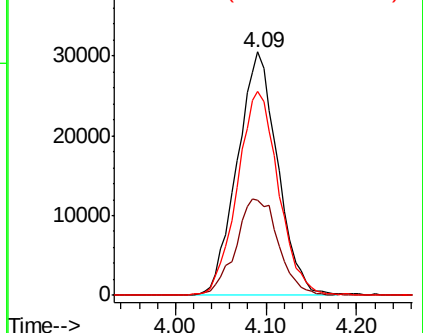
151 85.2 67.8 101.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 52.630 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.01 min

Lab File: VD066292.D

Acq: 18 Aug 2020 21:42

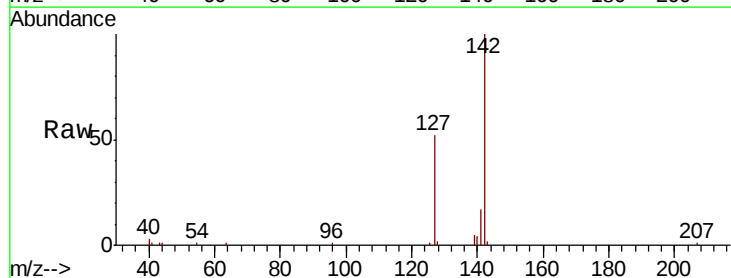
Tgt Ion:142 Resp: 97787

Ion Ratio Lower Upper

142 100

127 47.6 36.2 54.4

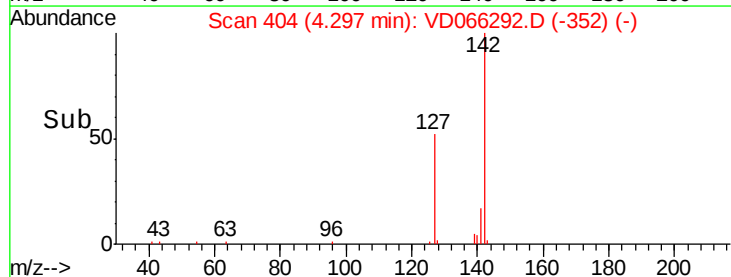
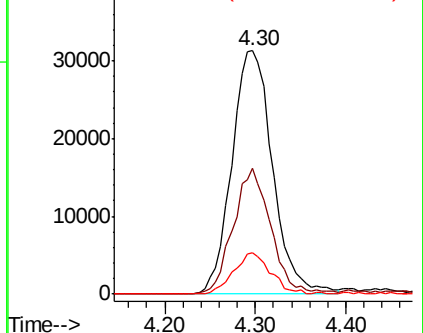
141 15.3 12.6 18.8

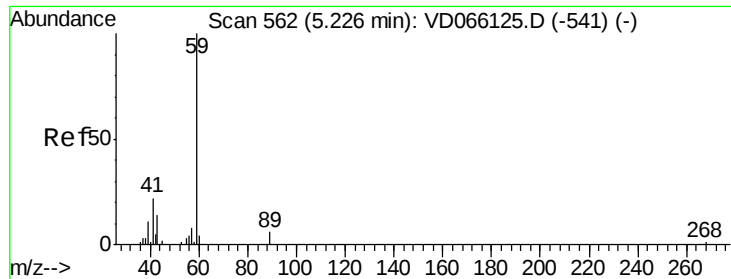


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



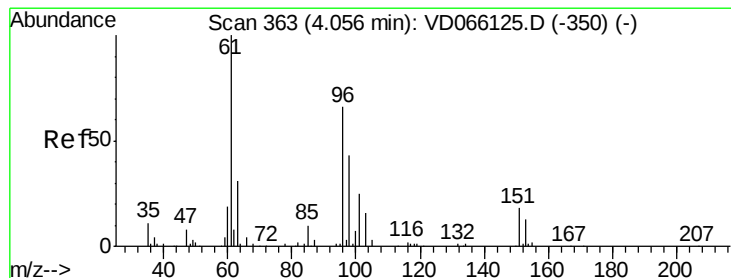
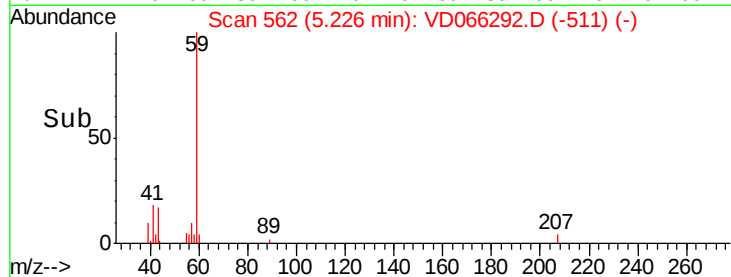
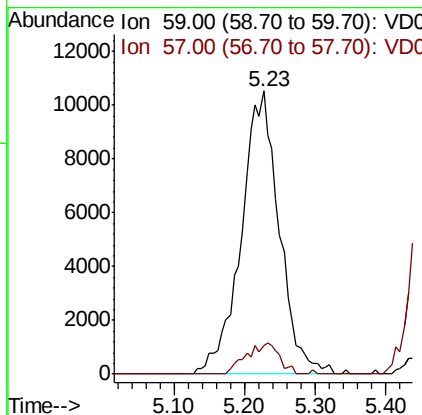
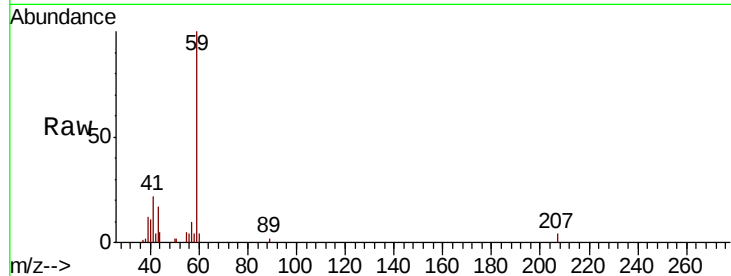


#11

Tert butyl alcohol
Concen: 278.682 ug/l
RT: 5.23 min Scan# 562
Delta R.T. 0.00 min
Lab File: VD066292.D
Acq: 18 Aug 2020 21:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

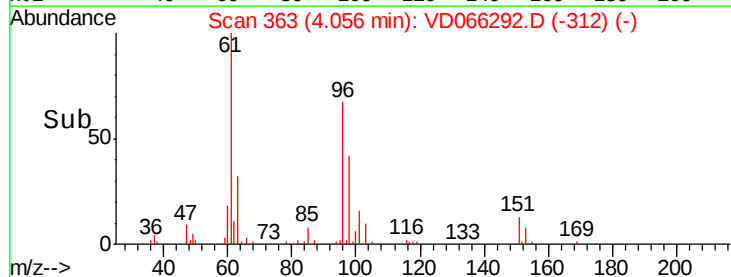
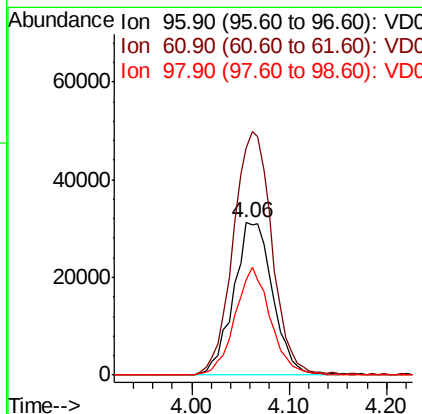
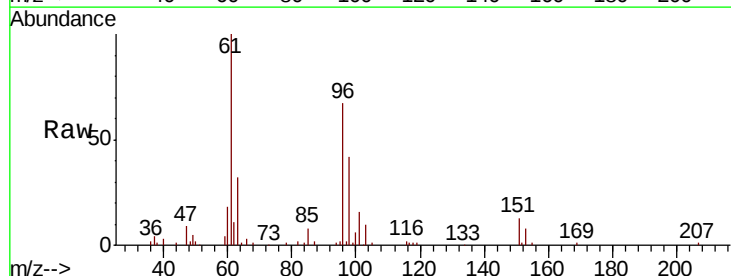
Tot Ion: 59 Resp: 39423
Ion Ratio Lower Upper
59 100
57 9.5 7.0 10.4

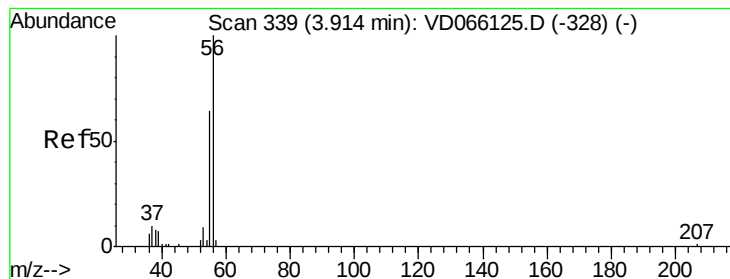


#12

1,1-Dichloroethene
Concen: 45.777 ug/l
RT: 4.06 min Scan# 363
Delta R.T. 0.00 min
Lab File: VD066292.D
Acq: 18 Aug 2020 21:42

Tgt Ion: 96 Resp: 87454
Ion Ratio Lower Upper
96 100
61 148.9 121.6 182.4
98 62.7 52.0 78.0





#13

Acrolein

Concen: 245.361 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.01 min

Lab File: VD066292.D

Acq: 18 Aug 2020 21:42

Instrument :

MSVOA_D

ClientSampleId :

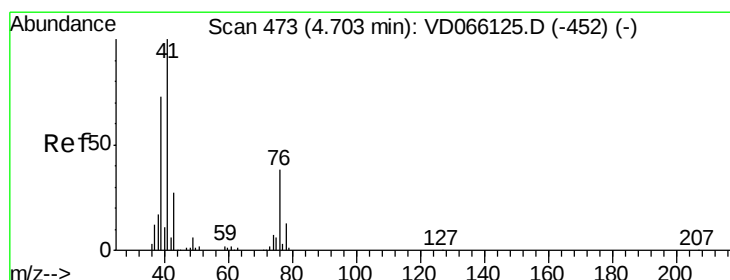
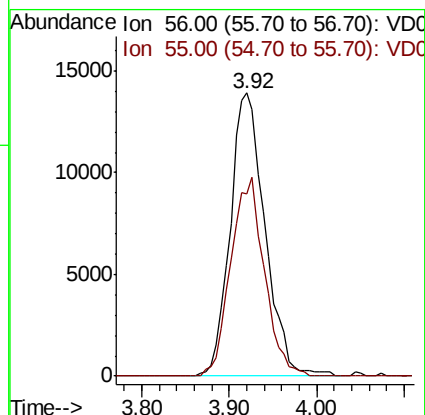
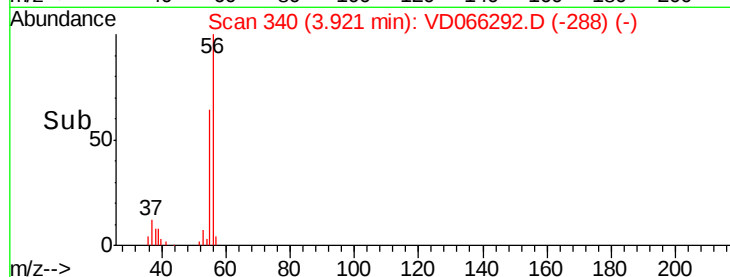
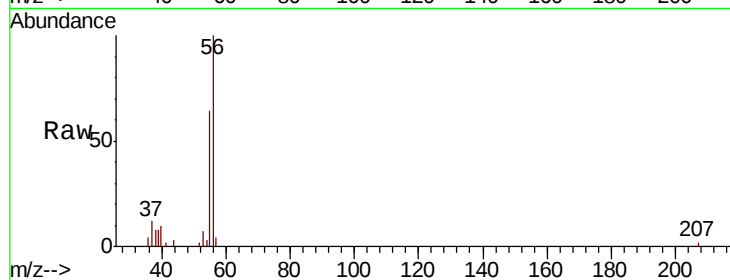
VSTDCCC050EC

Tot Ion: 56 Resp: 37587

Ion Ratio Lower Upper

56 100

55 67.6 56.7 85.1



#14

Allyl chloride

Concen: 47.828 ug/l

RT: 4.71 min Scan# 474

Delta R.T. 0.01 min

Lab File: VD066292.D

Acq: 18 Aug 2020 21:42

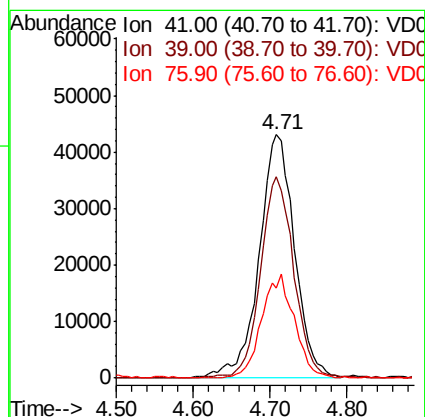
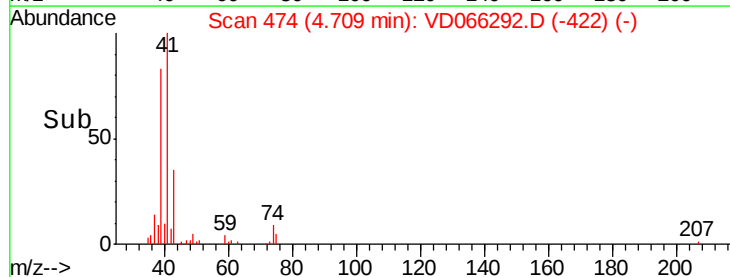
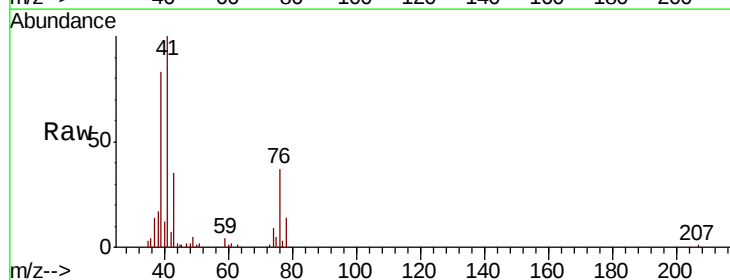
Tgt Ion: 41 Resp: 138427

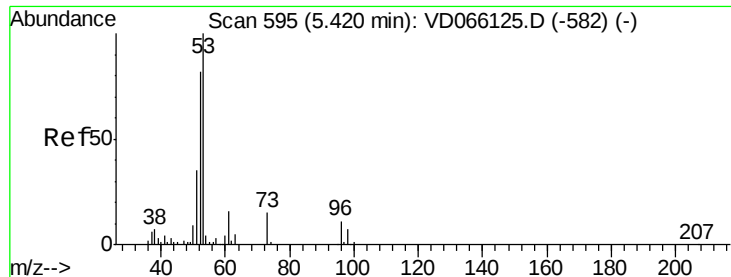
Ion Ratio Lower Upper

41 100

39 77.6 57.4 86.0

76 39.4 30.1 45.1





#15

Acrylonitrile

Concen: 296.506 ug/l

RT: 5.41 min Scan# 594

Delta R.T. -0.01 min

Lab File: VD066292.D

Acq: 18 Aug 2020 21:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

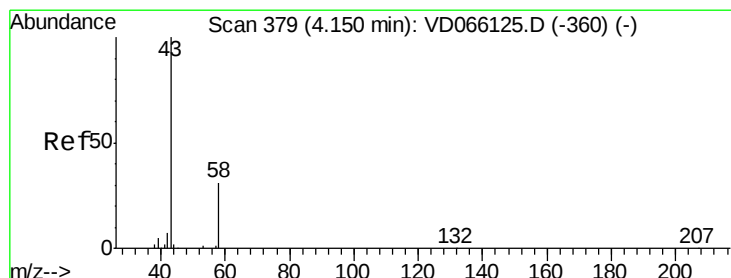
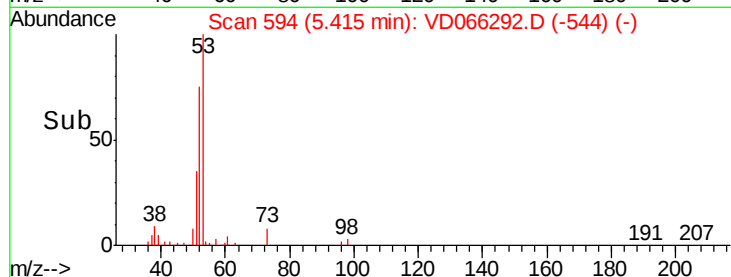
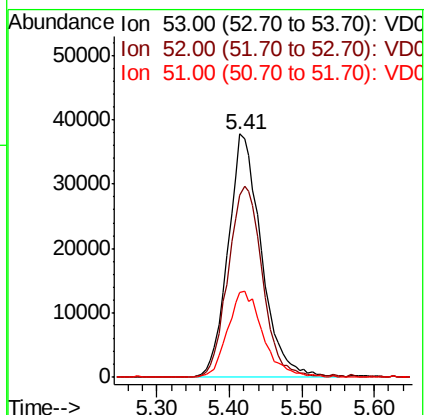
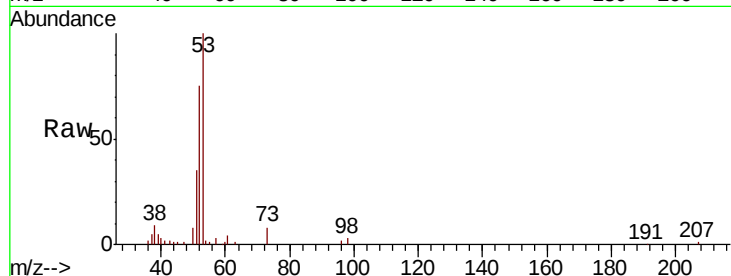
Tot Ion: 53 Resp: 120305

Ion Ratio Lower Upper

53 100

52 81.0 66.1 99.1

51 37.5 30.8 46.2



#16

Acetone

Concen: 250.327 ug/l

RT: 4.15 min Scan# 379

Delta R.T. 0.00 min

Lab File: VD066292.D

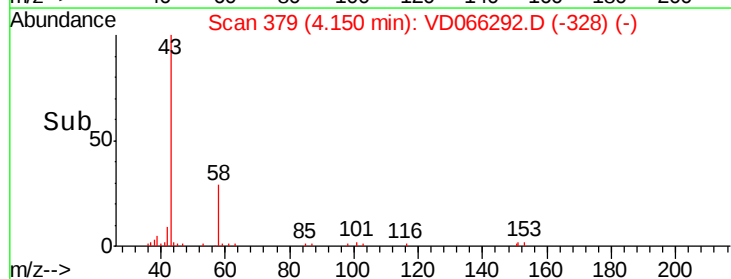
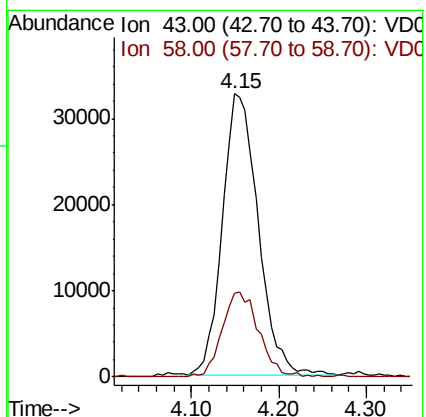
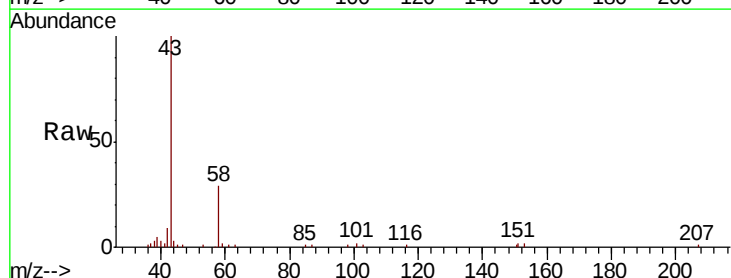
Acq: 18 Aug 2020 21:42

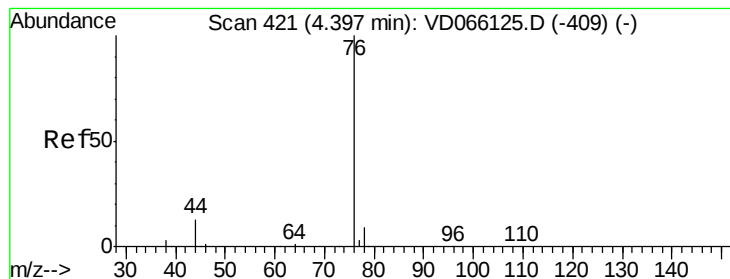
Tgt Ion: 43 Resp: 91412

Ion Ratio Lower Upper

43 100

58 29.5 24.7 37.1





#17

Carbon Disulfide

Concen: 40.934 ug/l

RT: 4.40 min Scan# 422

Delta R.T. 0.01 min

Lab File: VD066292.D

Acq: 18 Aug 2020 21:42

Instrument :

MSVOA_D

ClientSampleId :

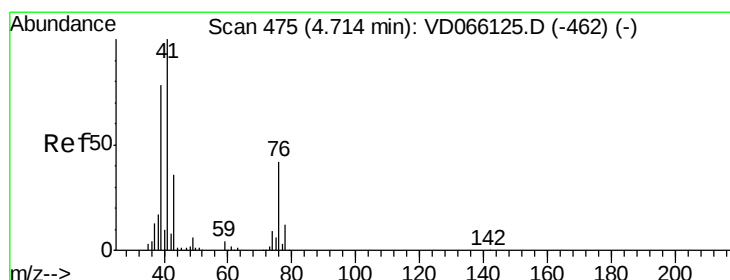
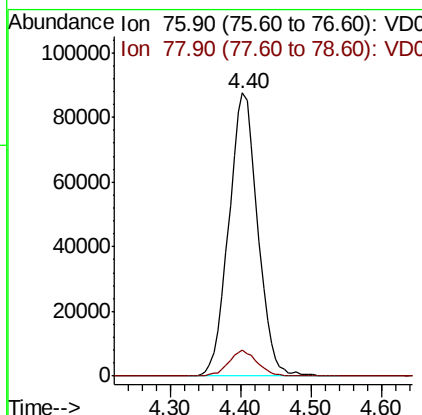
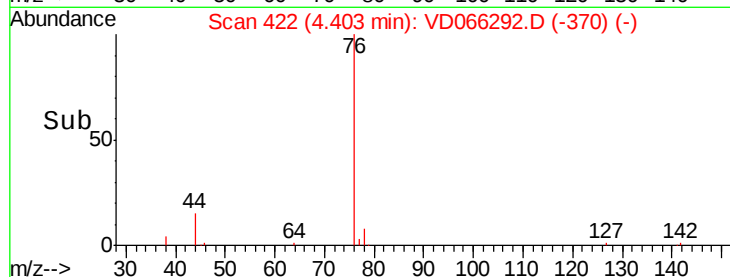
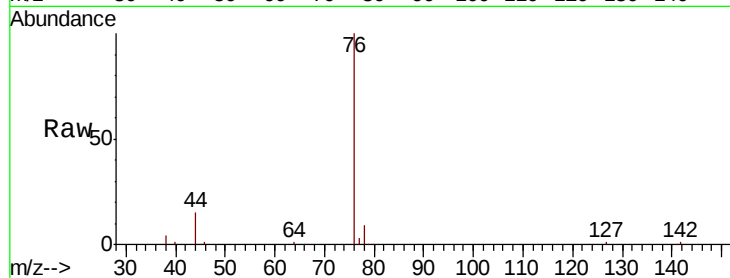
VSTDCCC050EC

Tot Ion: 76 Resp: 248648

Ion Ratio Lower Upper

76 100

78 9.3 7.5 11.3



#18

Methyl Acetate

Concen: 59.017 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD066292.D

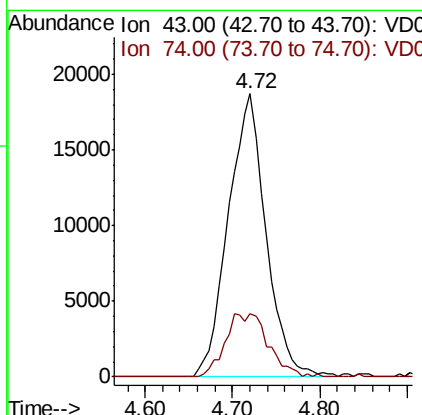
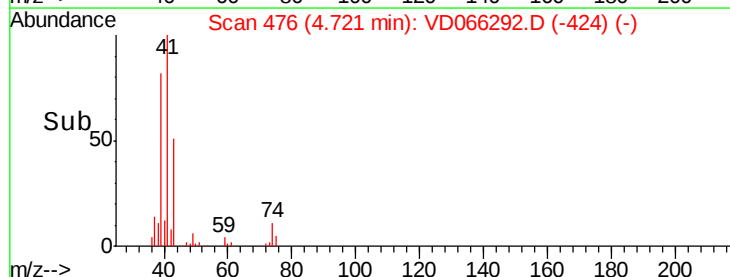
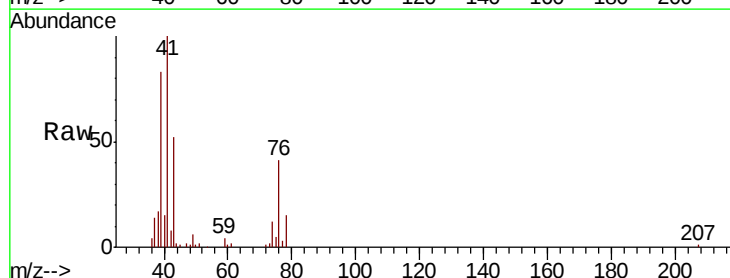
Acq: 18 Aug 2020 21:42

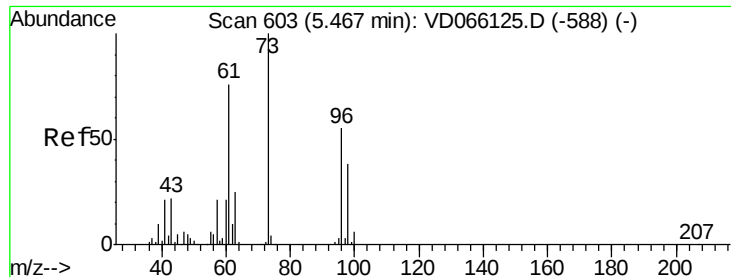
Tgt Ion: 43 Resp: 54741

Ion Ratio Lower Upper

43 100

74 12.9 21.2 31.8#

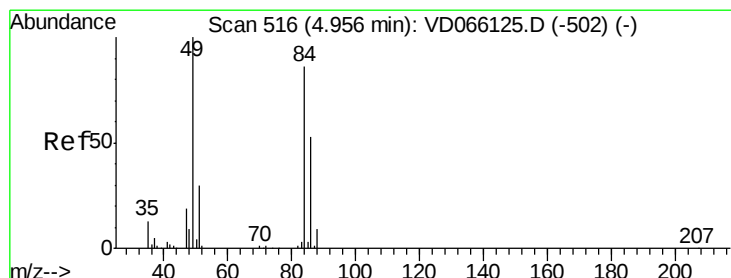
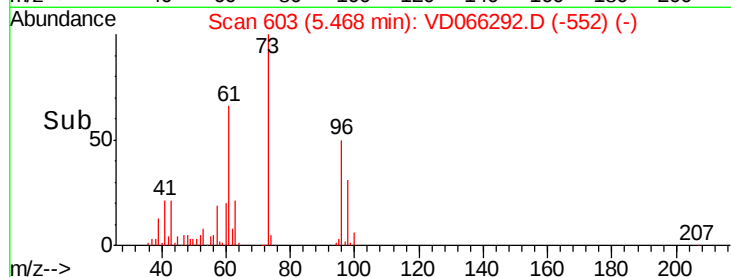
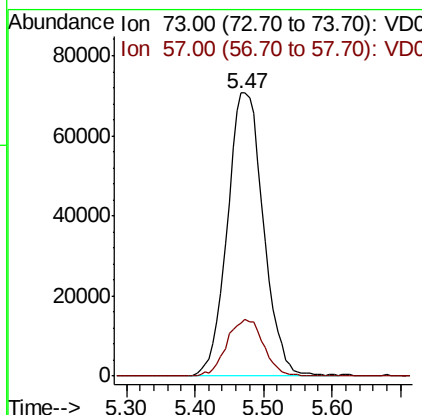
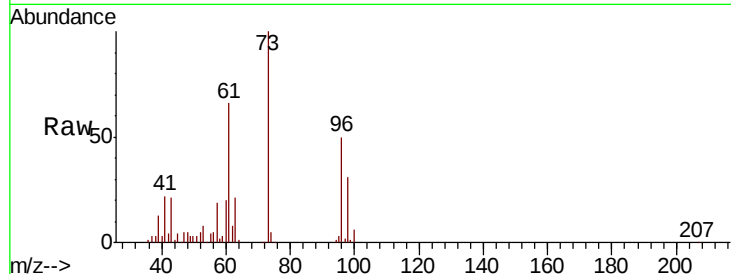




#19
Methyl tert-butyl Ether
Concen: 58.989 ug/l
RT: 5.47 min Scan# 603
Delta R.T. 0.00 min
Lab File: VD066292.D
Acq: 18 Aug 2020 21:42

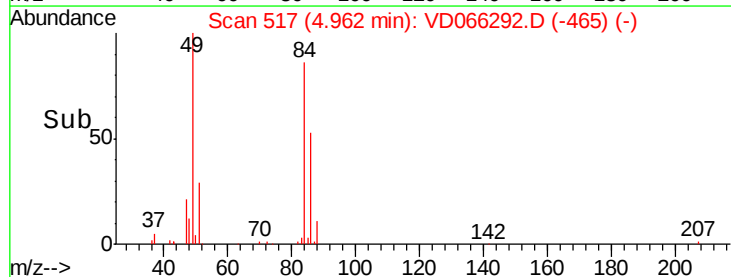
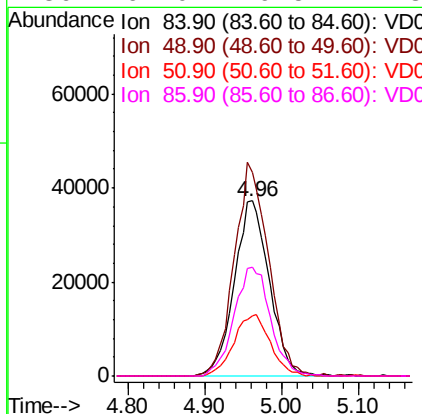
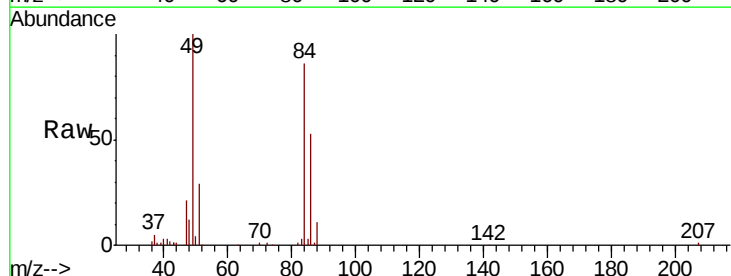
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

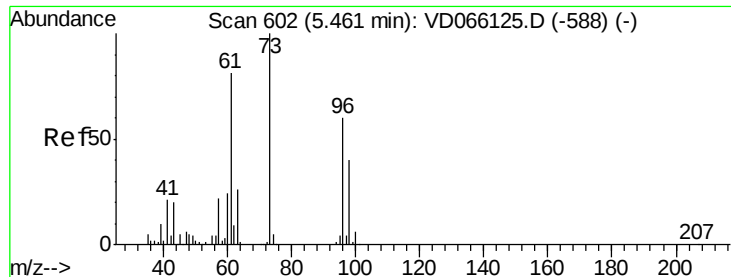
Tot Ion: 73 Resp: 258306
Ion Ratio Lower Upper
73 100
57 18.8 17.1 25.7



#20
Methylene Chloride
Concen: 57.137 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.01 min
Lab File: VD066292.D
Acq: 18 Aug 2020 21:42

Tgt Ion: 84 Resp: 118429
Ion Ratio Lower Upper
84 100
49 116.1 93.5 140.3
51 34.2 28.2 42.4
86 62.0 49.5 74.3





#21

trans-1,2-Dichloroethene

Concen: 49.207 ug/l

RT: 5.47 min Scan# 603

Delta R.T. 0.01 min

Lab File: VD066292.D

Acq: 18 Aug 2020 21:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

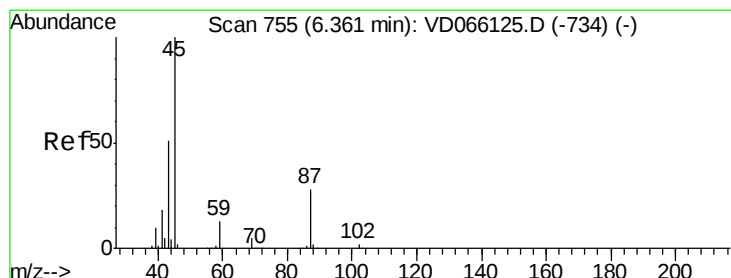
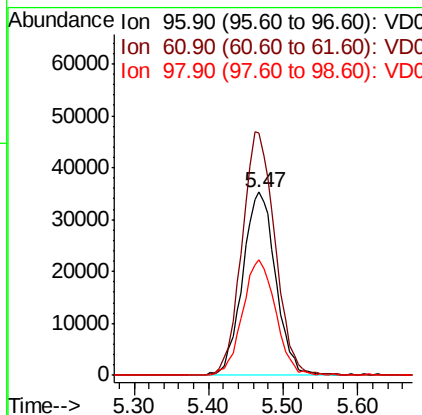
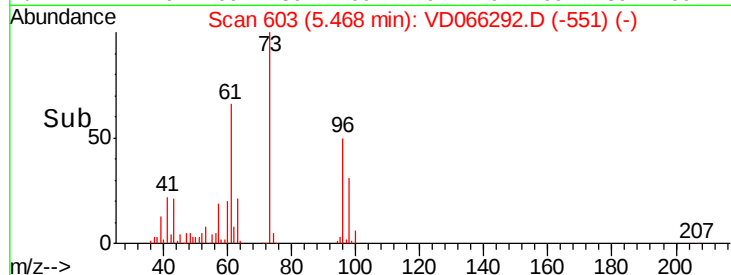
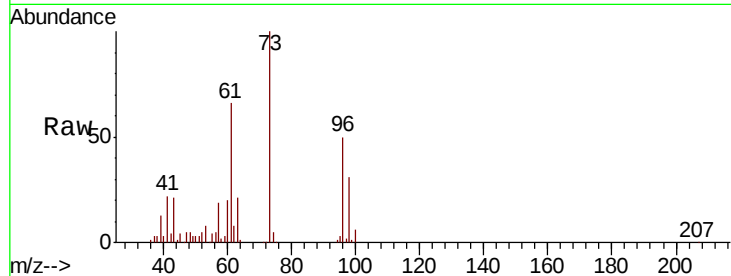
Tot Ion: 96 Resp: 107993

Ion Ratio Lower Upper

96 100

61 132.6 106.9 160.3

98 63.0 53.4 80.0



#22

Diisopropyl ether

Concen: 52.339 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.00 min

Lab File: VD066292.D

Acq: 18 Aug 2020 21:42

Tgt Ion: 45 Resp: 299563

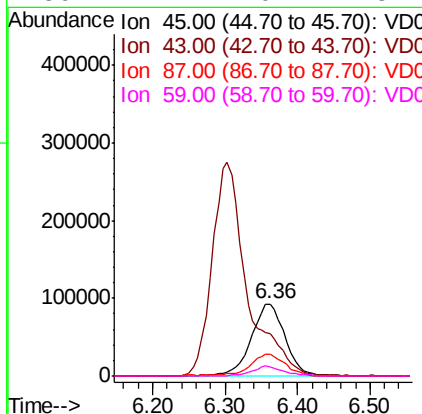
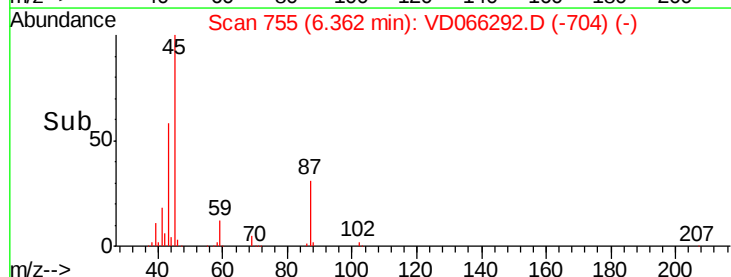
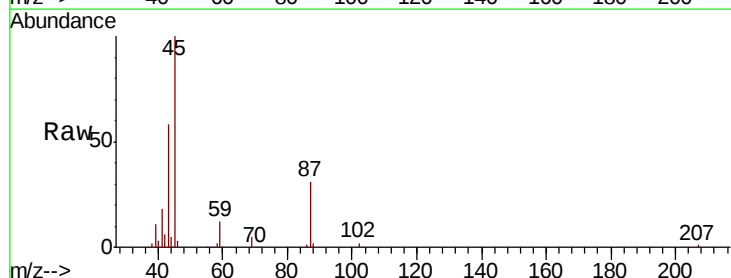
Ion Ratio Lower Upper

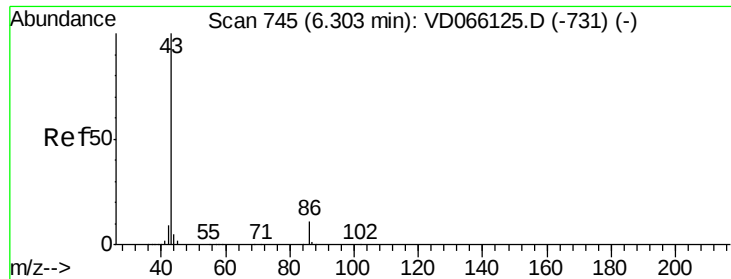
45 100

43 56.8 41.2 61.8

87 30.7 22.8 34.2

59 11.7 10.2 15.2





#23

Vinyl Acetate

Concen: 274.691 ug/l

RT: 6.30 min Scan# 745

Delta R.T. 0.00 min

Lab File: VD066292.D

Acq: 18 Aug 2020 21:42

Instrument :

MSVOA_D

ClientSampleId :

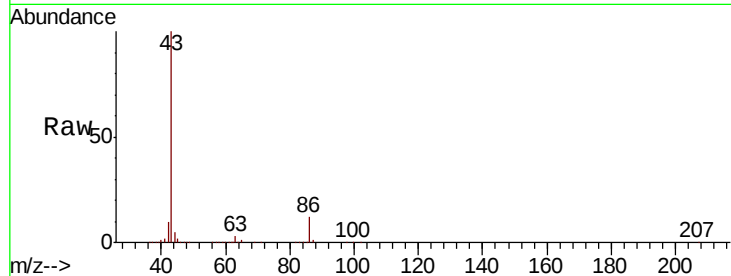
VSTDCCC050EC

Tot Ion: 43 Resp: 921051

Ion Ratio Lower Upper

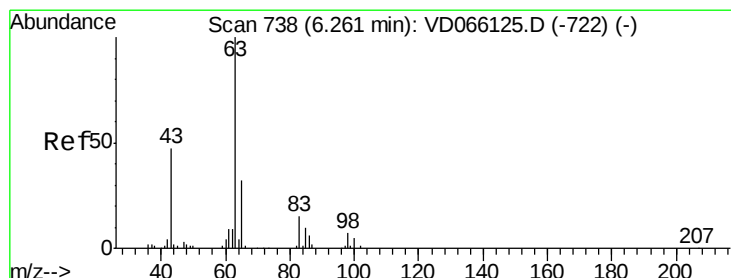
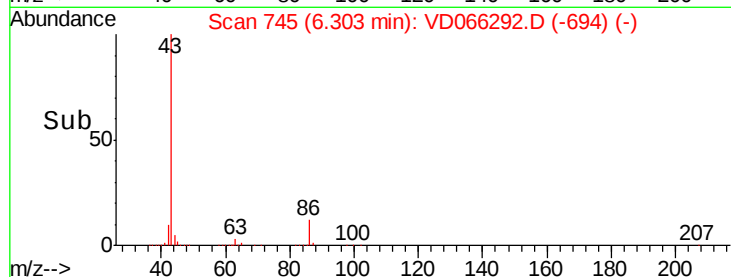
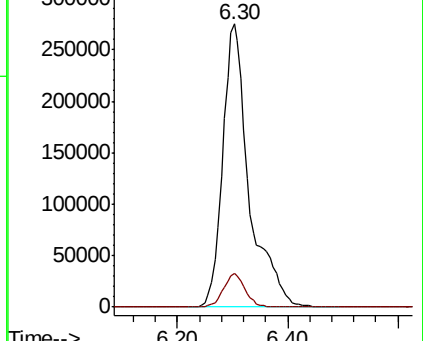
43 100

86 12.1 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 52.429 ug/l

RT: 6.26 min Scan# 738

Delta R.T. 0.00 min

Lab File: VD066292.D

Acq: 18 Aug 2020 21:42

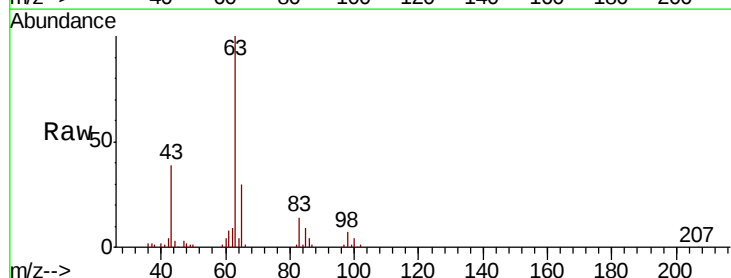
Tgt Ion: 63 Resp: 185705

Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.5

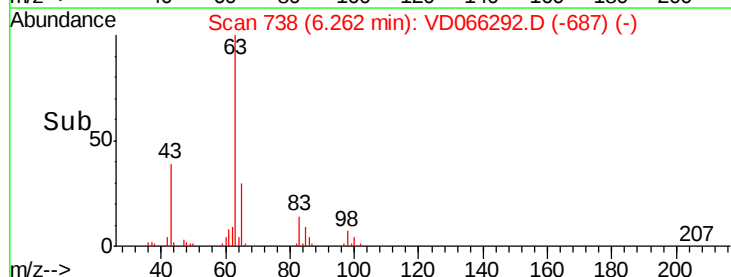
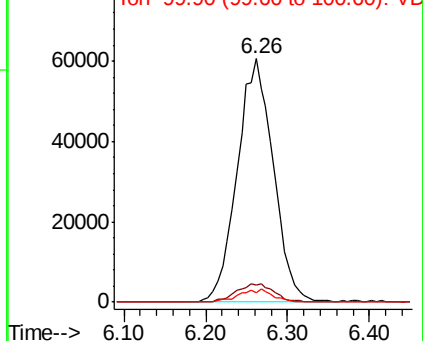
100 4.0 2.4 7.2

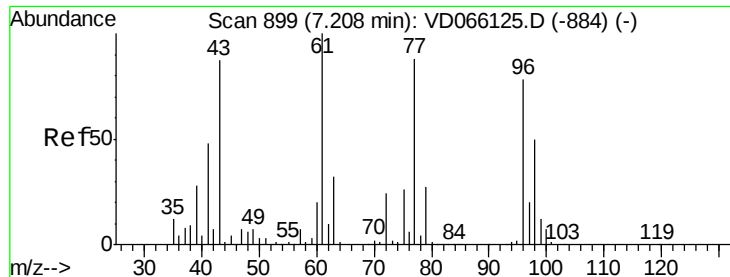


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

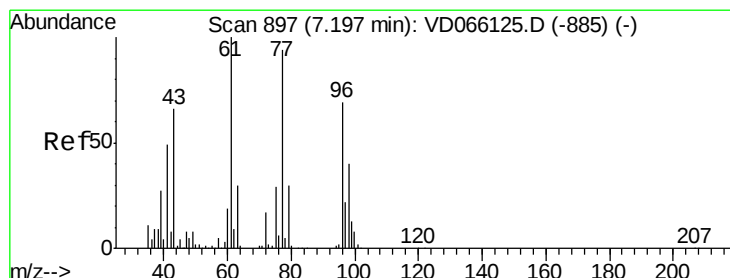
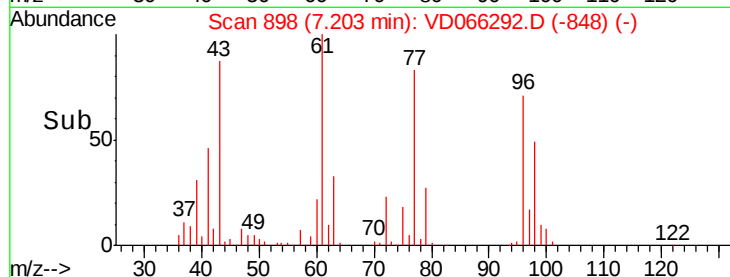
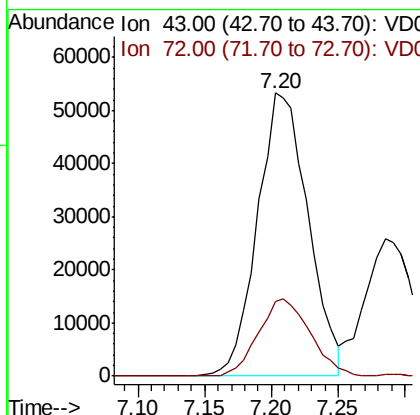
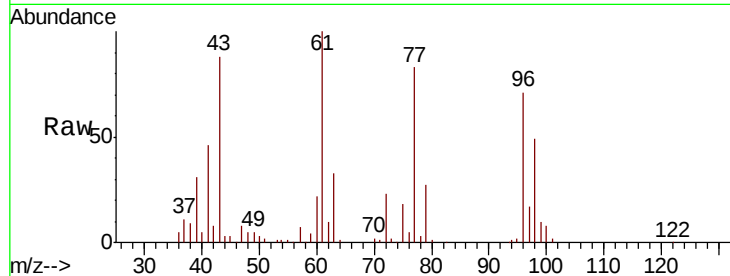




#25
2-Butanone
Concen: 261.254 ug/l
RT: 7.20 min Scan# 898
Delta R.T. -0.01 min
Lab File: VD066292.D
Acq: 18 Aug 2020 21:42

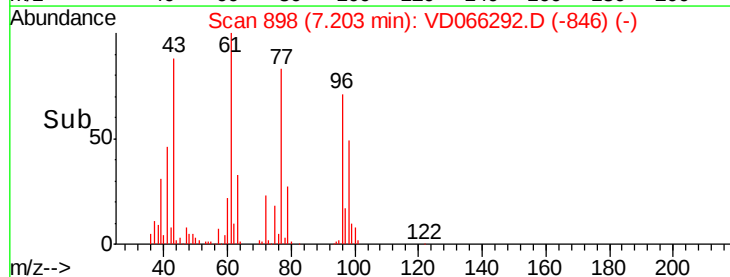
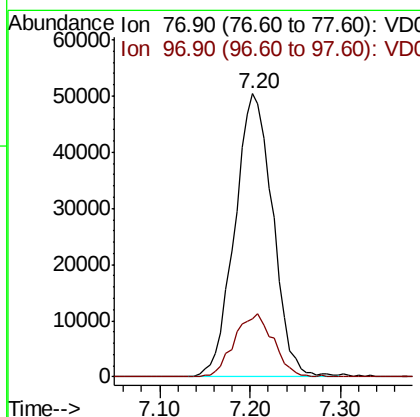
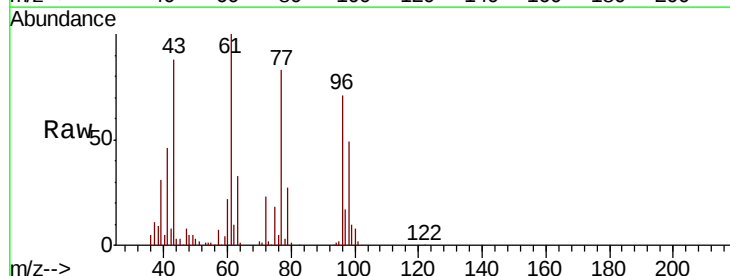
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

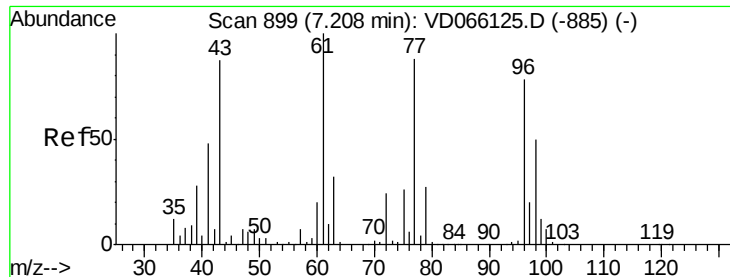
Tot Ion: 43 Resp: 140319
Ion Ratio Lower Upper
43 100
72 26.6 22.2 33.2



#26
2,2-Dichloropropane
Concen: 46.134 ug/l
RT: 7.20 min Scan# 898
Delta R.T. 0.01 min
Lab File: VD066292.D
Acq: 18 Aug 2020 21:42

Tgt Ion: 77 Resp: 146458
Ion Ratio Lower Upper
77 100
97 22.9 11.8 35.3



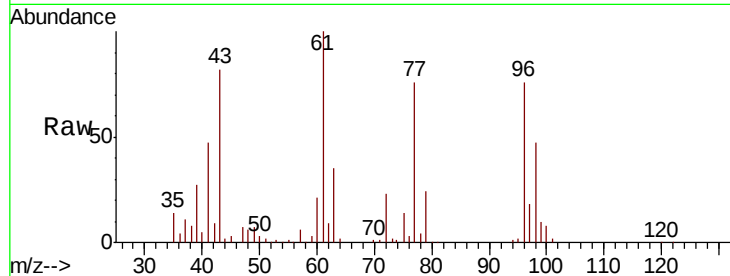


#27

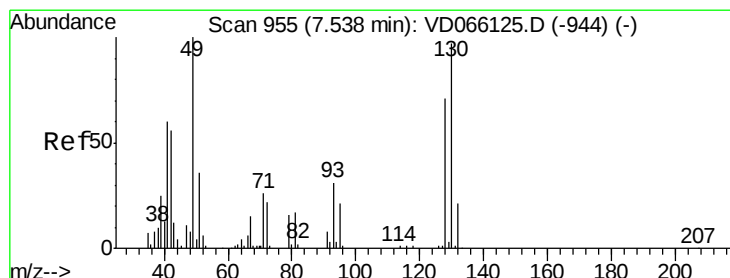
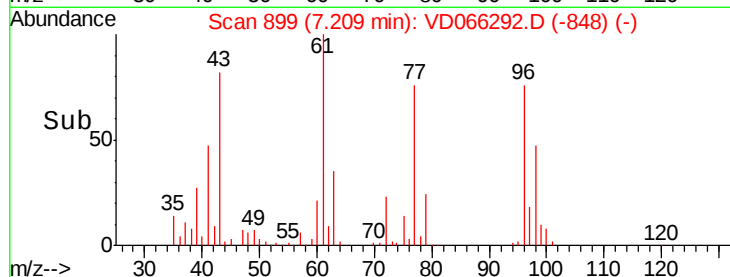
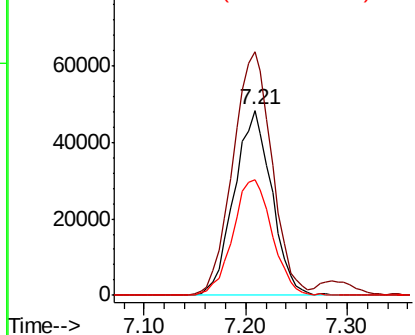
cis-1,2-Dichloroethene
 Concen: 53.855 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VD066292.D
 Acq: 18 Aug 2020 21:42

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 96 Resp: 123971
 Ion Ratio Lower Upper
 96 100
 61 137.5 0.0 281.6
 98 65.3 0.0 130.8



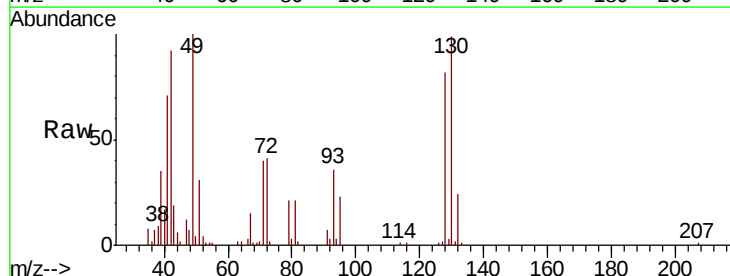
Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.90 (60.60 to 61.60): VDC
 Ion 97.90 (97.60 to 98.60): VDC



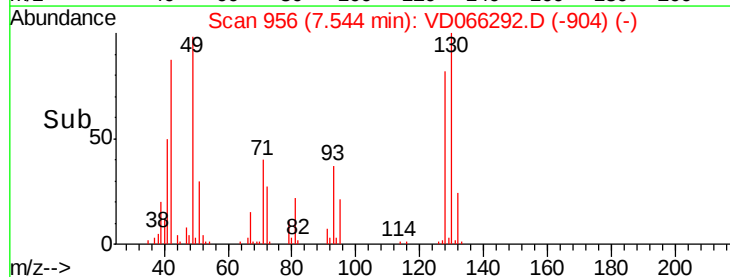
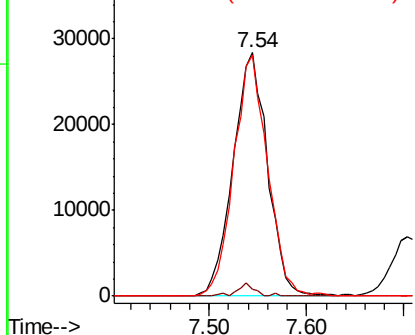
#28

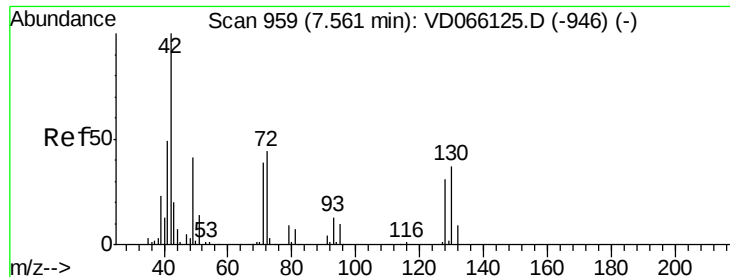
Bromochloromethane
 Concen: 56.058 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. 0.01 min
 Lab File: VD066292.D
 Acq: 18 Aug 2020 21:42

Tgt Ion: 49 Resp: 69739
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 6.0
 130 96.9 73.8 110.6



Abundance Ion 48.90 (48.60 to 49.60): VDC
 Ion 128.80 (128.50 to 129.50): VDC
 Ion 129.80 (129.50 to 130.50): VDC





#29

Tetrahydrofuran

Concen: 280.229 ug/l

RT: 7.55 min Scan# 957

Delta R.T. -0.01 min

Lab File: VD066292.D

Acq: 18 Aug 2020 21:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

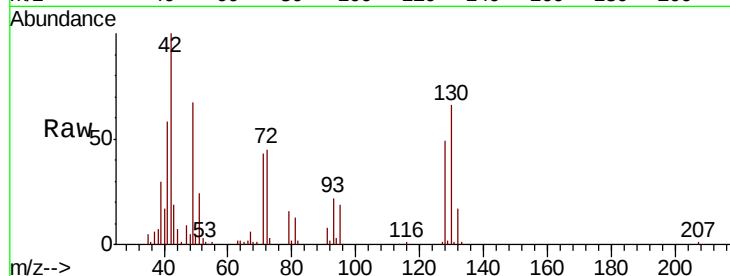
Tot Ion: 42 Resp: 93251

Ion Ratio Lower Upper

42 100

72 47.8 34.8 52.2

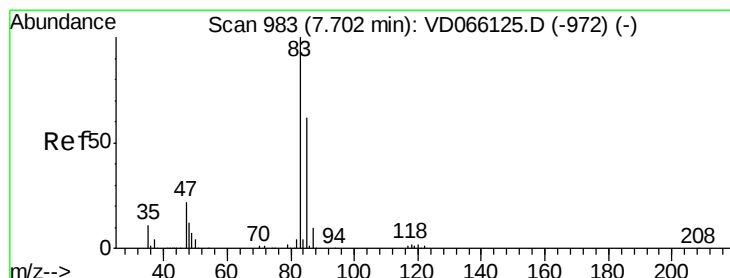
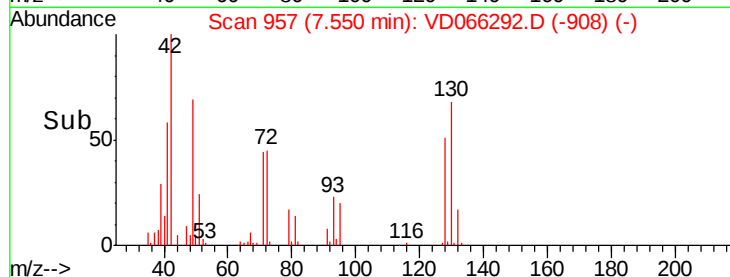
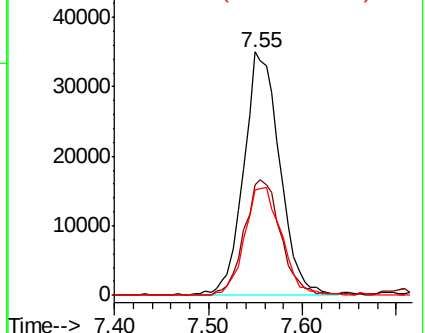
71 45.2 33.5 50.3



Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC



#30

Chloroform

Concen: 56.833 ug/l

RT: 7.70 min Scan# 983

Delta R.T. 0.00 min

Lab File: VD066292.D

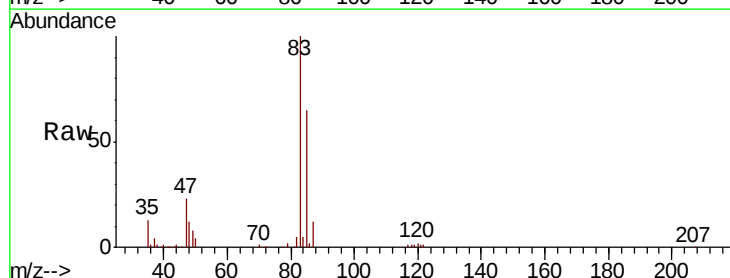
Acq: 18 Aug 2020 21:42

Tgt Ion: 83 Resp: 211377

Ion Ratio Lower Upper

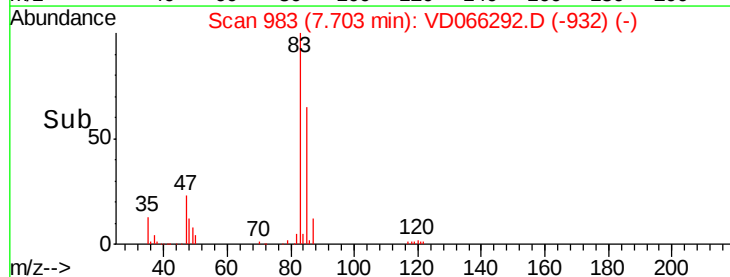
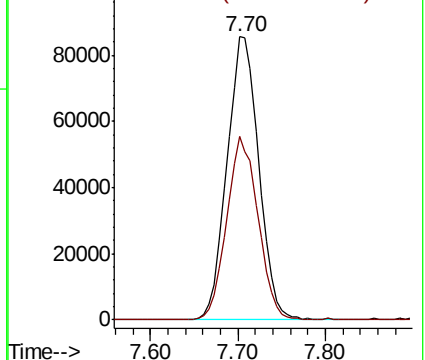
83 100

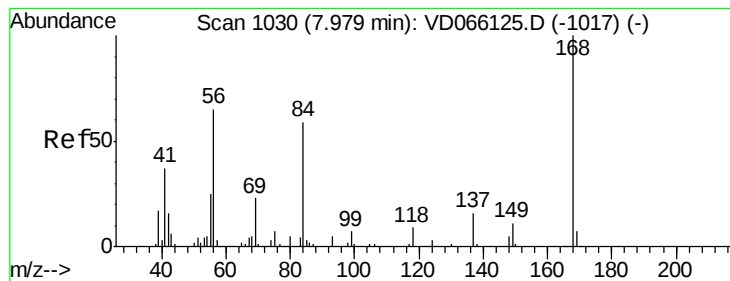
85 64.8 49.5 74.3



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC





#31

Cyclohexane

Concen: 39.290 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066292.D

Acq: 18 Aug 2020 21:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

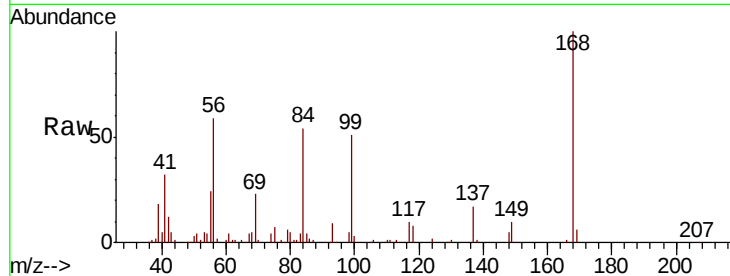
Tot Ion: 56 Resp: 132474

Ion Ratio Lower Upper

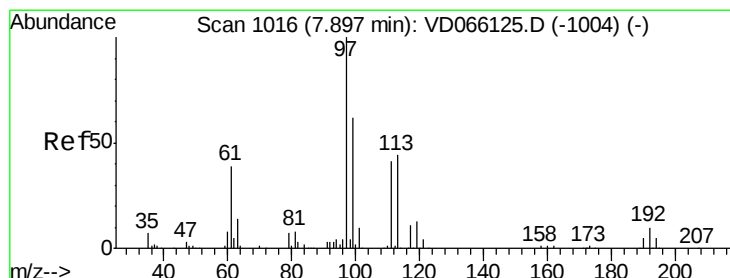
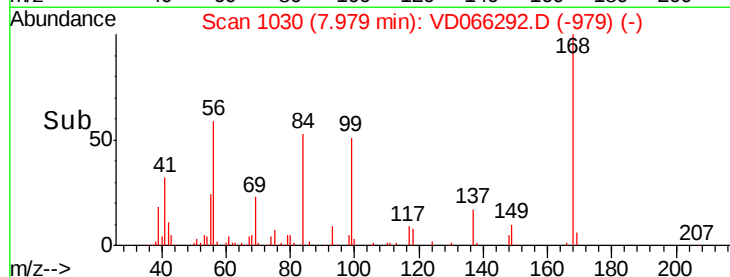
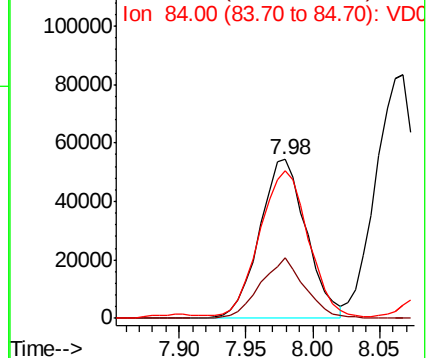
56 100

69 38.5 28.8 43.2

84 91.0 73.0 109.6



Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC



#32

1,1,1-Trichloroethane

Concen: 53.472 ug/l

RT: 7.90 min Scan# 1016

Delta R.T. 0.00 min

Lab File: VD066292.D

Acq: 18 Aug 2020 21:42

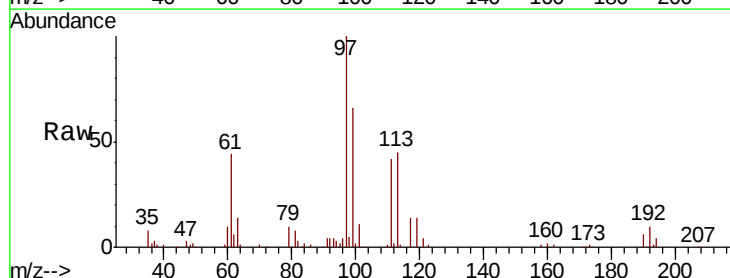
Tgt Ion: 97 Resp: 186468

Ion Ratio Lower Upper

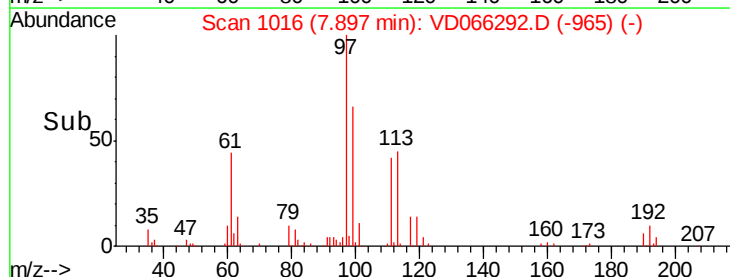
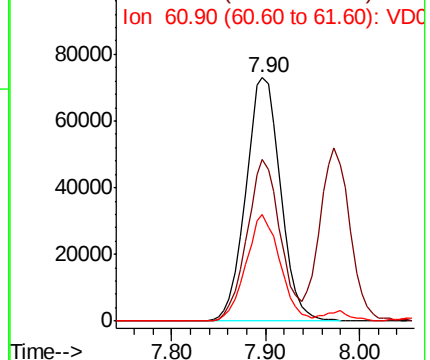
97 100

99 63.9 51.1 76.7

61 42.8 32.7 49.1



Abundance Ion 96.90 (96.60 to 97.60): VDC
Ion 98.90 (98.60 to 99.60): VDC
Ion 60.90 (60.60 to 61.60): VDC

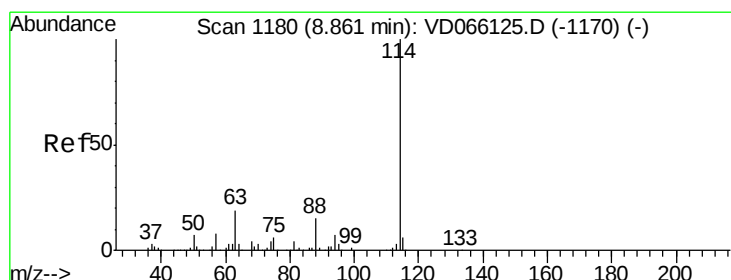
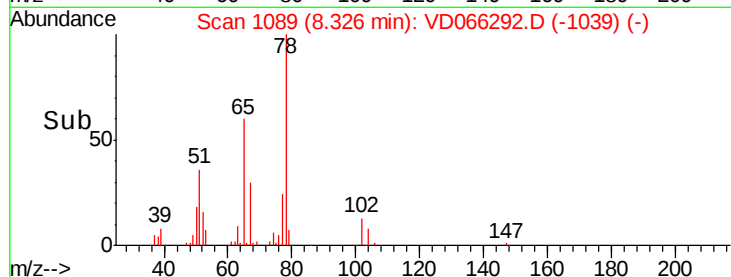
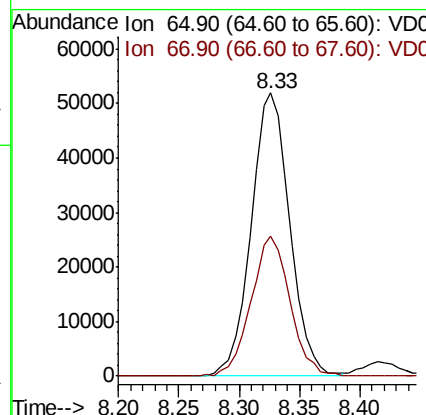
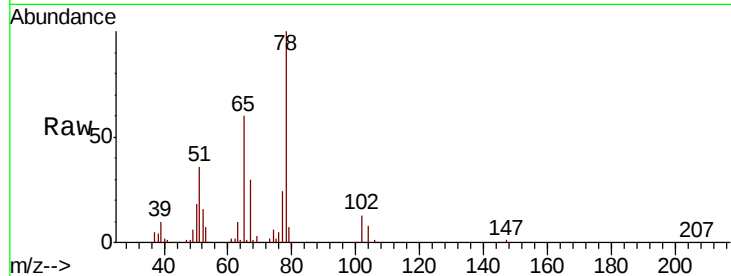




#33
 1,2-Dichloroethane-d4
 Concen: 60.131 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066292.D
 Acq: 18 Aug 2020 21:42

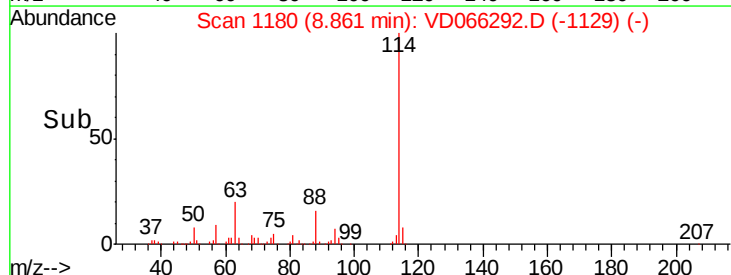
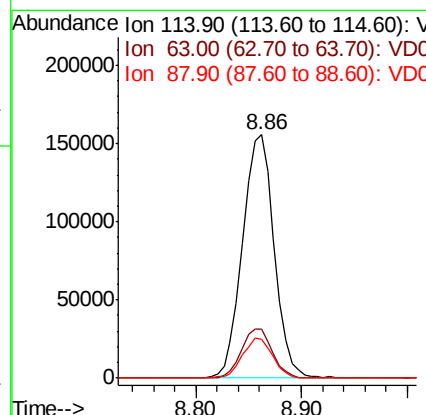
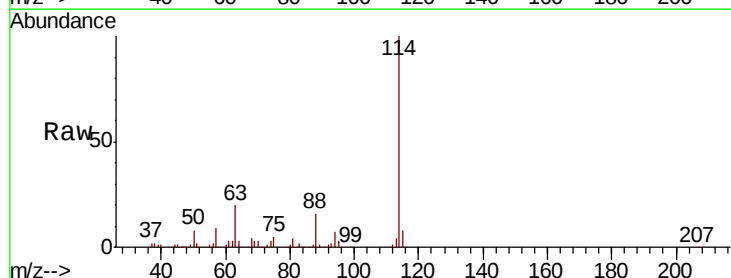
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

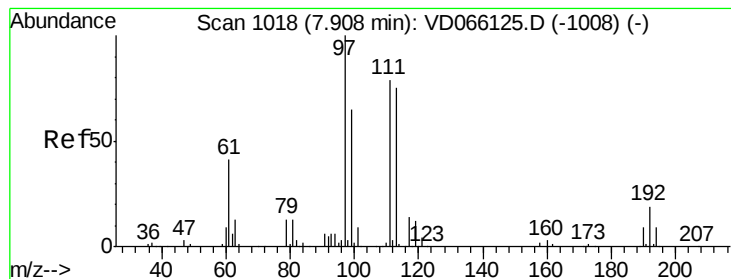
Tot Ion: 65 Resp: 115726
 Ion Ratio Lower Upper
 65 100
 67 49.7 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066292.D
 Acq: 18 Aug 2020 21:42

Tgt Ion: 114 Resp: 323641
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 38.6
 88 15.7 0.0 30.0





#35

Dibromofluoromethane

Concen: 53.583 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VD066292.D

Acq: 18 Aug 2020 21:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

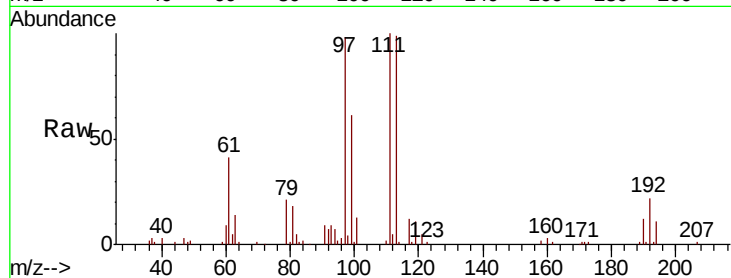
Tot Ion:113 Resp: 109857

Ion Ratio Lower Upper

113 100

111 102.2 80.7 121.1

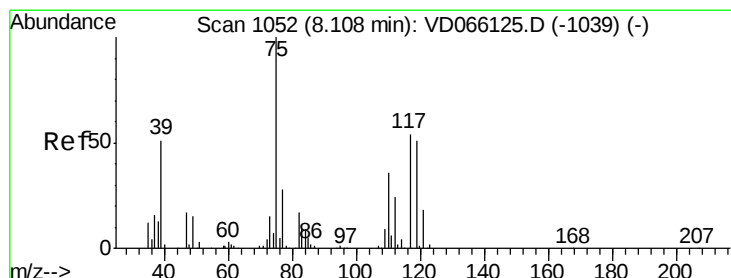
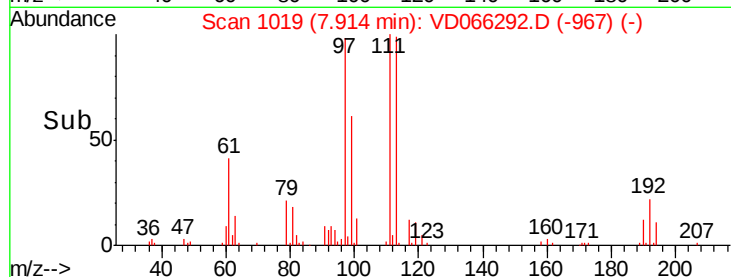
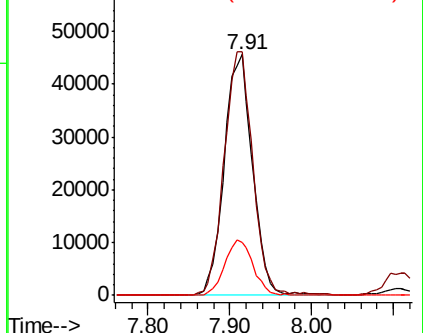
192 22.7 18.4 27.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 46.556 ug/l

RT: 8.11 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VD066292.D

Acq: 18 Aug 2020 21:42

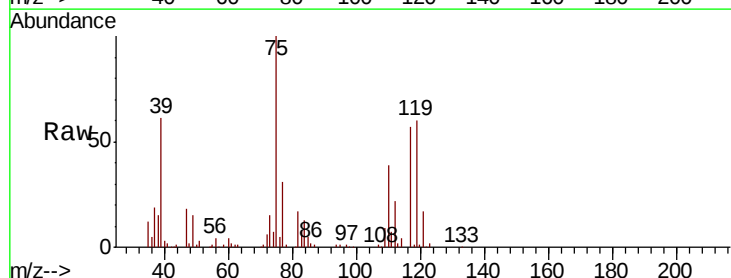
Tgt Ion: 75 Resp: 141589

Ion Ratio Lower Upper

75 100

110 37.5 18.8 56.3

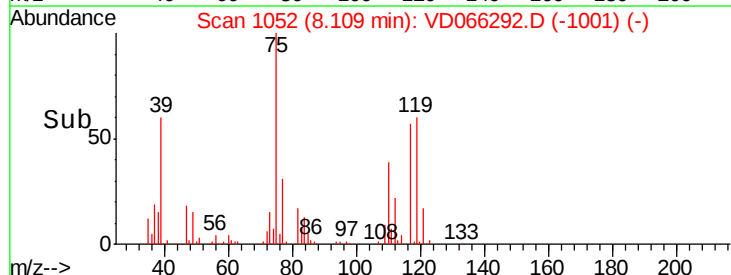
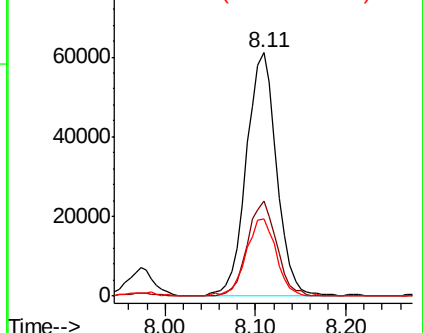
77 31.5 24.2 36.2



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

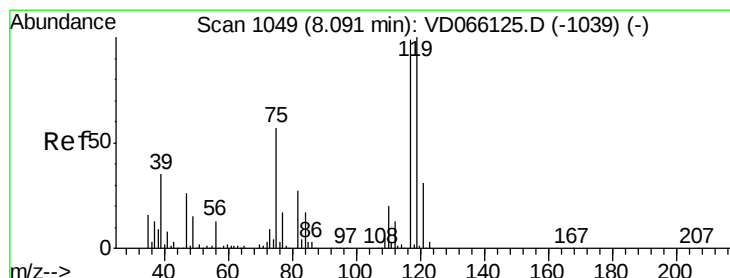
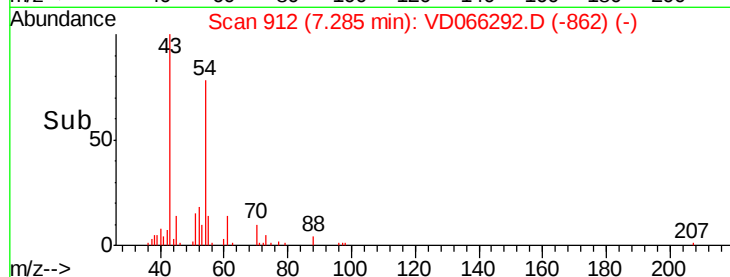
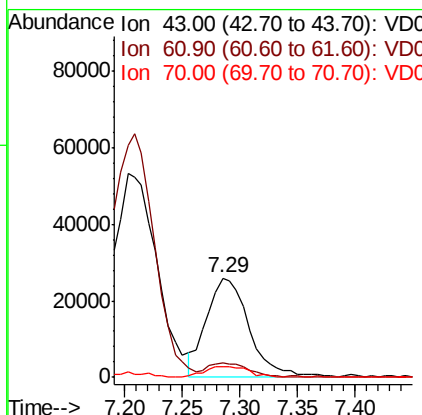
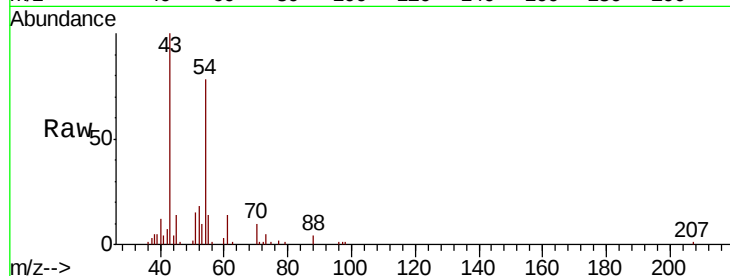




#37
Ethyl Acetate
Concen: 54.330 ug/l
RT: 7.29 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD066292.D
Acq: 18 Aug 2020 21:42

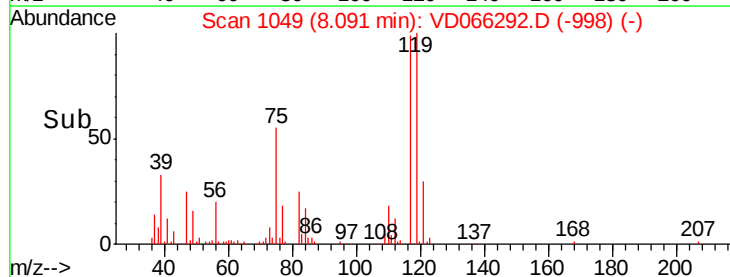
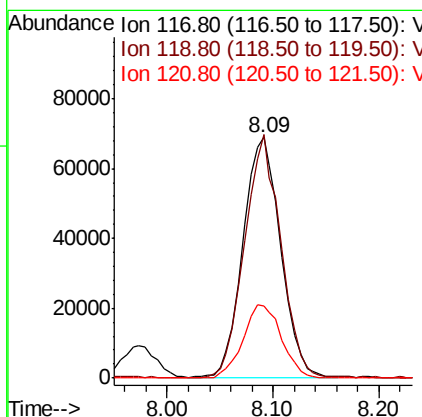
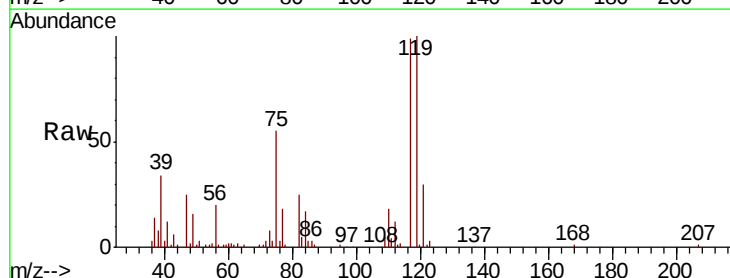
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

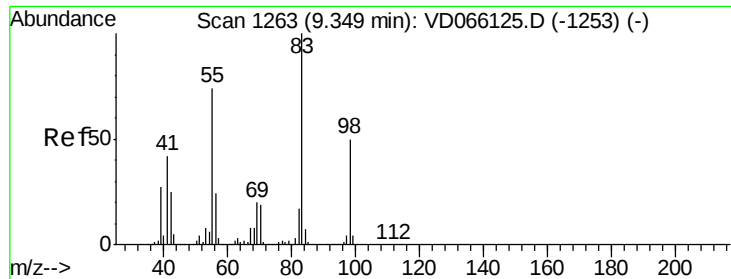
Tot Ion: 43 Resp: 65466
Ion Ratio Lower Upper
43 100
61 13.7 12.0 18.0
70 11.8 9.7 14.5



#38
Carbon Tetrachloride
Concen: 50.211 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VD066292.D
Acq: 18 Aug 2020 21:42

Tgt Ion: 117 Resp: 170289
Ion Ratio Lower Upper
117 100
119 101.5 81.0 121.4
121 30.0 24.8 37.2

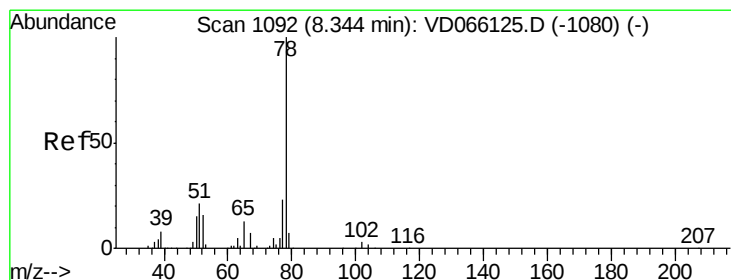
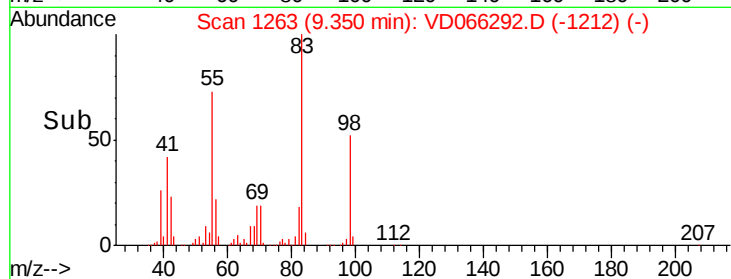
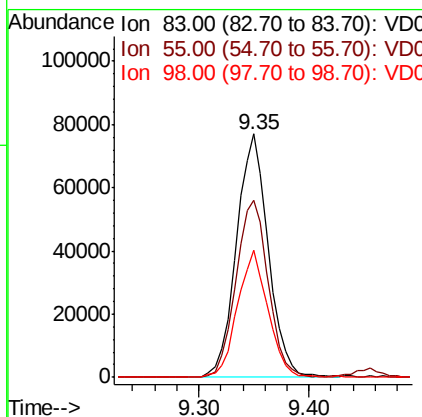
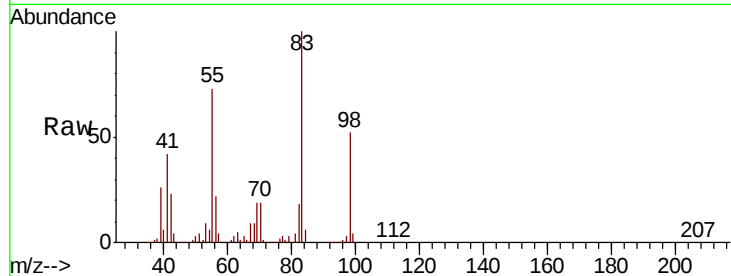




#39
Methvlcvclohexane
Concen: 42.413 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VD066292.D
Acq: 18 Aug 2020 21:42

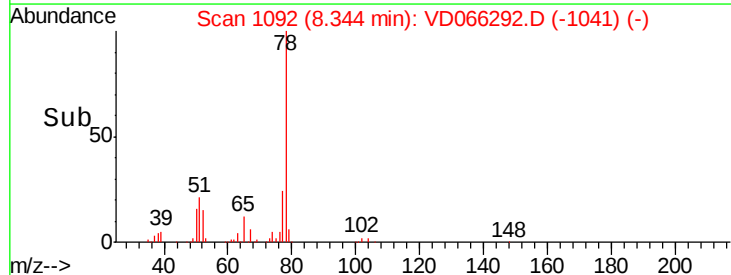
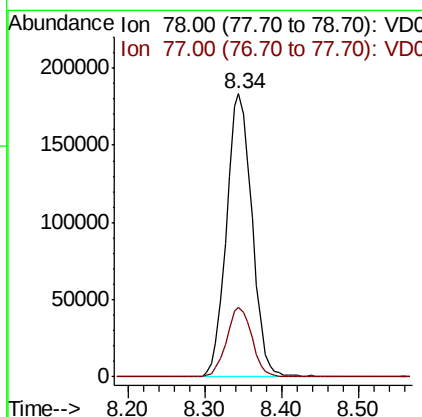
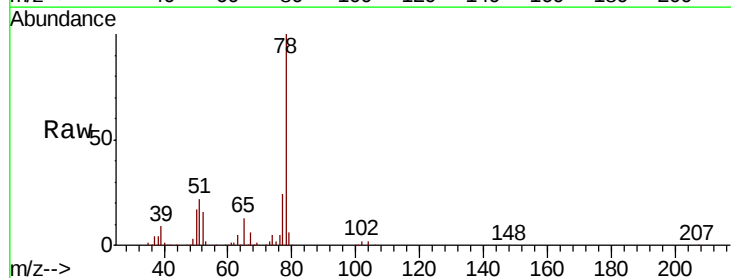
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

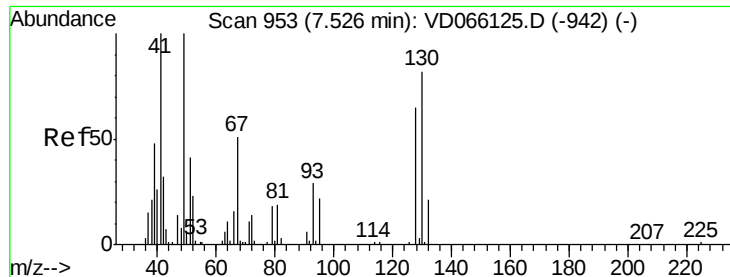
Tot Ion: 83 Resp: 155927
Ion Ratio Lower Upper
83 100
55 72.7 59.2 88.8
98 52.2 39.8 59.6



#40
Benzene
Concen: 50.285 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. 0.00 min
Lab File: VD066292.D
Acq: 18 Aug 2020 21:42

Tgt Ion: 78 Resp: 424237
Ion Ratio Lower Upper
78 100
77 24.4 18.6 27.8





#41

Methacrylonitrile

Concen: 131.859 ug/l

RT: 7.56 min Scan# 958

Delta R.T. 0.03 min

Lab File: VD066292.D

Acq: 18 Aug 2020 21:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 93421

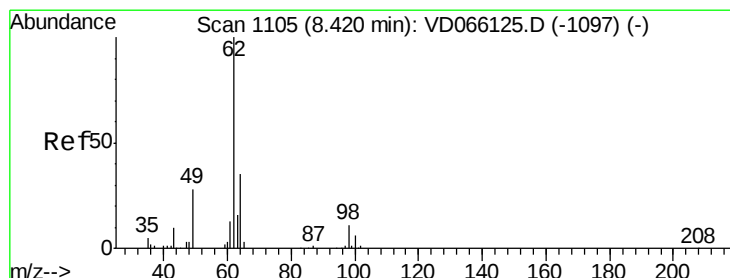
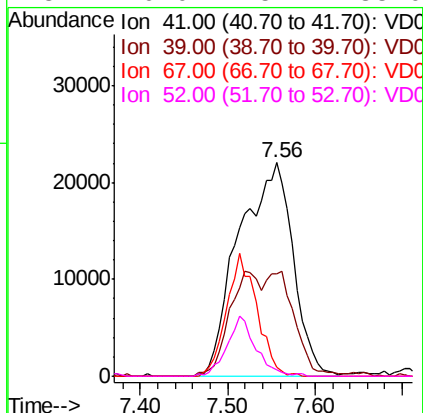
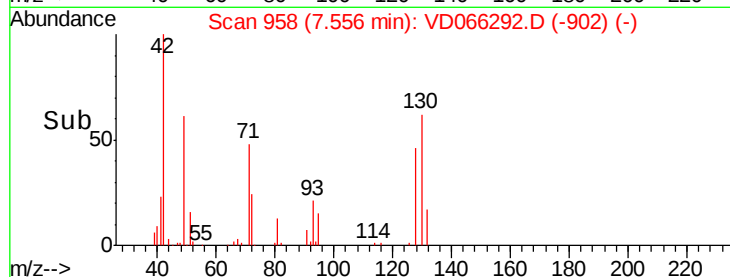
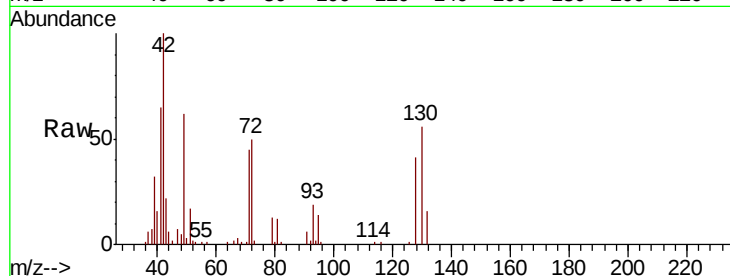
Ion Ratio Lower Upper

41 100

39 0.0 47.5 71.3#

67 0.0 59.1 88.7#

52 0.0 25.4 38.0#



#42

1,2-Dichloroethane

Concen: 58.647 ug/l

RT: 8.41 min Scan# 1104

Delta R.T. -0.01 min

Lab File: VD066292.D

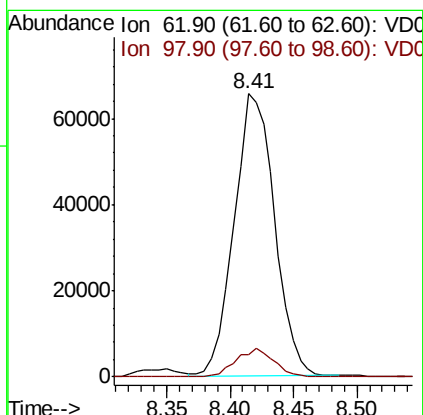
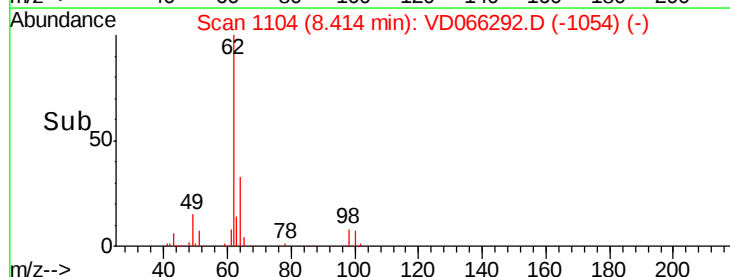
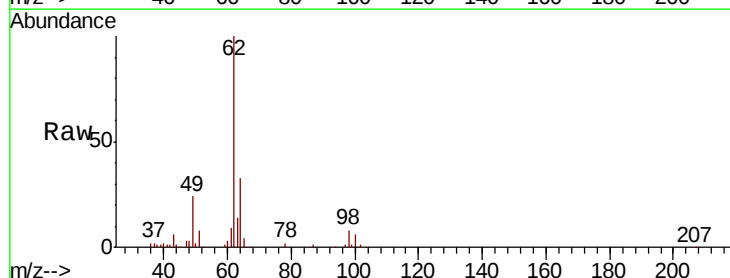
Acq: 18 Aug 2020 21:42

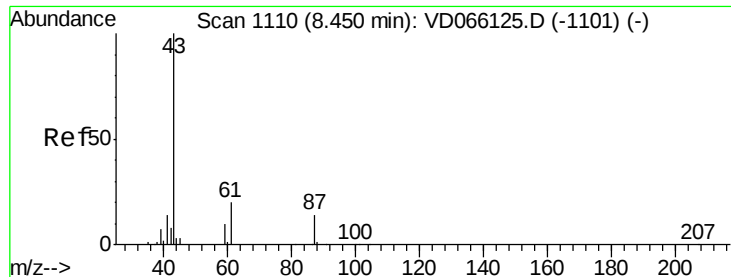
Tgt Ion: 62 Resp: 145353

Ion Ratio Lower Upper

62 100

98 9.5 0.0 20.4





#43

Isopropyl Acetate

Concen: 55.552 ug/l

RT: 8.44 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VD066292.D

Acq: 18 Aug 2020 21:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

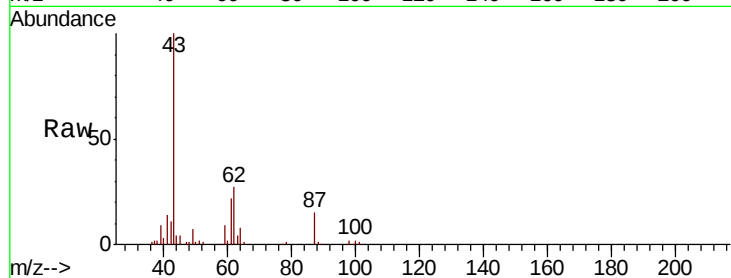
Tot Ion: 43 Resp: 131889

Ion Ratio Lower Upper

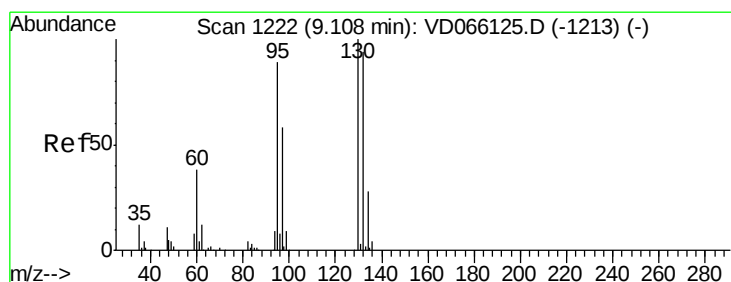
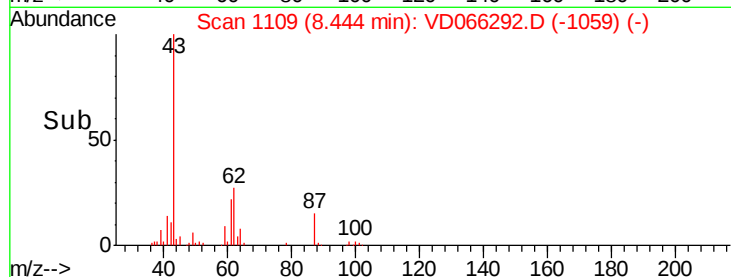
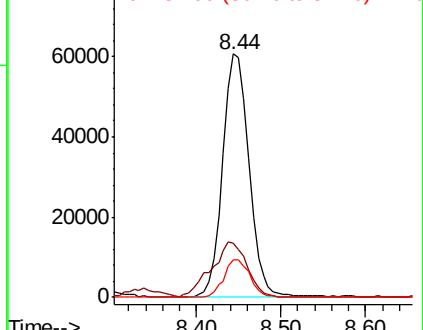
43 100

61 30.4 25.5 38.3

87 15.2 11.2 16.8



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 61.00 (60.70 to 61.70): VDC
Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 50.205 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. 0.00 min

Lab File: VD066292.D

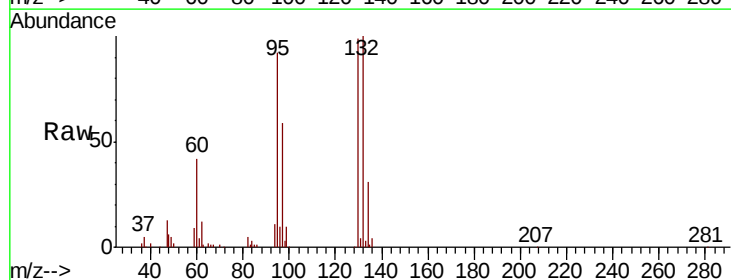
Acq: 18 Aug 2020 21:42

Tgt Ion:130 Resp: 127634

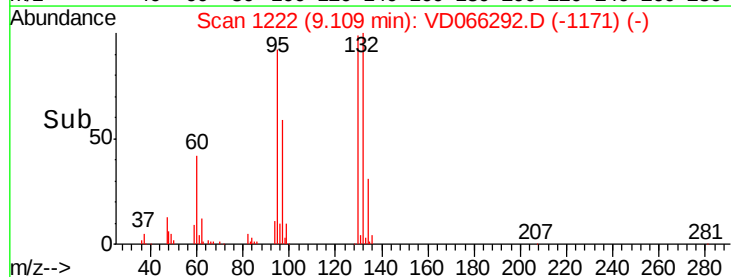
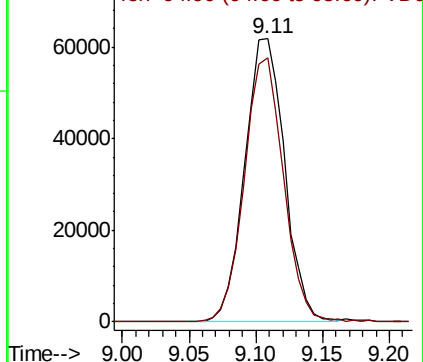
Ion Ratio Lower Upper

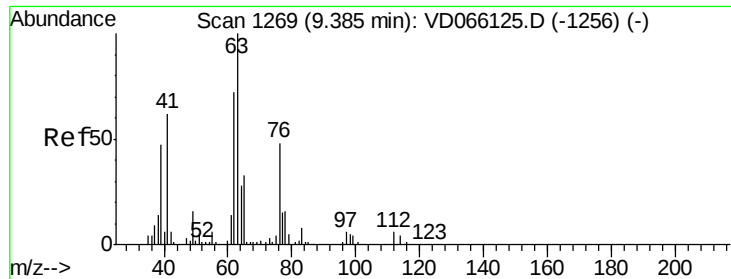
130 100

95 93.2 0.0 178.4



Abundance Ion 129.80 (129.50 to 130.50): VDC
Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 51.214 ug/l

RT: 9.38 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VD066292.D

Acq: 18 Aug 2020 21:42

Instrument :

MSVOA_D

ClientSampleId :

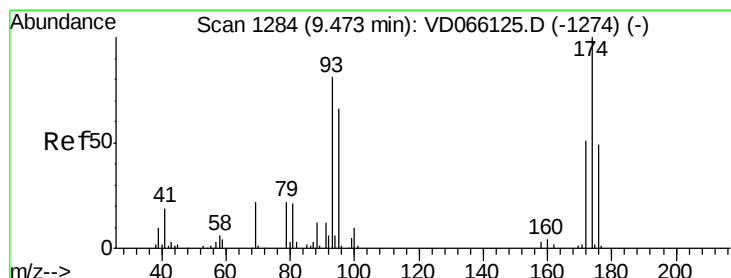
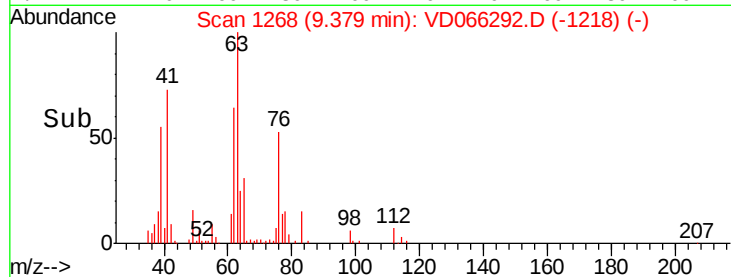
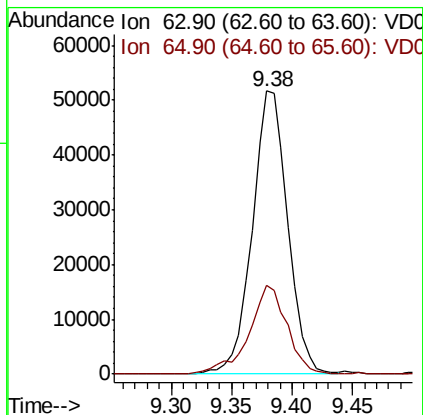
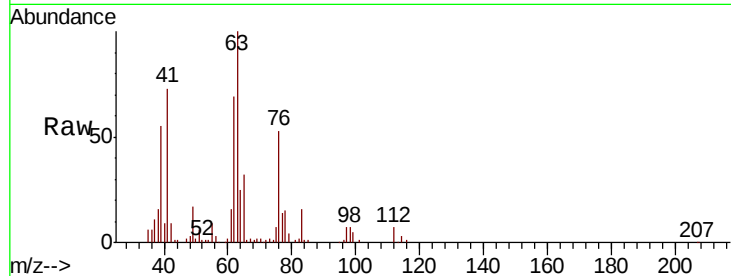
VSTDCCC050EC

Tot Ion: 63 Resp: 105673

Ion Ratio Lower Upper

63 100

65 31.5 26.5 39.7



#46

Dibromomethane

Concen: 57.721 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VD066292.D

Acq: 18 Aug 2020 21:42

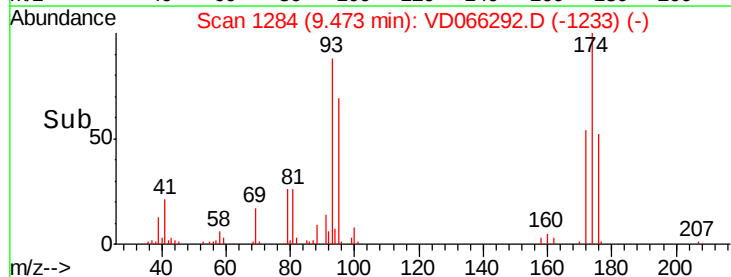
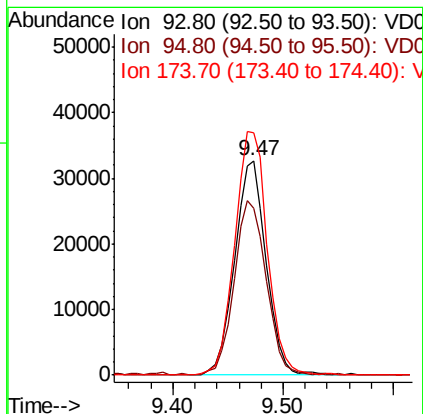
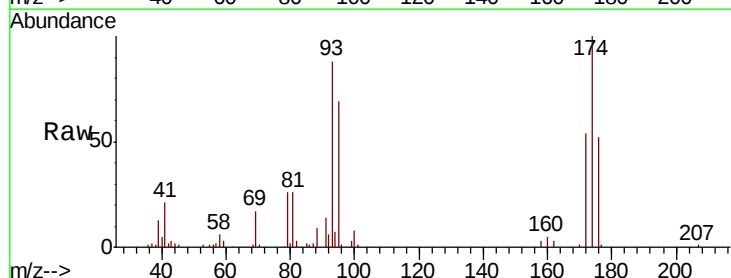
Tgt Ion: 93 Resp: 65604

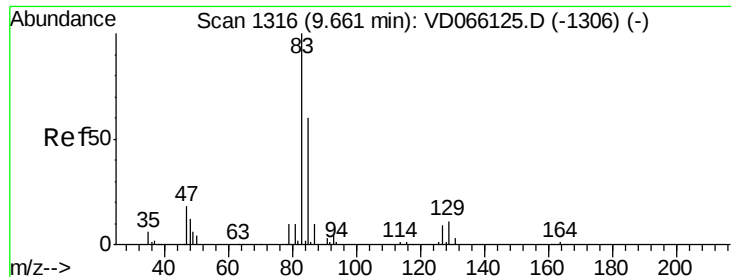
Ion Ratio Lower Upper

93 100

95 82.7 65.8 98.6

174 117.2 92.8 139.2





#47

Bromodichloromethane

Concen: 56.577 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. -0.01 min

Lab File: VD066292.D

Acq: 18 Aug 2020 21:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

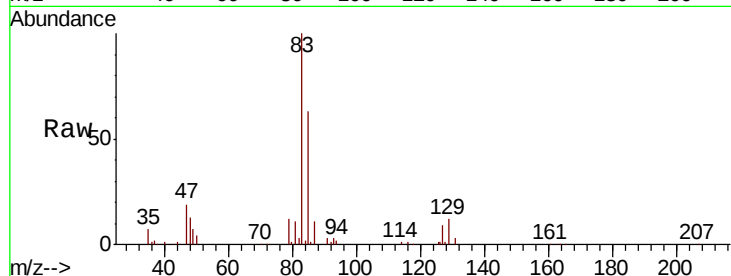
Tot Ion: 83 Resp: 169954

Ion Ratio Lower Upper

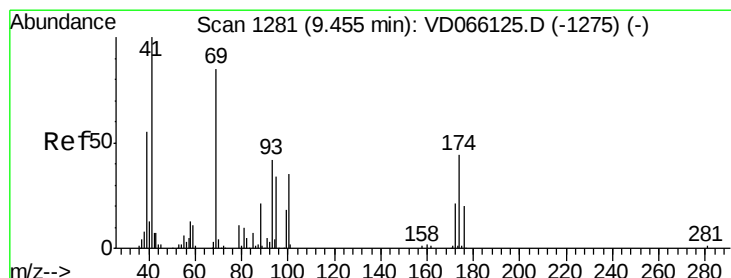
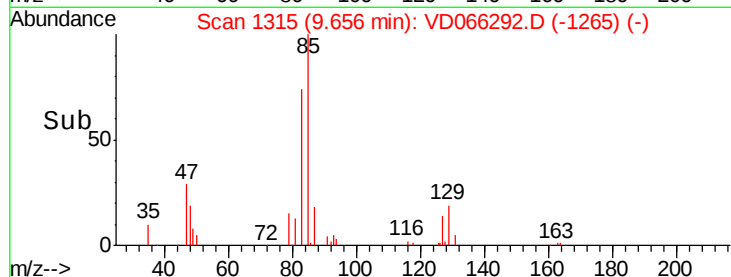
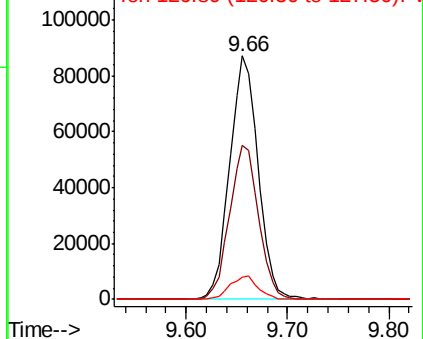
83 100

85 63.3 48.2 72.4

127 9.1 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC
Ion 126.80 (126.50 to 127.50): VDC



#48

Methyl methacrylate

Concen: 52.527 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. -0.01 min

Lab File: VD066292.D

Acq: 18 Aug 2020 21:42

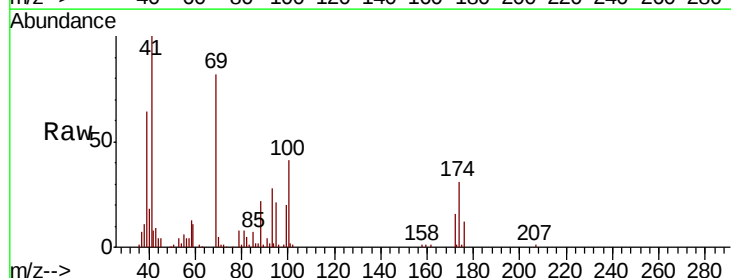
Tgt Ion: 41 Resp: 63678

Ion Ratio Lower Upper

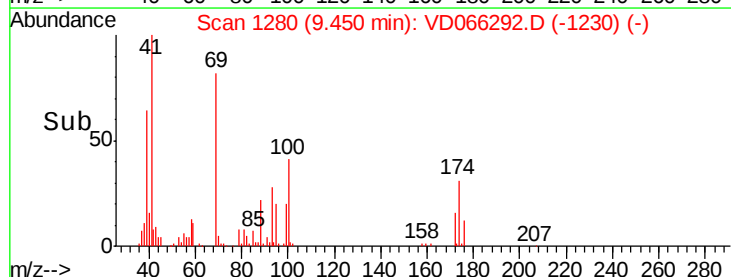
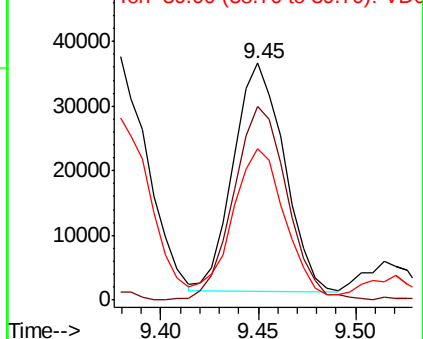
41 100

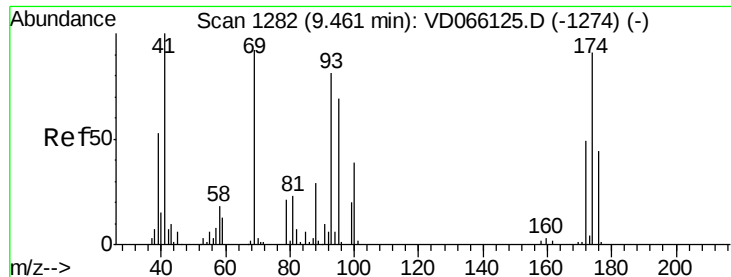
69 89.3 63.9 95.9

39 69.4 42.6 64.0#



Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 39.00 (38.70 to 39.70): VDC





#49

1,4-Dioxane

Concen: 1160.253 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. -0.01 min

Lab File: VD066292.D

Acq: 18 Aug 2020 21:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

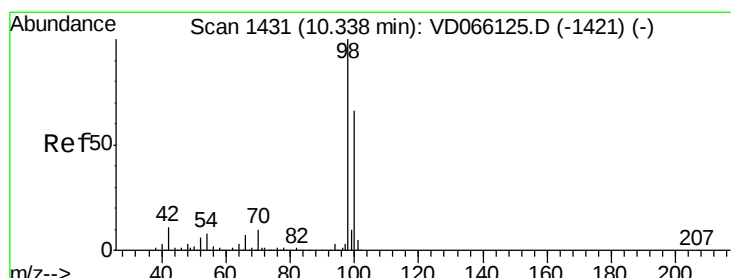
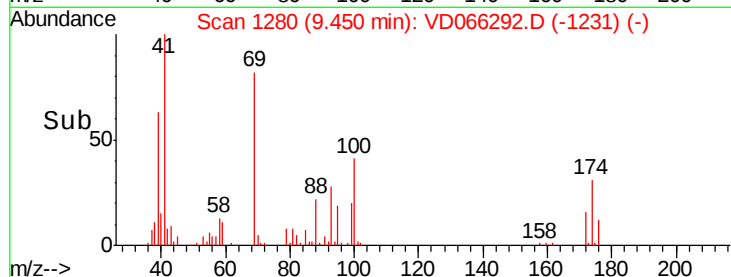
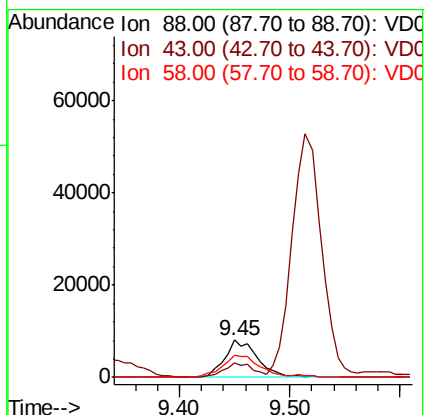
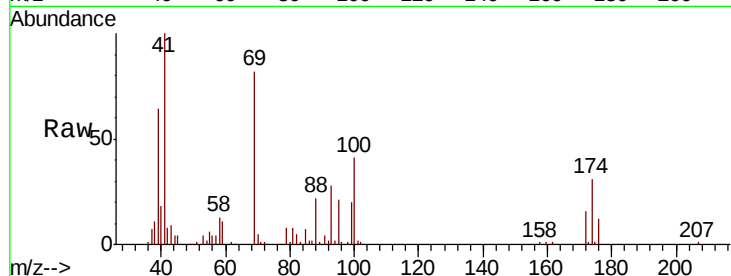
Tot Ion: 88 Resp: 16942

Ion Ratio Lower Upper

88 100

43 34.7 27.5 41.3

58 66.3 50.2 75.4



#50

Toluene-d8

Concen: 51.478 ug/l

RT: 10.33 min Scan# 1430

Delta R.T. -0.01 min

Lab File: VD066292.D

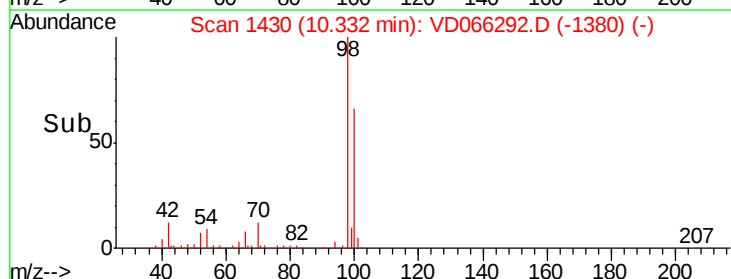
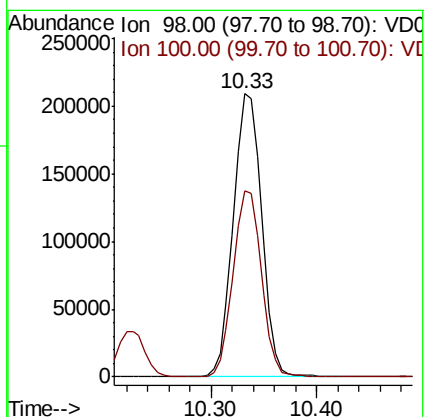
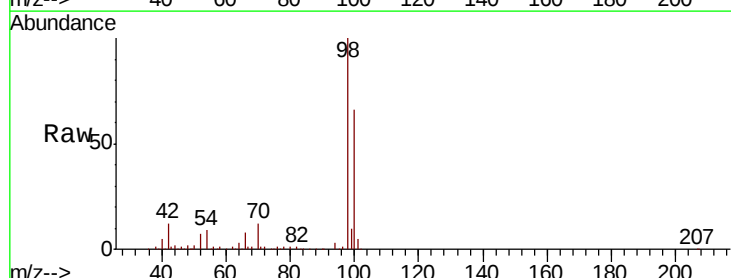
Acq: 18 Aug 2020 21:42

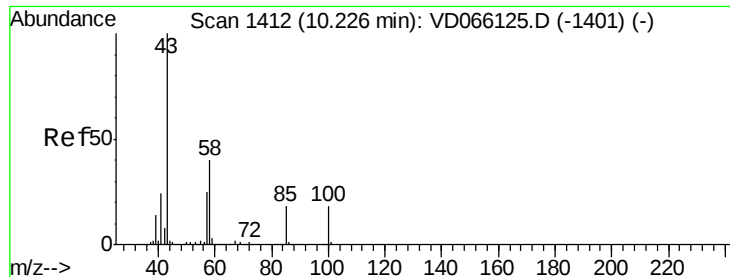
Tgt Ion: 98 Resp: 389474

Ion Ratio Lower Upper

98 100

100 65.5 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 284.669 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. 0.00 min

Lab File: VD066292.D

Acq: 18 Aug 2020 21:42

Instrument :

MSVOA_D

ClientSampleId :

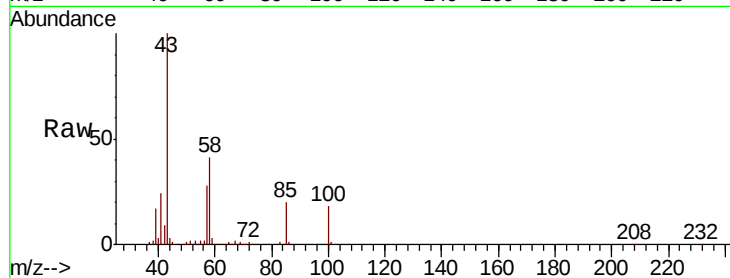
VSTDCCC050EC

Tot Ion: 43 Resp: 347158

Ion Ratio Lower Upper

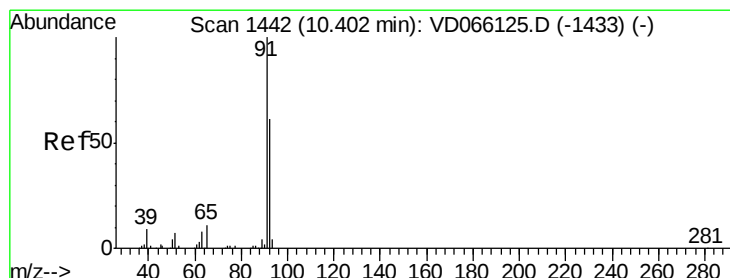
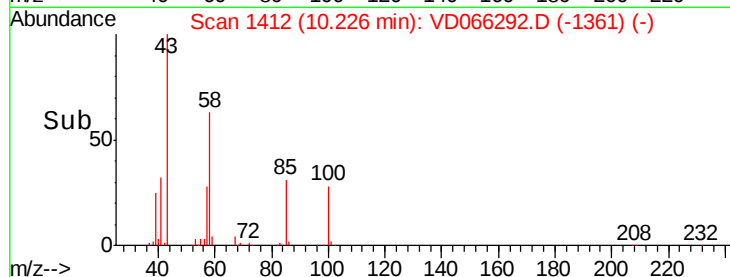
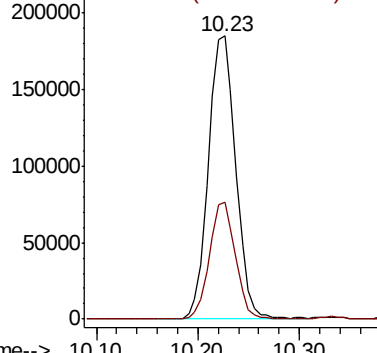
43 100

58 39.3 31.1 46.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 52.121 ug/l

RT: 10.40 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VD066292.D

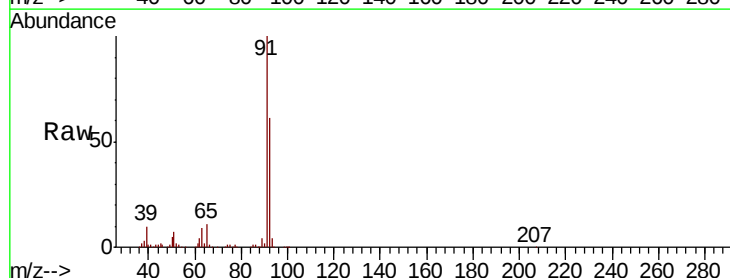
Acq: 18 Aug 2020 21:42

Tgt Ion: 92 Resp: 289347

Ion Ratio Lower Upper

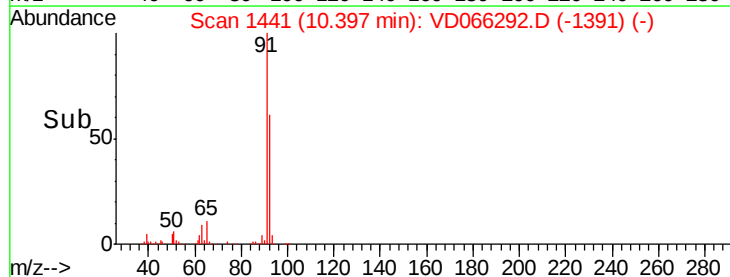
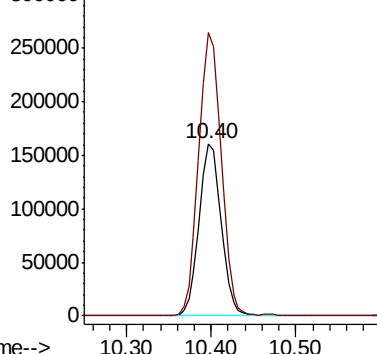
92 100

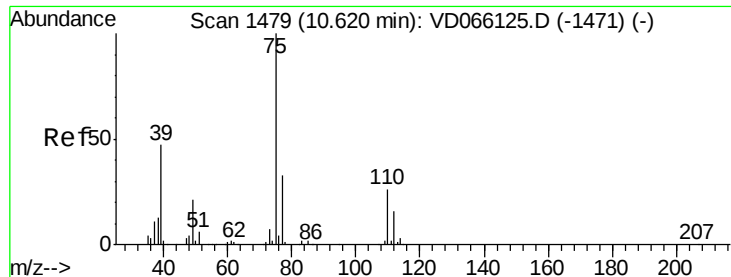
91 168.5 135.2 202.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#53

t-1,3-Dichloropropene

Concen: 54.879 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. 0.00 min

Lab File: VD066292.D

Acq: 18 Aug 2020 21:42

Instrument :

MSVOA_D

ClientSampleId :

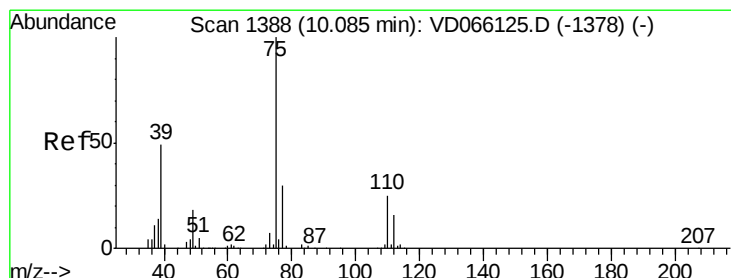
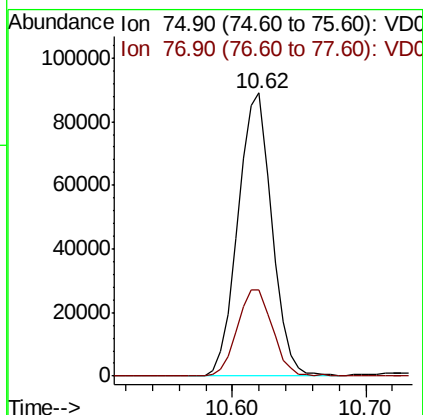
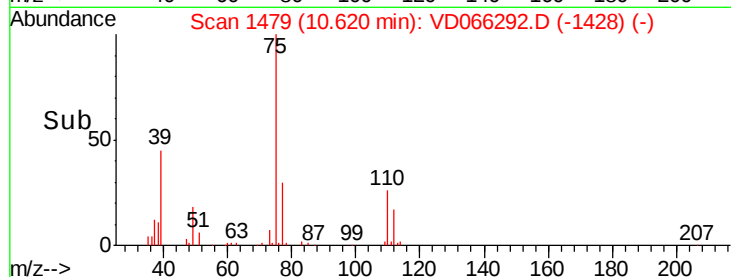
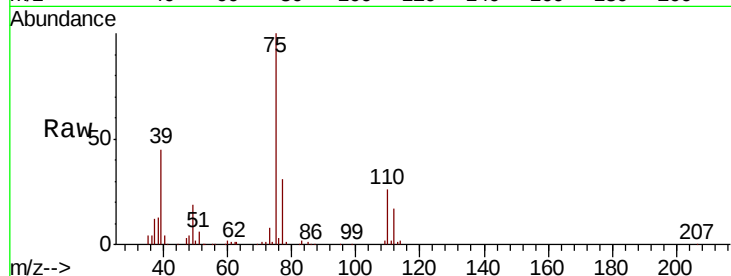
VSTDCCC050EC

Tot Ion: 75 Resp: 156447

Ion Ratio Lower Upper

75 100

77 30.7 26.2 39.2



#54

cis-1,3-Dichloropropene

Concen: 53.529 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VD066292.D

Acq: 18 Aug 2020 21:42

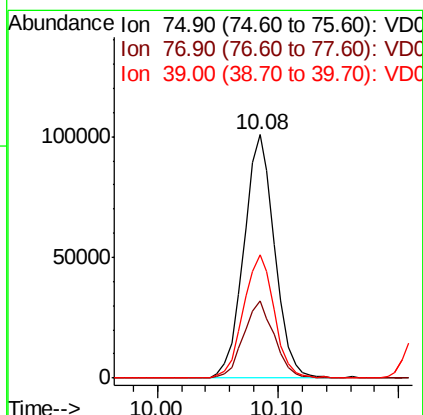
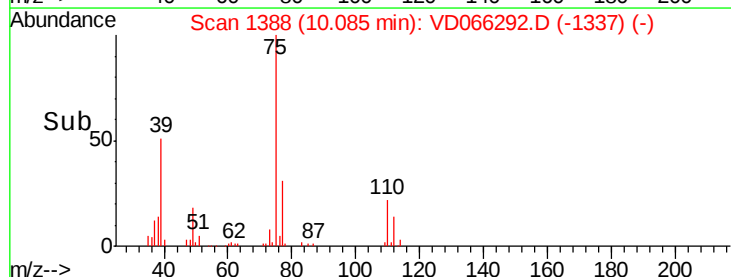
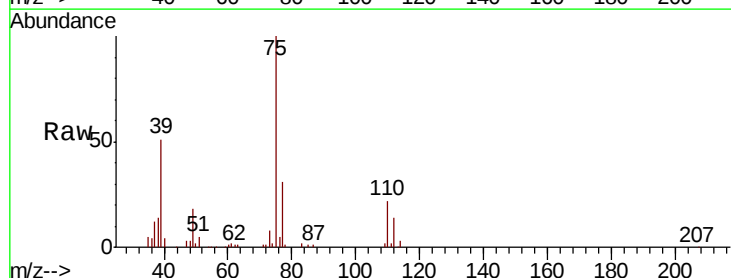
Tgt Ion: 75 Resp: 178789

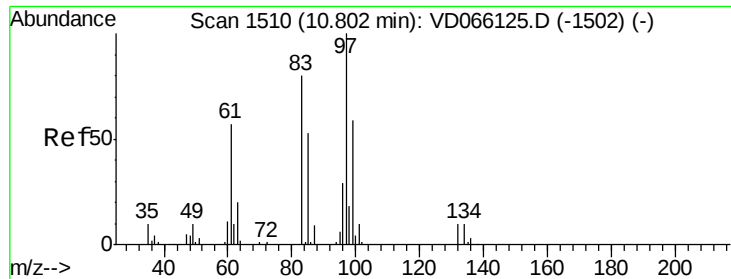
Ion Ratio Lower Upper

75 100

77 31.5 24.3 36.5

39 50.7 39.3 58.9

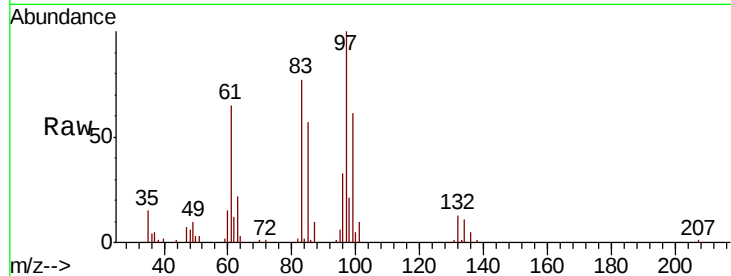




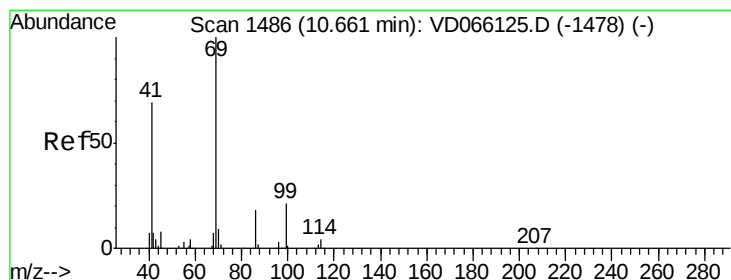
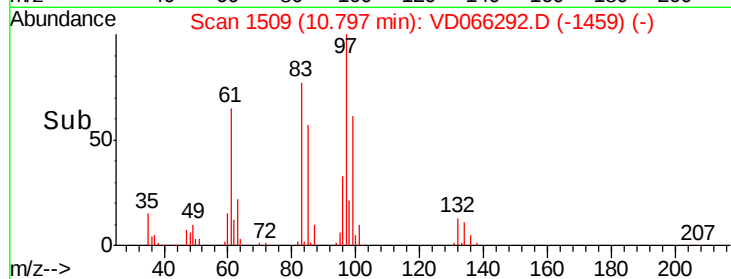
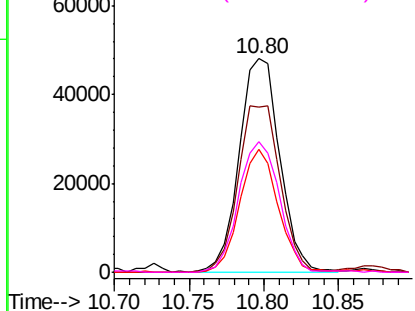
#55
 1,1,2-Trichloroethane
 Concen: 55.454 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VD066292.D
 Acq: 18 Aug 2020 21:42

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	90756
Ion	Ratio	Lower	Upper
97	100		
83	77.2	63.9	95.9
85	57.5	42.5	63.7
99	61.1	47.4	71.0

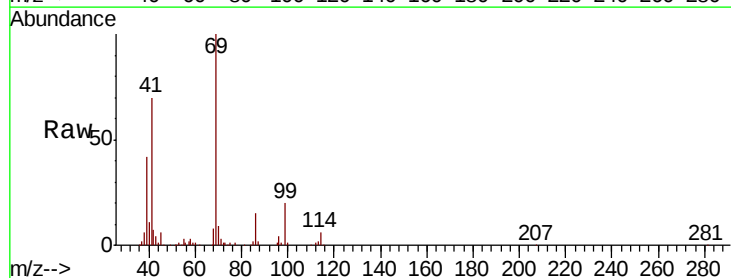


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

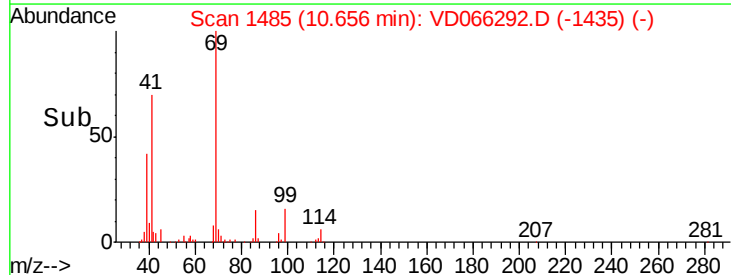
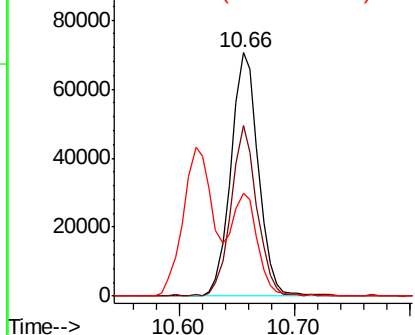


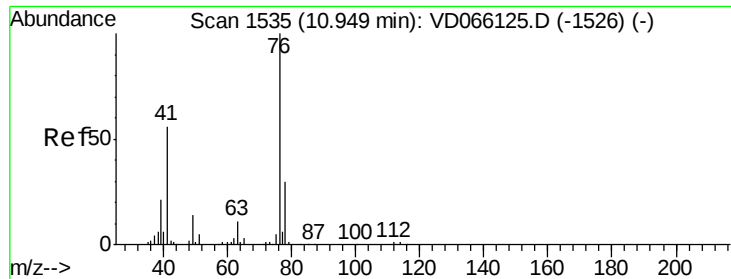
#56
 Ethyl methacrylate
 Concen: 58.871 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: VD066292.D
 Acq: 18 Aug 2020 21:42

Tgt Ion:	69	Resp:	115743
Ion	Ratio	Lower	Upper
69	100		
41	66.7	54.1	81.1
39	39.6	28.6	43.0



Abundance Ion 69.00 (68.70 to 69.70): VDC
 Ion 41.00 (40.70 to 41.70): VDC
 Ion 39.00 (38.70 to 39.70): VDC





#57

1,3-Dichloropropane

Concen: 55.422 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.01 min

Lab File: VD066292.D

Acq: 18 Aug 2020 21:42

Instrument :

MSVOA_D

ClientSampleId :

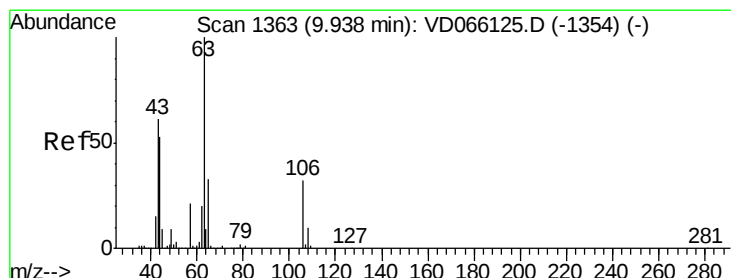
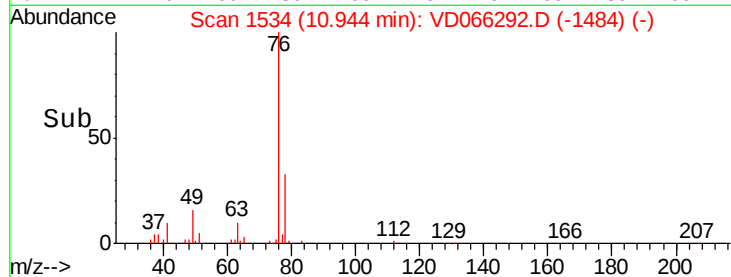
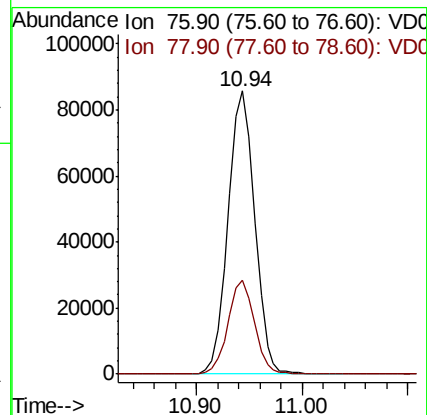
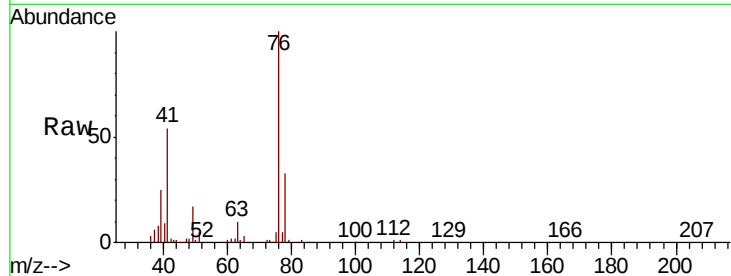
VSTDCCC050EC

Tot Ion: 76 Resp: 150580

Ion Ratio Lower Upper

76 100

78 32.7 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 293.117 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VD066292.D

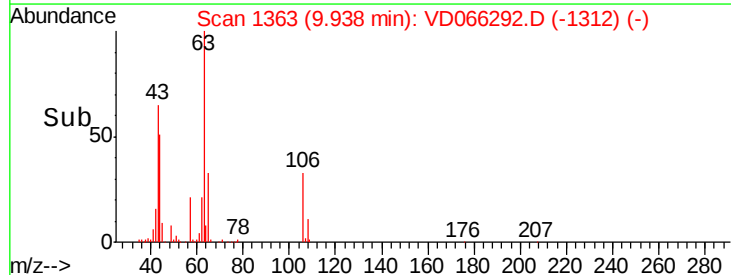
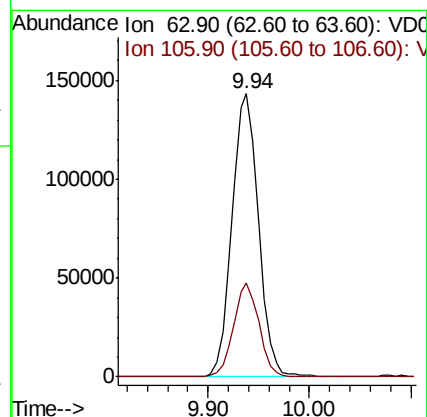
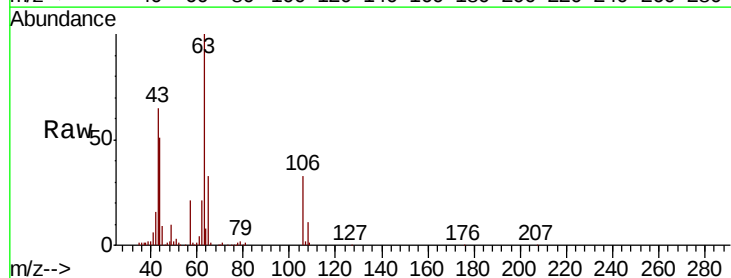
Acq: 18 Aug 2020 21:42

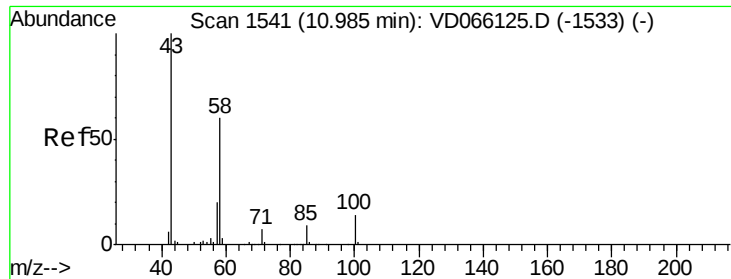
Tgt Ion: 63 Resp: 259217

Ion Ratio Lower Upper

63 100

106 31.9 25.3 37.9

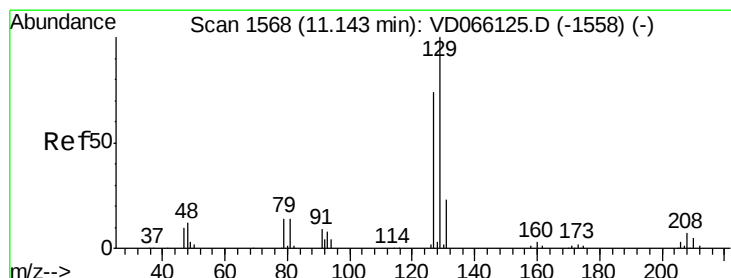
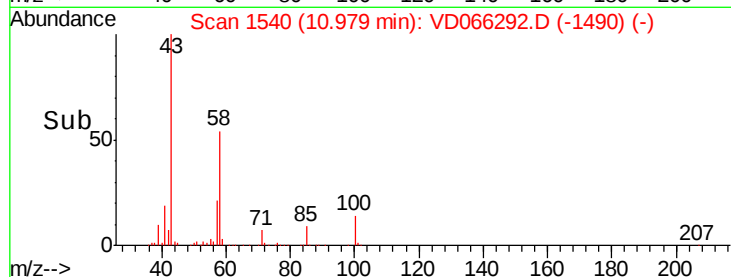
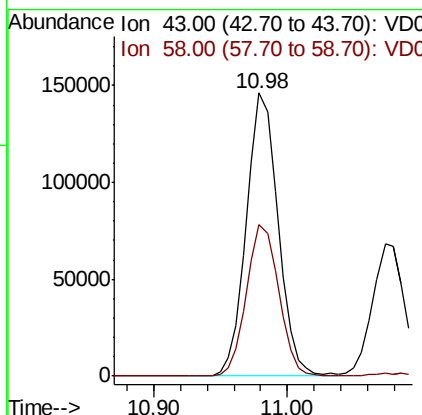
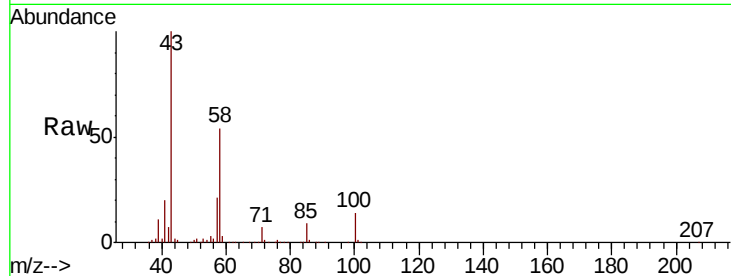




#59
2-Hexanone
Concen: 281.104 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.01 min
Lab File: VD066292.D
Acq: 18 Aug 2020 21:42

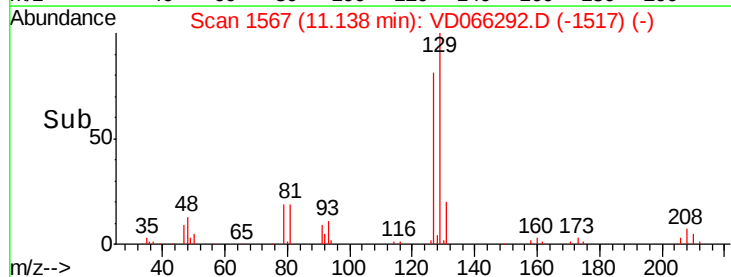
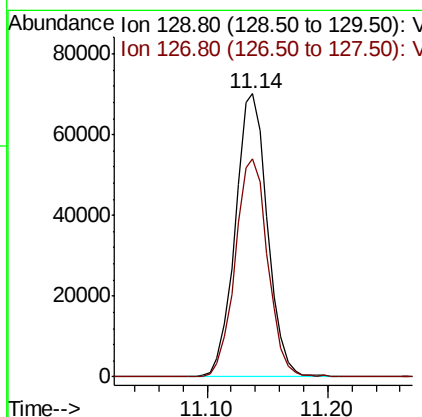
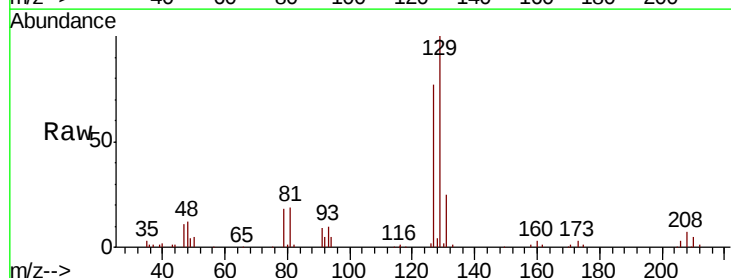
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

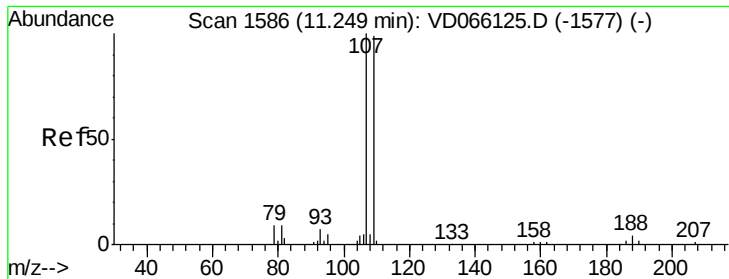
Tot Ion: 43 Resp: 240590
Ion Ratio Lower Upper
43 100
58 54.7 27.8 83.4



#60
Dibromochloromethane
Concen: 57.664 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VD066292.D
Acq: 18 Aug 2020 21:42

Tgt Ion: 129 Resp: 130290
Ion Ratio Lower Upper
129 100
127 77.7 38.0 114.1

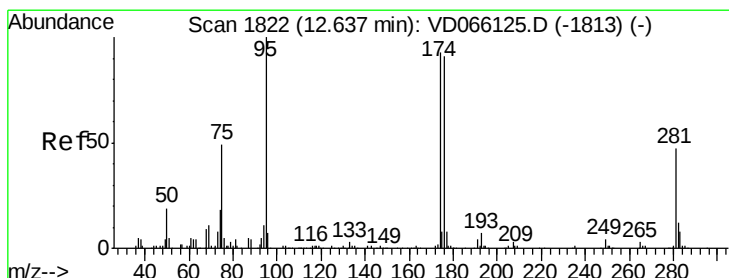
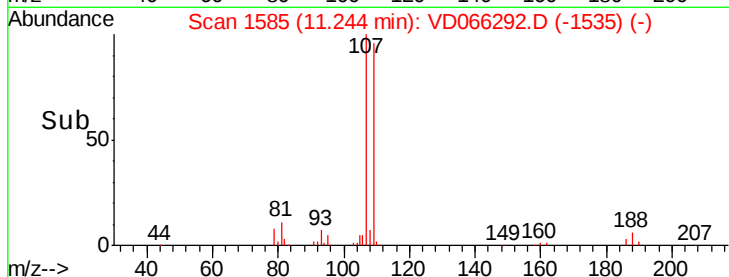
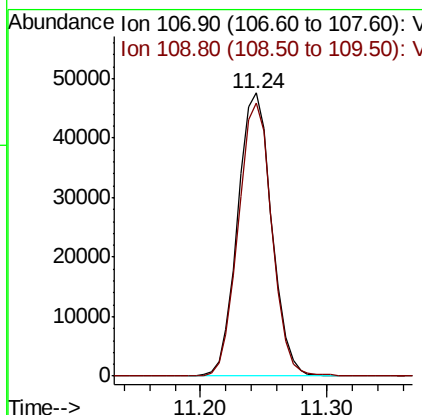
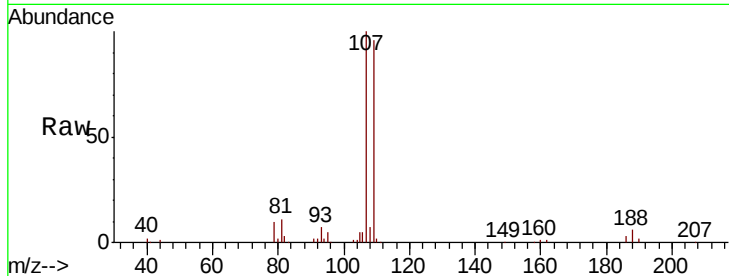




#61
 1,2-Dibromoethane
 Concen: 56.250 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: VD066292.D
 Acq: 18 Aug 2020 21:42

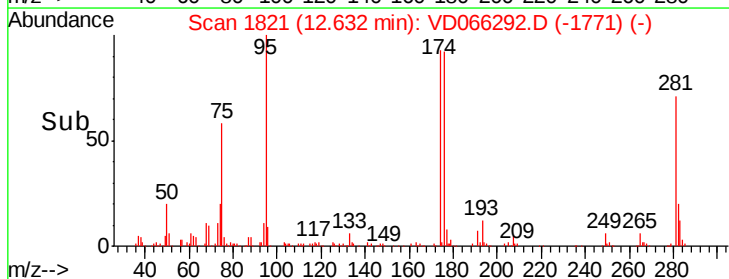
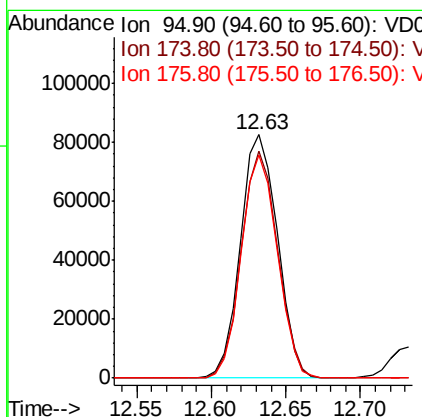
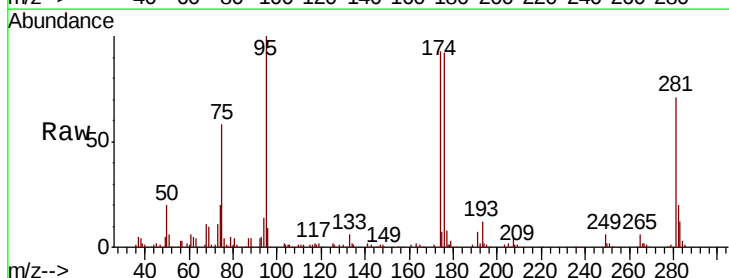
Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDCCC050EC

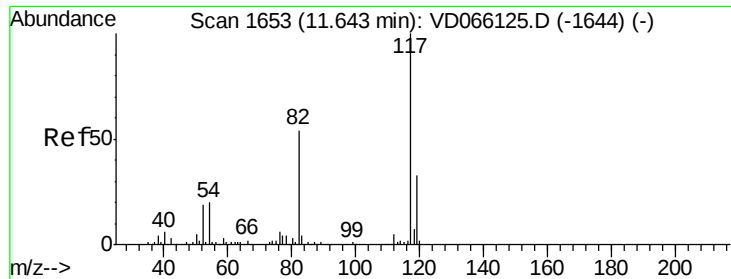
Tot Ion:107 Resp: 88533
 Ion Ratio Lower Upper
 107 100
 109 95.1 76.5 114.7



#62
 4-Bromofluorobenzene
 Concen: 52.121 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: VD066292.D
 Acq: 18 Aug 2020 21:42

Tgt Ion: 95 Resp: 142145
 Ion Ratio Lower Upper
 95 100
 174 91.5 0.0 180.8
 176 89.2 0.0 181.2

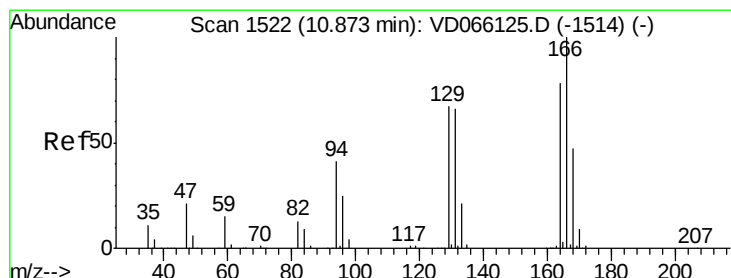
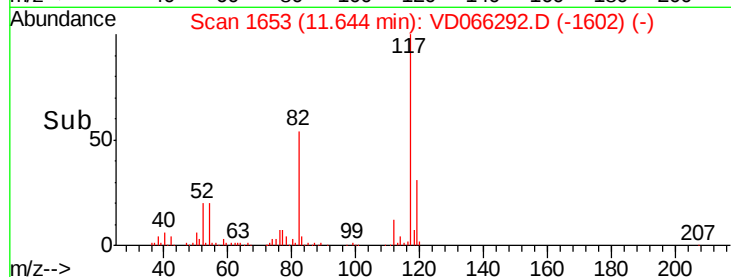
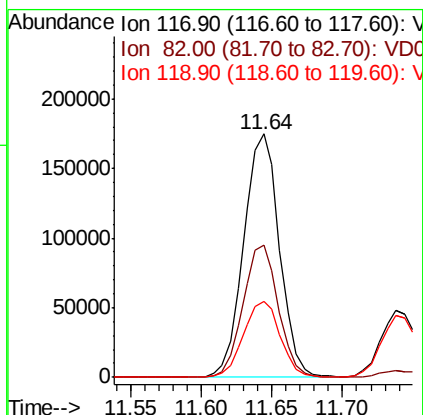
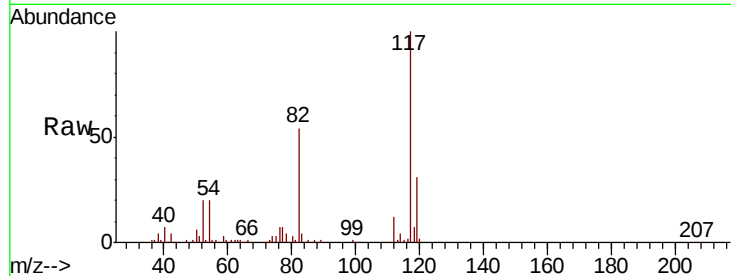




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066292.D
Acq: 18 Aug 2020 21:42

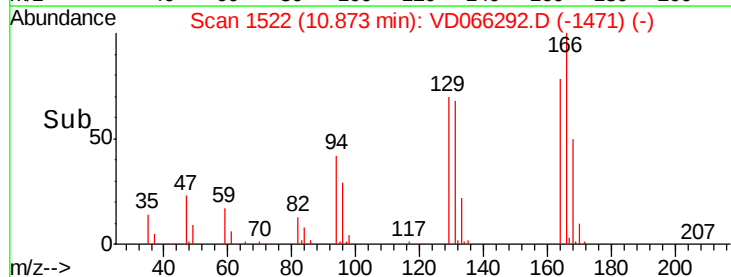
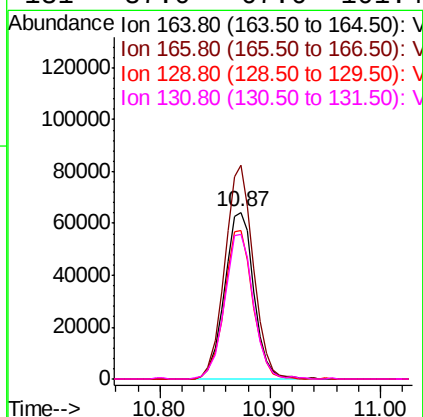
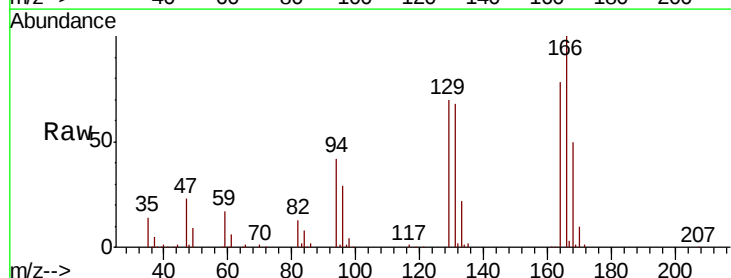
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

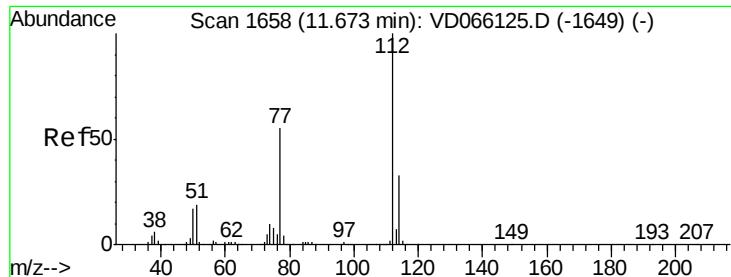
Tot Ion:117 Resp: 310704
Ion Ratio Lower Upper
117 100
82 54.4 43.0 64.4
119 31.0 26.1 39.1



#64
Tetrachloroethene
Concen: 49.828 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066292.D
Acq: 18 Aug 2020 21:42

Tgt Ion:164 Resp: 118882
Ion Ratio Lower Upper
164 100
166 128.3 101.9 152.9
129 89.6 68.1 102.1
131 87.0 67.6 101.4

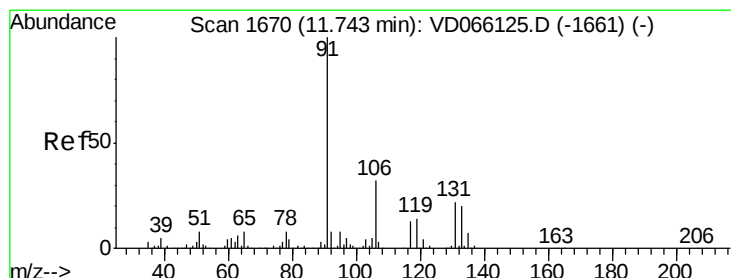
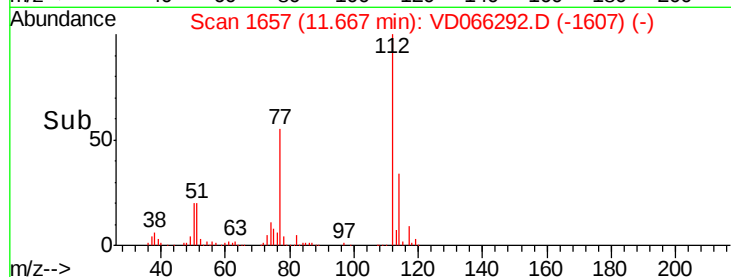
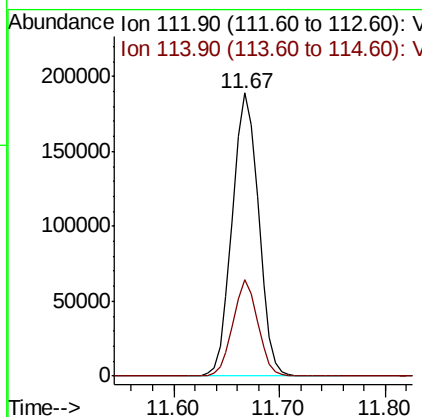
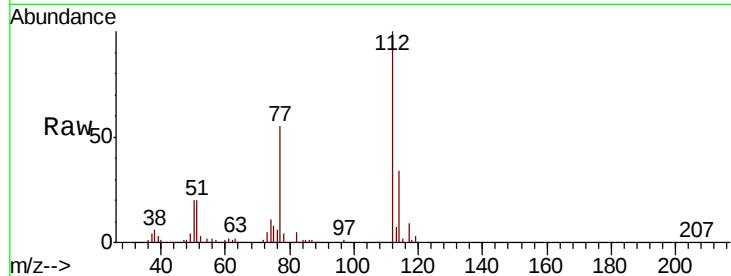




#65
Chlorobenzene
Concen: 51.682 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.01 min
Lab File: VD066292.D
Acq: 18 Aug 2020 21:42

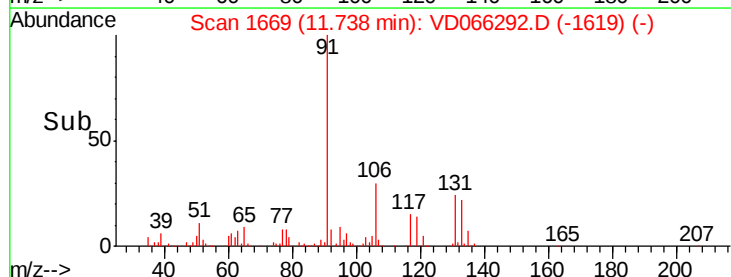
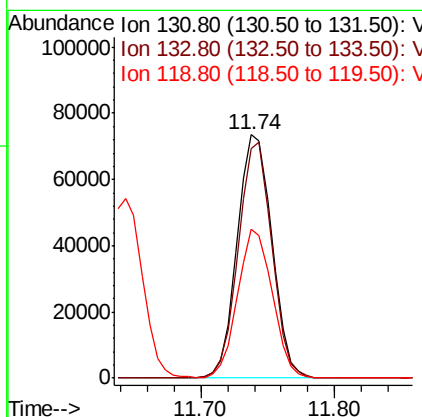
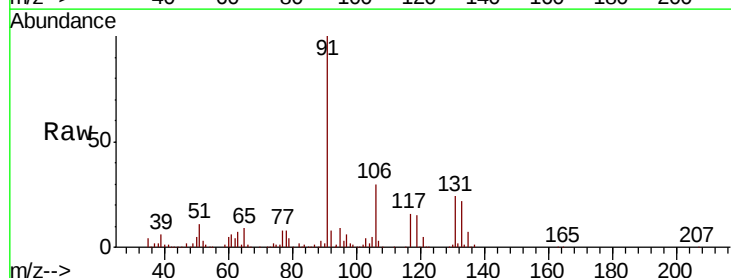
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

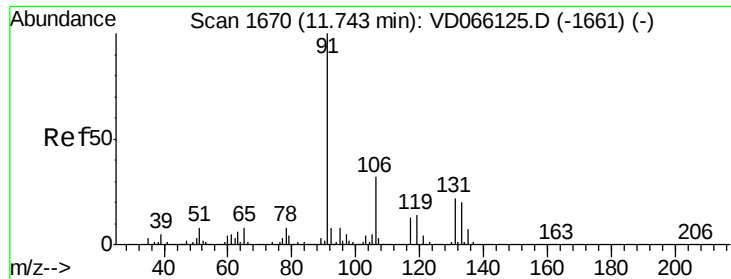
Tot Ion:112 Resp: 325976
Ion Ratio Lower Upper
112 100
114 34.0 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 53.815 ug/l
RT: 11.74 min Scan# 1669
Delta R.T. -0.01 min
Lab File: VD066292.D
Acq: 18 Aug 2020 21:42

Tgt Ion:131 Resp: 132810
Ion Ratio Lower Upper
131 100
133 93.6 47.1 141.4
119 61.0 31.6 94.7

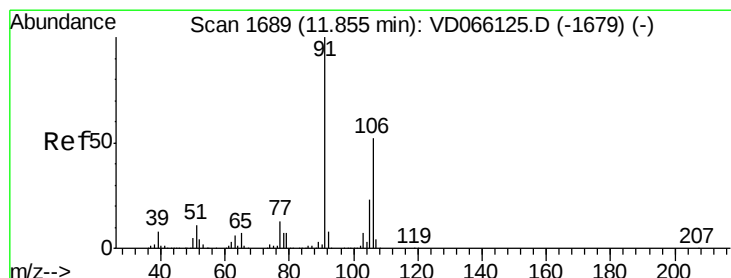
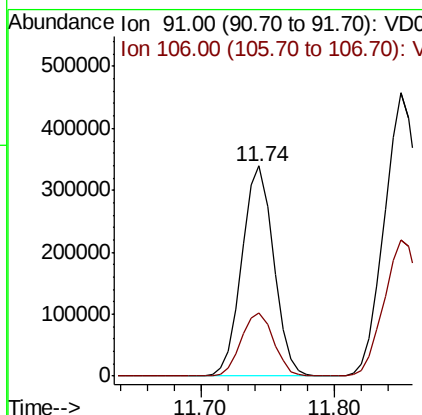
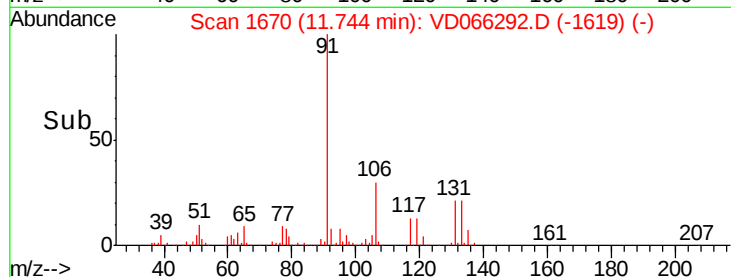
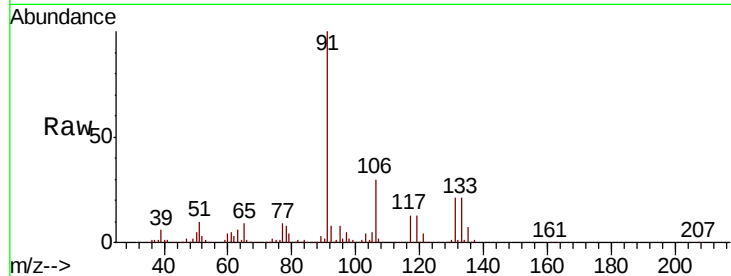




#67
Ethyl Benzene
Concen: 51.137 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066292.D
Acq: 18 Aug 2020 21:42

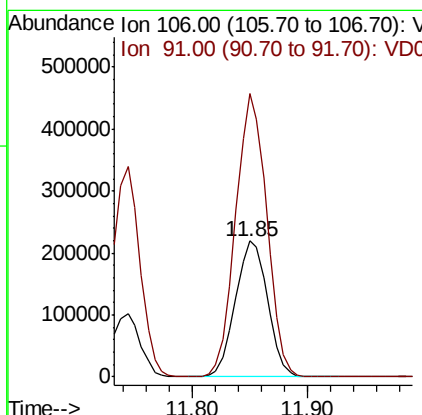
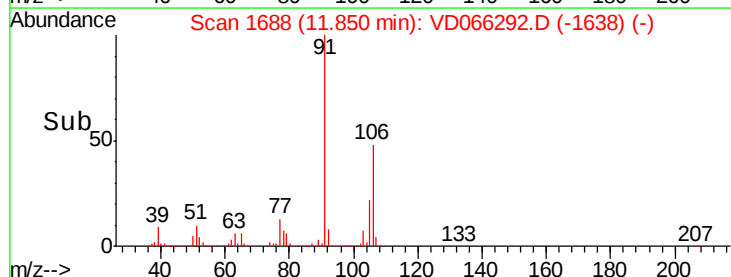
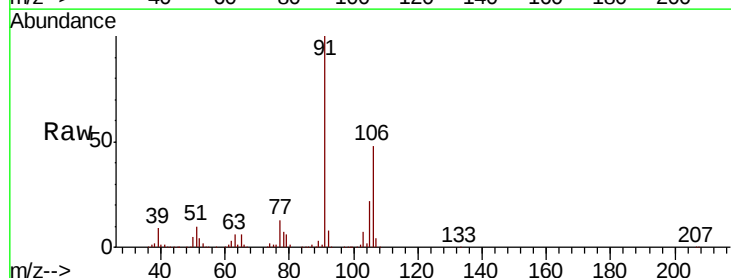
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

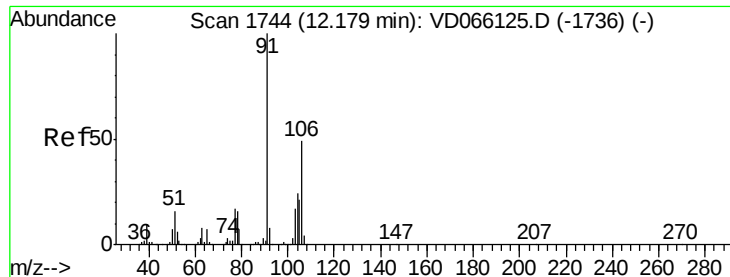
Tot Ion: 91 Resp: 558935
Ion Ratio Lower Upper
91 100
106 29.9 25.7 38.5



#68
m/p-Xylenes
Concen: 99.960 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VD066292.D
Acq: 18 Aug 2020 21:42

Tgt Ion: 106 Resp: 423309
Ion Ratio Lower Upper
106 100
91 202.6 156.6 235.0

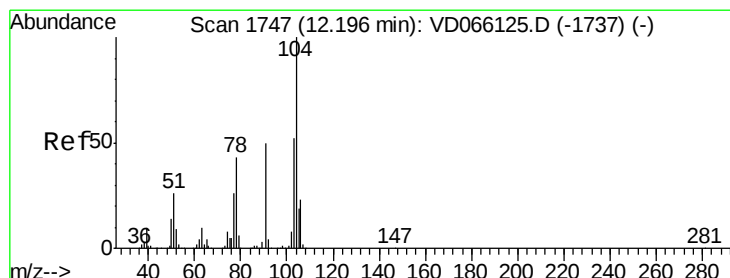
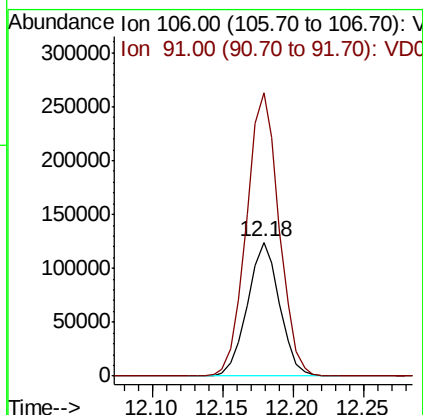
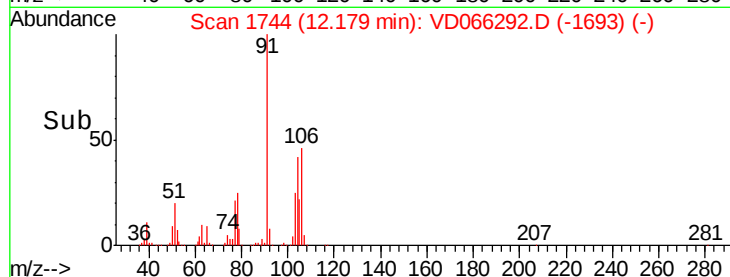
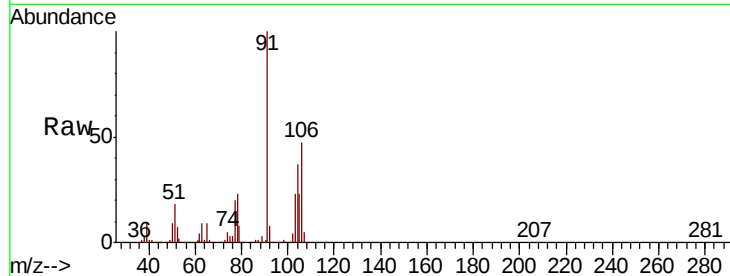




#69
o-Xylene
Concen: 51.541 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066292.D
Acq: 18 Aug 2020 21:42

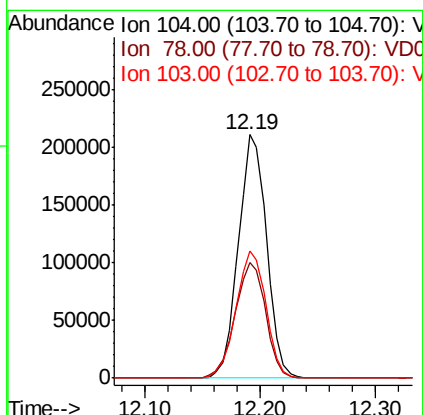
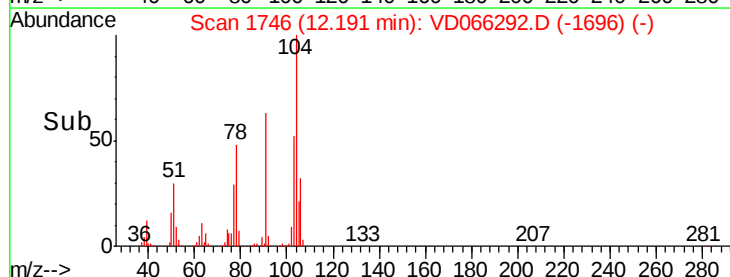
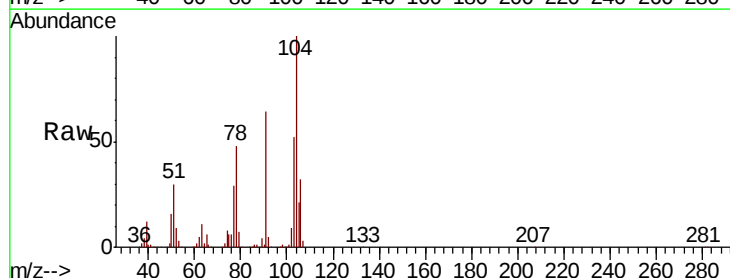
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

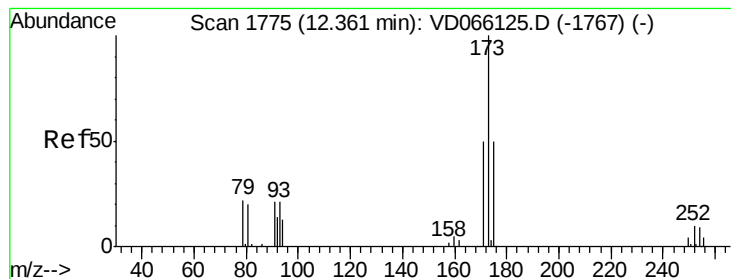
Tot Ion:106 Resp: 198548
Ion Ratio Lower Upper
106 100
91 215.1 105.7 317.1



#70
Styrene
Concen: 52.867 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VD066292.D
Acq: 18 Aug 2020 21:42

Tgt Ion:104 Resp: 356917
Ion Ratio Lower Upper
104 100
78 51.4 38.6 58.0
103 55.5 44.1 66.1





#71

Bromoform

Concen: 57.153 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD066292.D

Acq: 18 Aug 2020 21:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

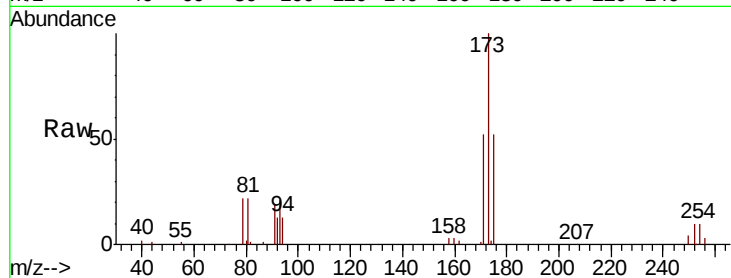
Tot Ion:173 Resp: 83568

Ion Ratio Lower Upper

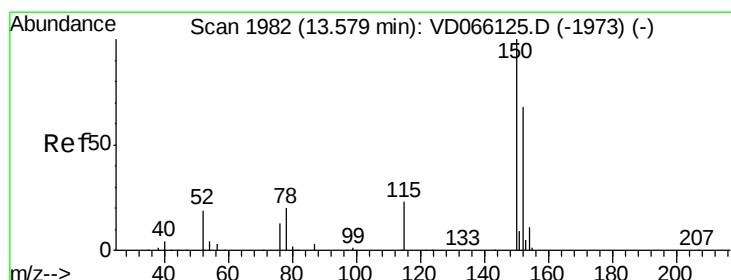
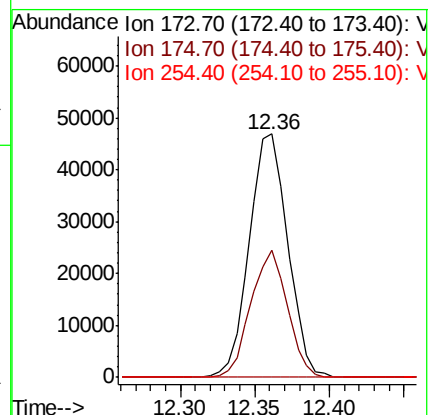
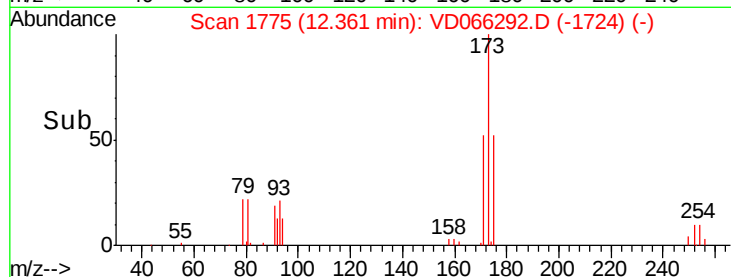
173 100

175 49.5 24.6 73.6

254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD066292.D

Acq: 18 Aug 2020 21:42

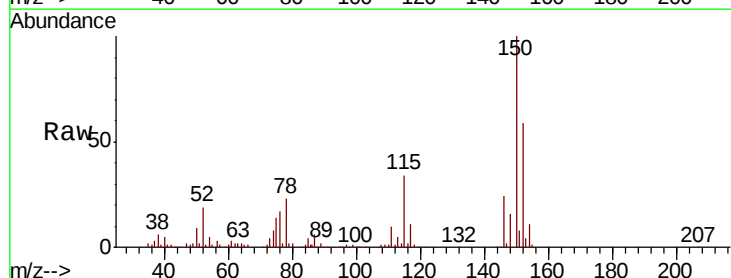
Tgt Ion:152 Resp: 161657

Ion Ratio Lower Upper

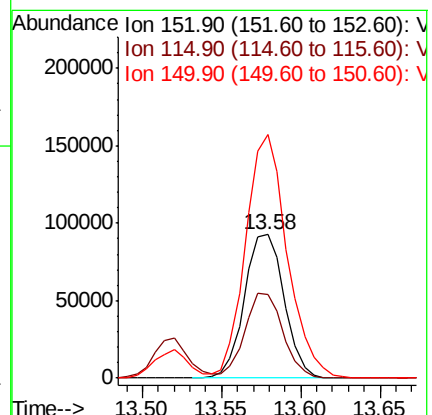
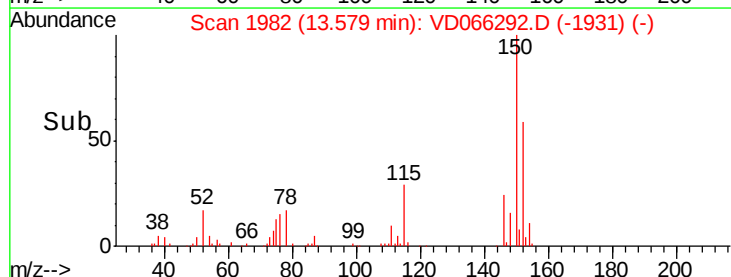
152 100

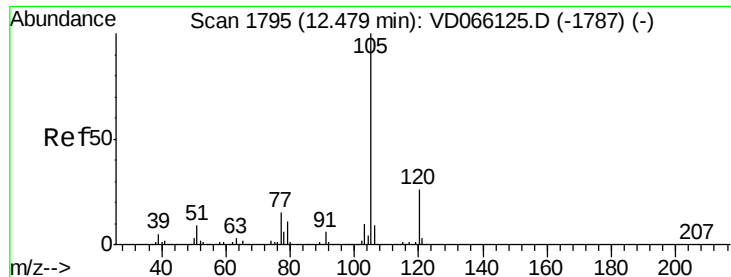
115 56.5 28.0 83.9

150 177.5 0.0 346.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.348 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD066292.D

Acq: 18 Aug 2020 21:42

Instrument :

MSVOA_D

ClientSampleId :

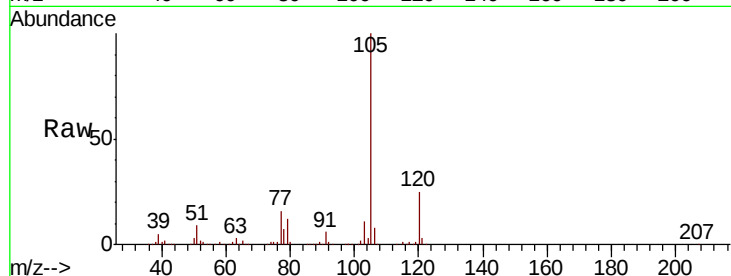
VSTDCCC050EC

Tot Ion:105 Resp: 554097

Ion Ratio Lower Upper

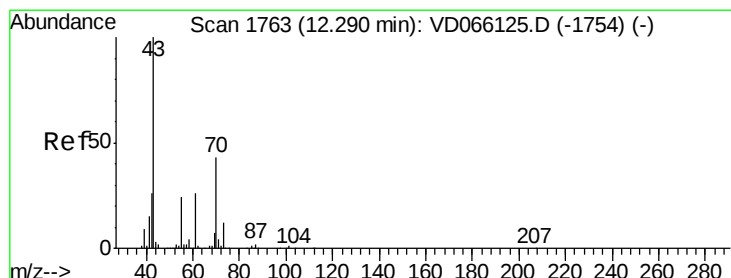
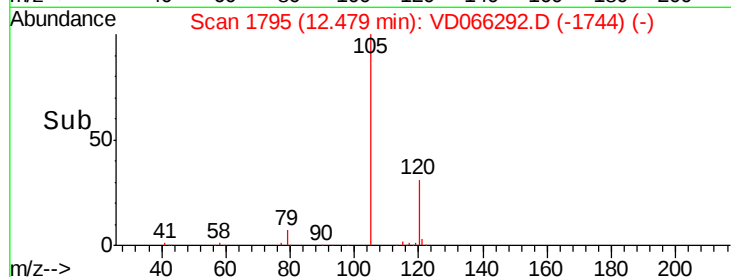
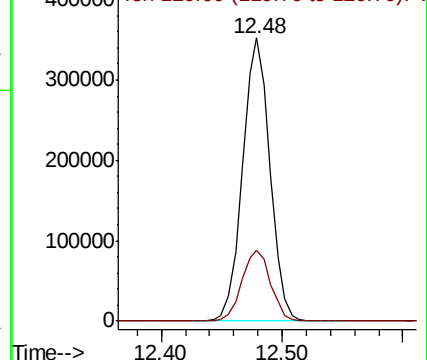
105 100

120 26.3 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.424 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD066292.D

Acq: 18 Aug 2020 21:42

Tgt Ion: 43 Resp: 124573

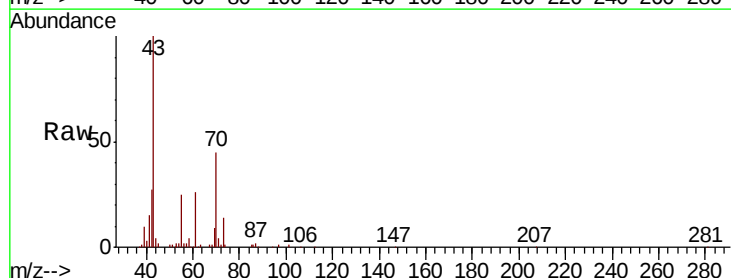
Ion Ratio Lower Upper

43 100

70 45.7 34.9 52.3

55 25.7 19.2 28.8

61 25.1 19.7 29.5

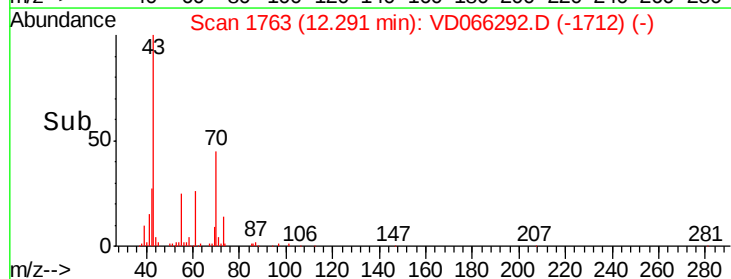
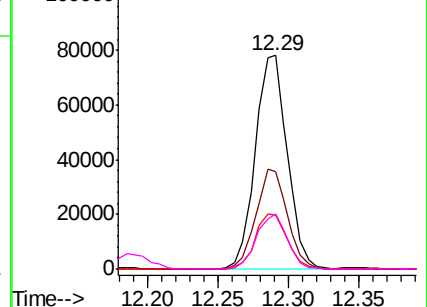


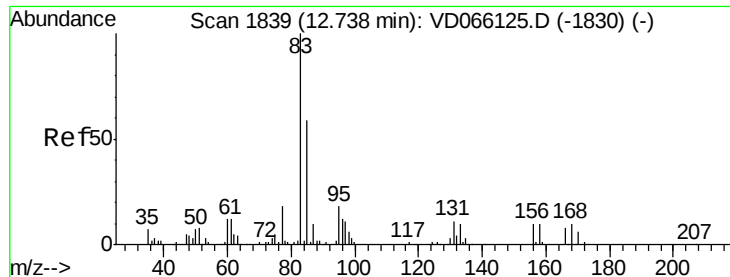
Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 61.00 (60.70 to 61.70): VDC





#75

1,1,2,2-Tetrachloroethane

Concen: 54.663 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD066292.D

Acq: 18 Aug 2020 21:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

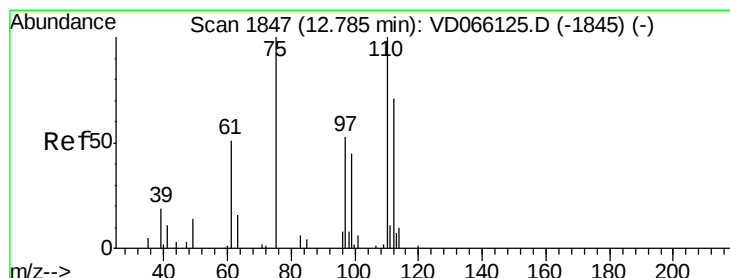
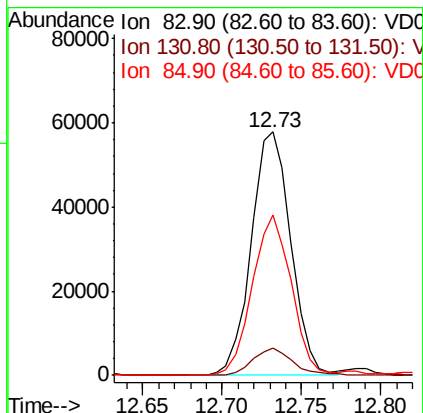
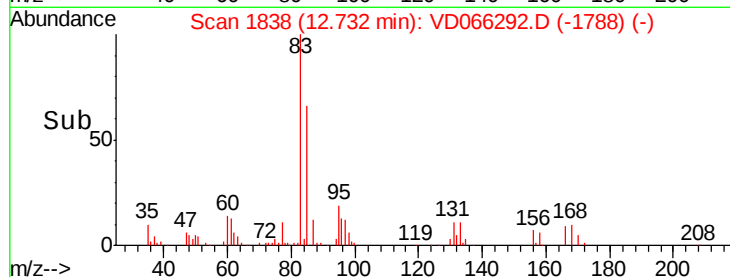
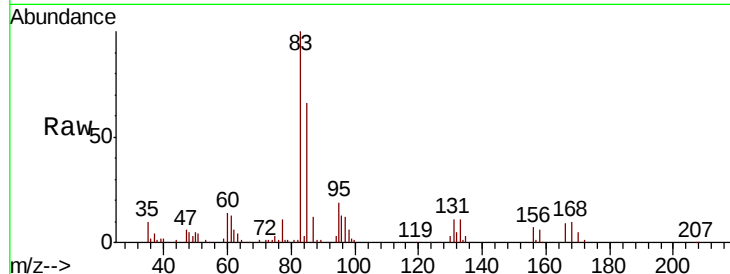
Tot Ion: 83 Resp: 100582

Ion Ratio Lower Upper

83 100

131 11.3 6.2 18.6

85 64.9 32.4 97.2



#76

1,2,3-Trichloropropane

Concen: 97.935 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VD066292.D

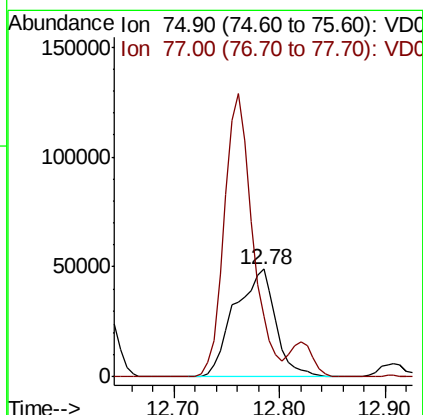
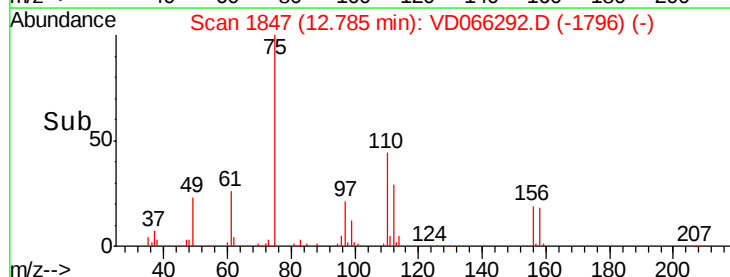
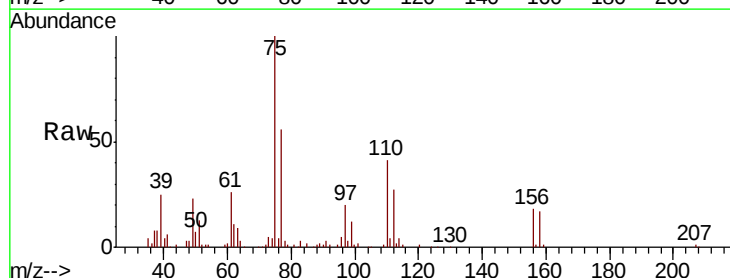
Acq: 18 Aug 2020 21:42

Tgt Ion: 75 Resp: 132026

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 53.139 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VD066292.D

Acq: 18 Aug 2020 21:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

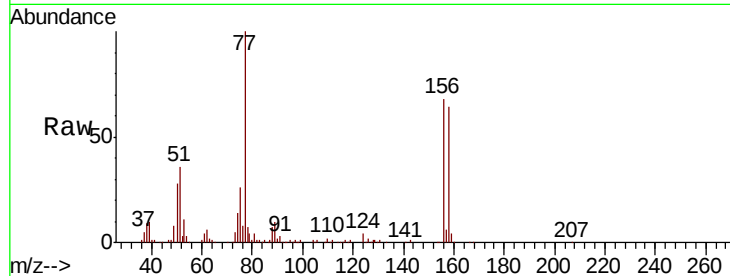
Tot Ion:156 Resp: 147611

Ion Ratio Lower Upper

156 100

77 163.1 81.0 243.1

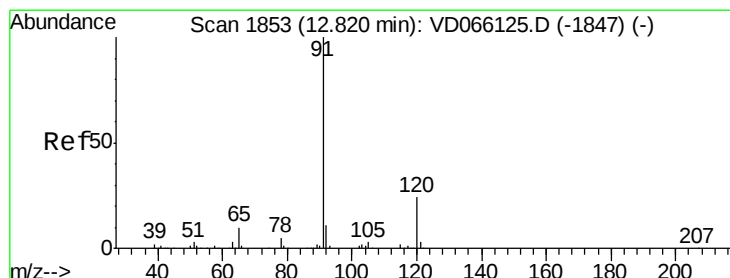
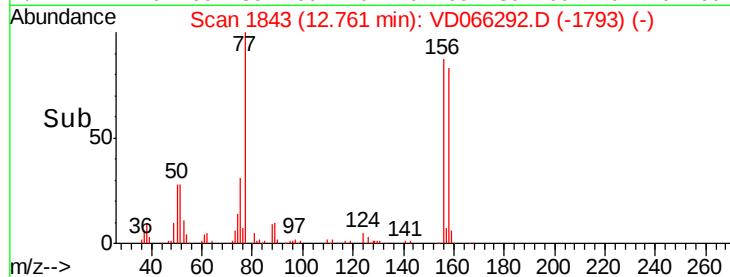
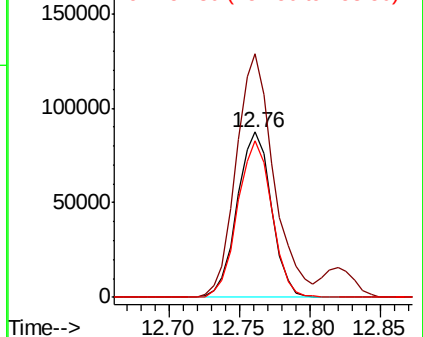
158 95.1 48.8 146.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.014 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VD066292.D

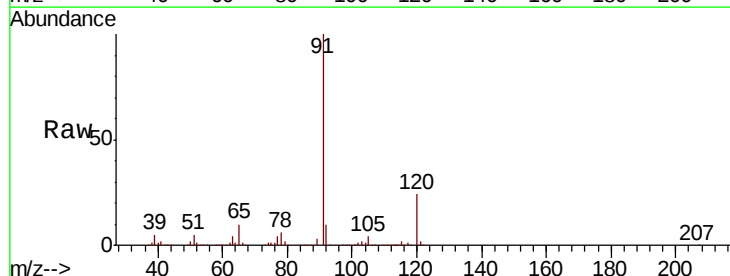
Acq: 18 Aug 2020 21:42

Tgt Ion: 91 Resp: 627367

Ion Ratio Lower Upper

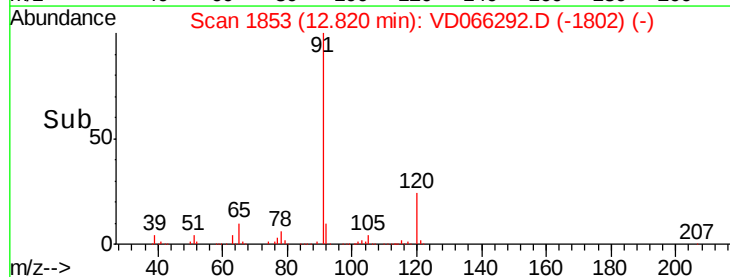
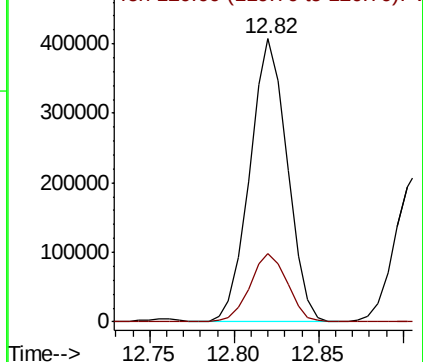
91 100

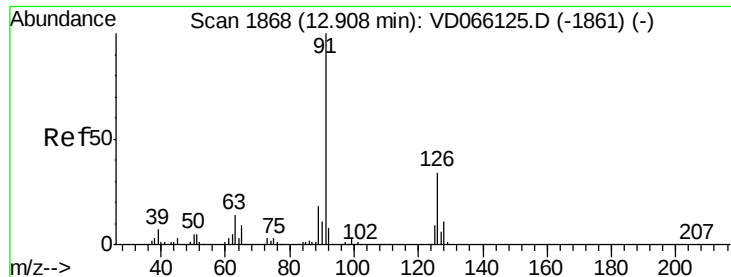
120 23.9 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.418 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VD066292.D

Acq: 18 Aug 2020 21:42

Instrument :

MSVOA_D

ClientSampleId :

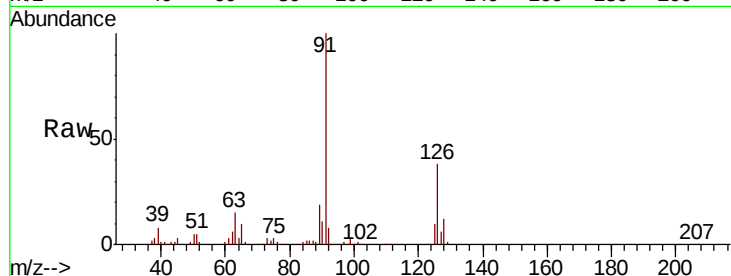
VSTDCCC050EC

Tot Ion: 91 Resp: 368885

Ion Ratio Lower Upper

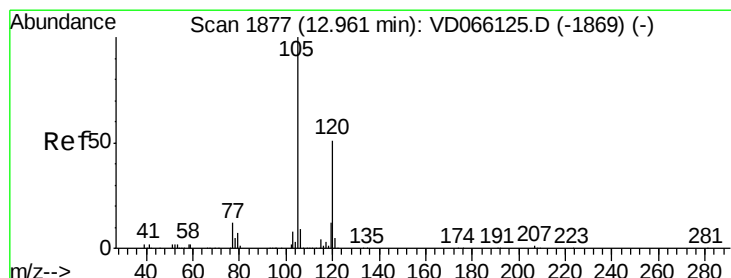
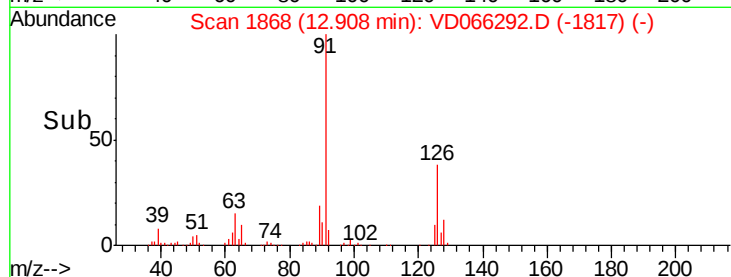
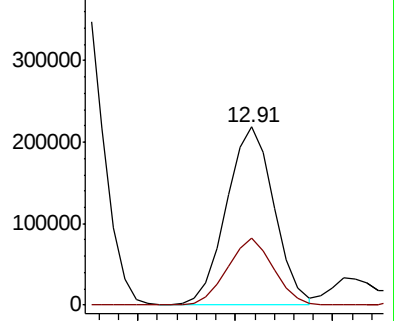
91 100

126 36.4 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VD066125.D (-1861) (-)

Ion 125.90 (125.60 to 126.60): VD066125.D (-1861) (-)



#80

1,3,5-Trimethylbenzene

Concen: 52.453 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD066292.D

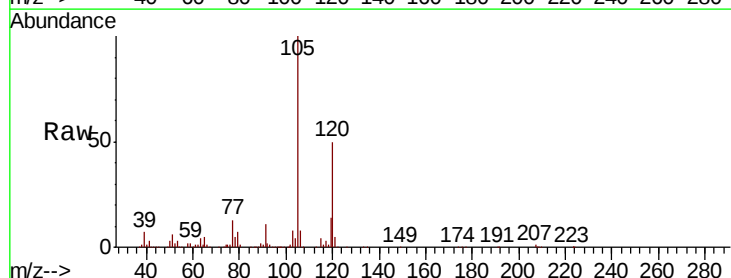
Acq: 18 Aug 2020 21:42

Tgt Ion:105 Resp: 473371

Ion Ratio Lower Upper

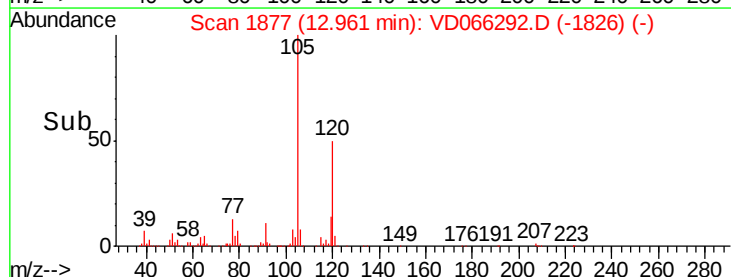
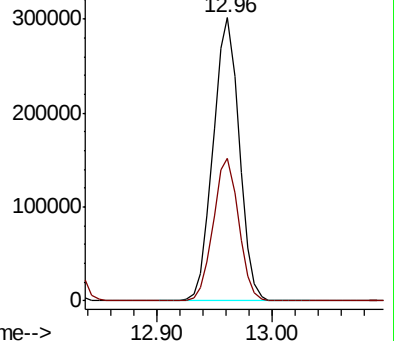
105 100

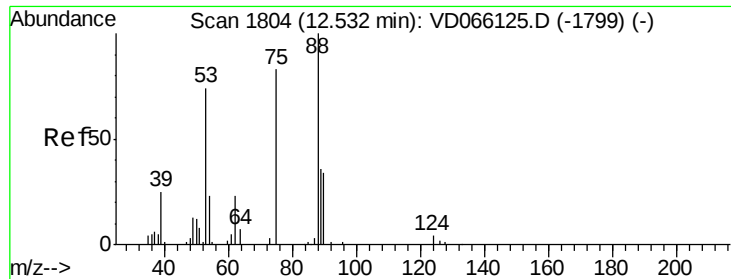
120 49.3 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): VD066125.D (-1869) (-)

Ion 120.00 (119.70 to 120.70): VD066125.D (-1869) (-)

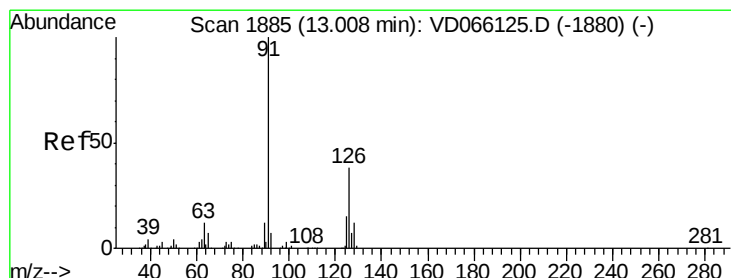
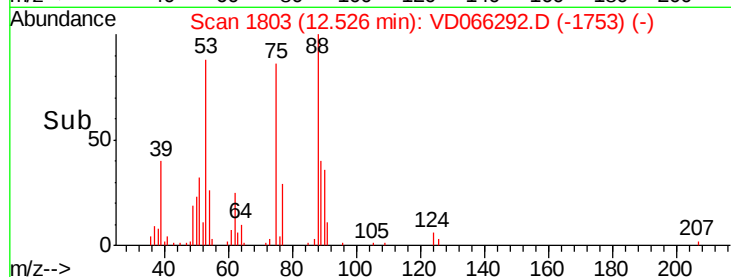
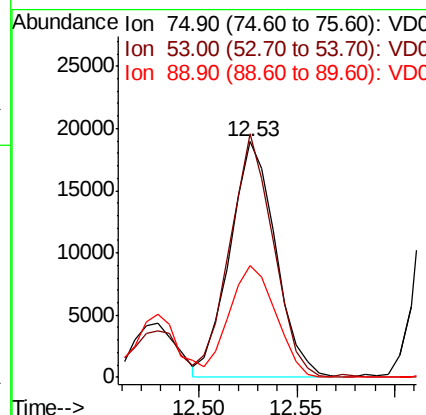
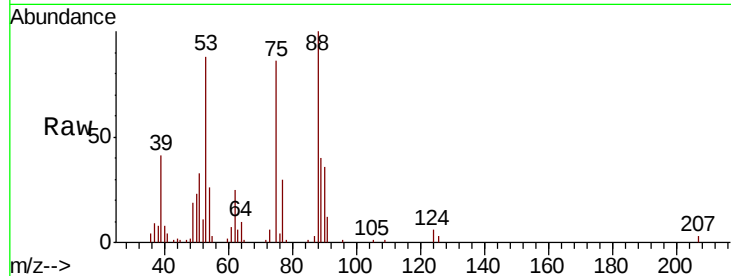




#81
trans-1,4-Dichloro-2-butene
Concen: 50.529 ug/l
RT: 12.53 min Scan# 1803
Delta R.T. -0.01 min
Lab File: VD066292.D
Acq: 18 Aug 2020 21:42

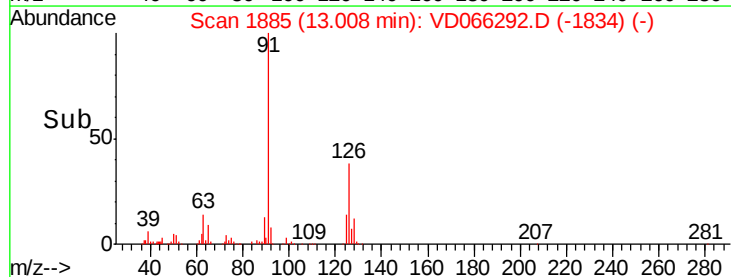
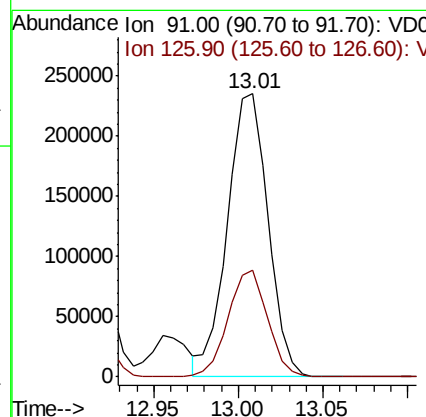
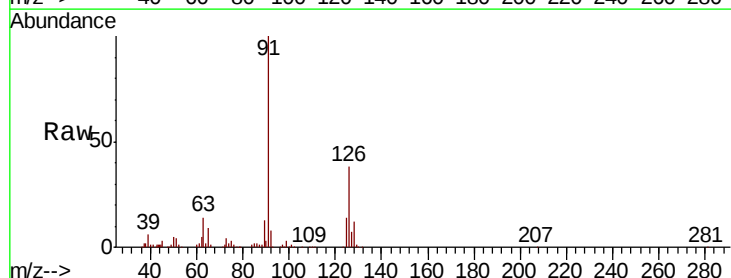
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

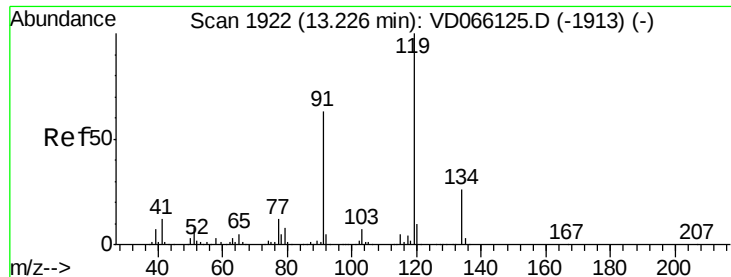
Tot Ion: 75 Resp: 30815
Ion Ratio Lower Upper
75 100
53 98.2 73.4 110.2
89 47.8 36.6 55.0



#82
4-Chlorotoluene
Concen: 52.213 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VD066292.D
Acq: 18 Aug 2020 21:42

Tgt Ion: 91 Resp: 395430
Ion Ratio Lower Upper
91 100
126 36.5 17.8 53.3

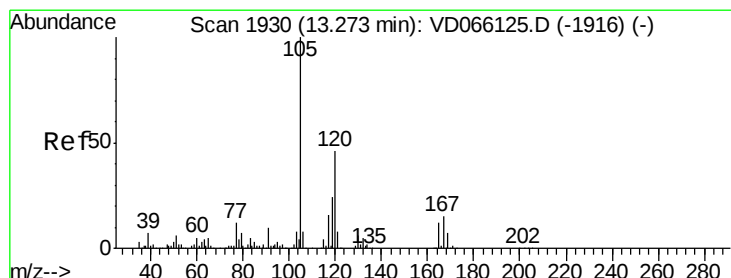
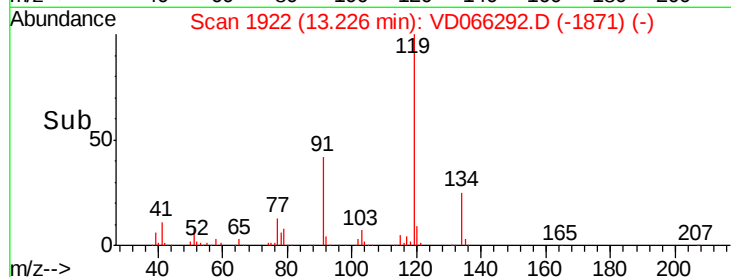
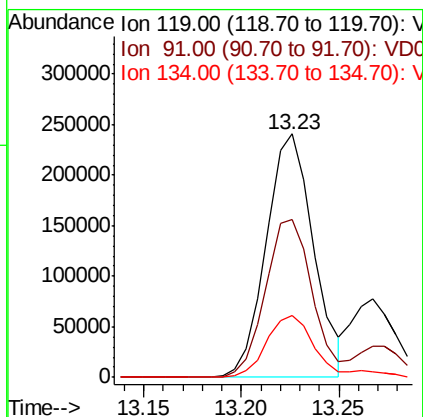
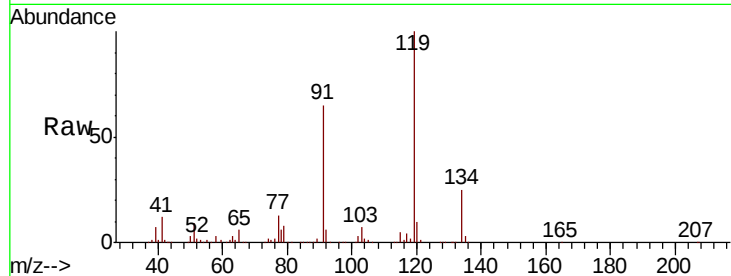




#83
tert-Butylbenzene
Concen: 51.030 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VD066292.D
Acq: 18 Aug 2020 21:42

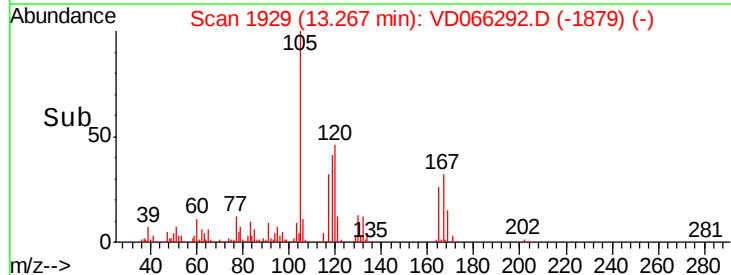
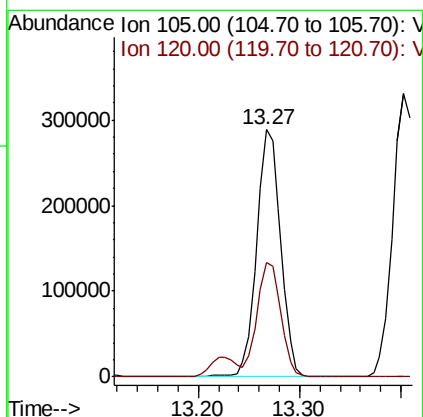
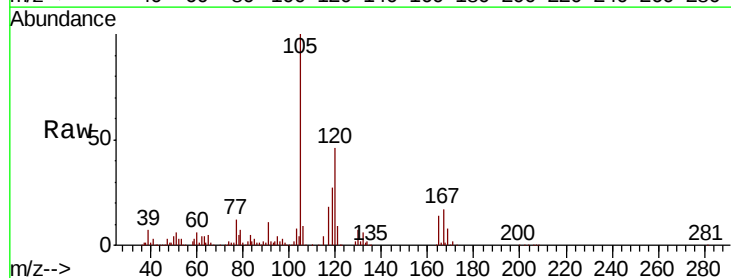
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

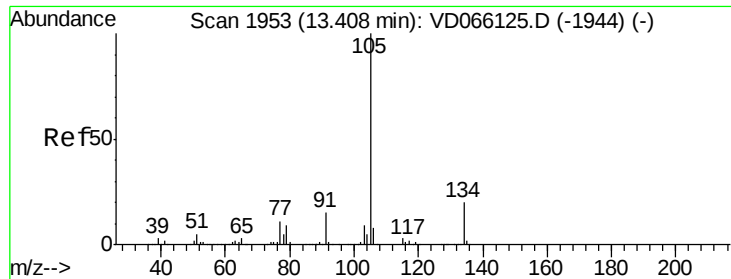
Tot Ion:119 Resp: 405002
Ion Ratio Lower Upper
119 100
91 64.0 30.8 92.4
134 25.2 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 52.351 ug/l
RT: 13.27 min Scan# 1929
Delta R.T. -0.01 min
Lab File: VD066292.D
Acq: 18 Aug 2020 21:42

Tgt Ion:105 Resp: 472805
Ion Ratio Lower Upper
105 100
120 45.7 23.1 69.2





#85

sec-Butylbenzene

Concen: 49.677 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.01 min

Lab File: VD066292.D

Acq: 18 Aug 2020 21:42

Instrument :

MSVOA_D

ClientSampleId :

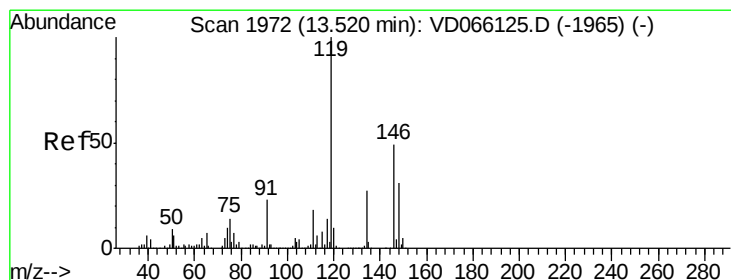
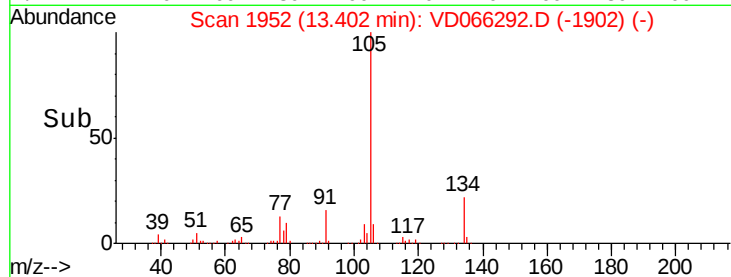
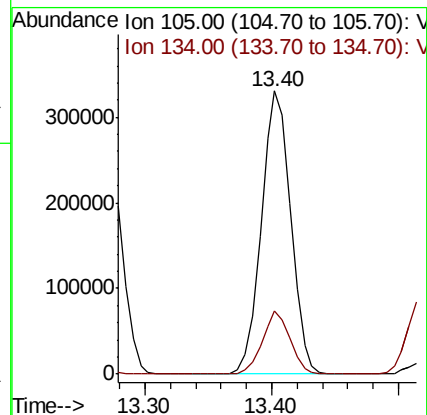
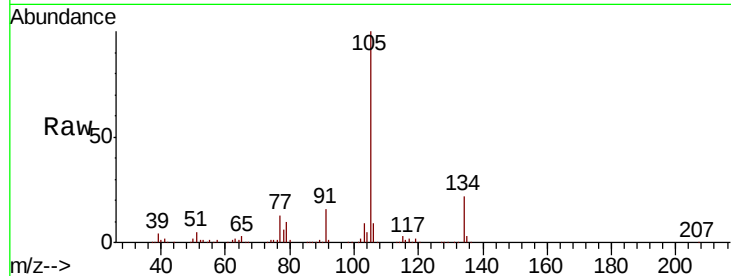
VSTDCCC050EC

Tot Ion:105 Resp: 532306

Ion Ratio Lower Upper

105 100

134 21.1 10.4 31.4



#86

p-Isopropyltoluene

Concen: 50.909 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066292.D

Acq: 18 Aug 2020 21:42

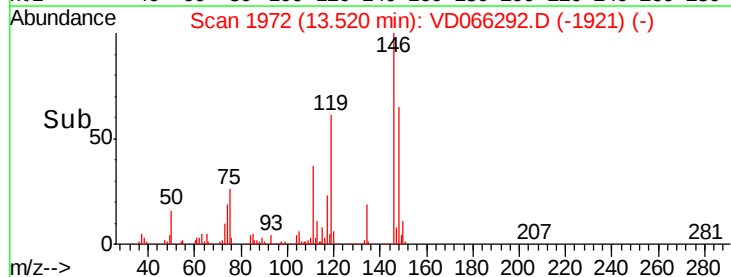
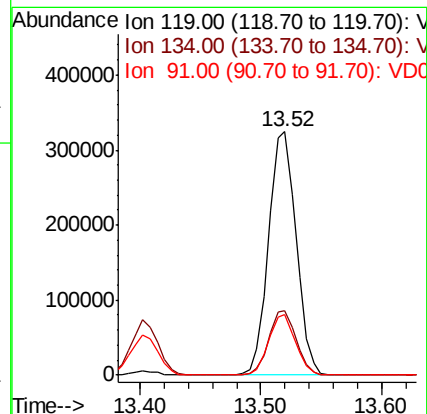
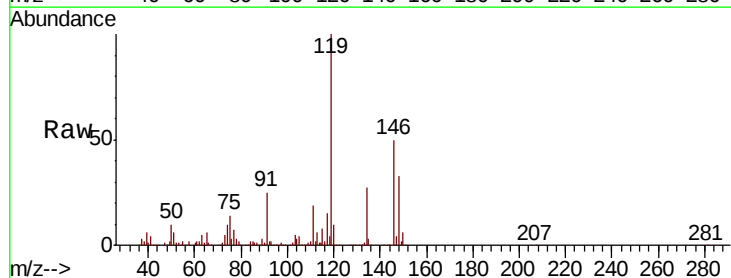
Tgt Ion:119 Resp: 511636

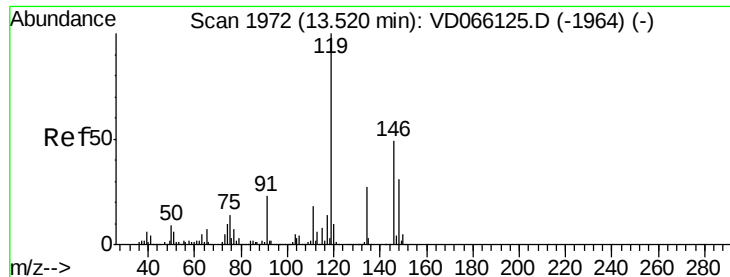
Ion Ratio Lower Upper

119 100

134 26.4 13.5 40.4

91 24.1 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 51.407 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066292.D

Acq: 18 Aug 2020 21:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

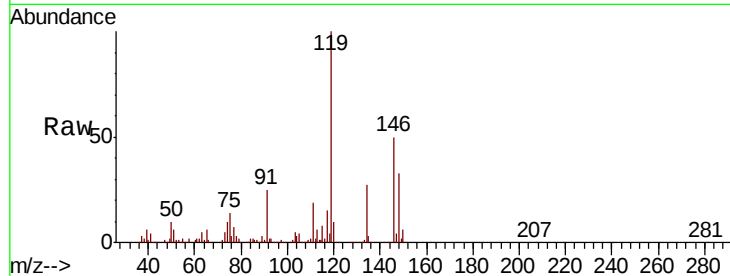
Tot Ion:146 Resp: 268383

Ion Ratio Lower Upper

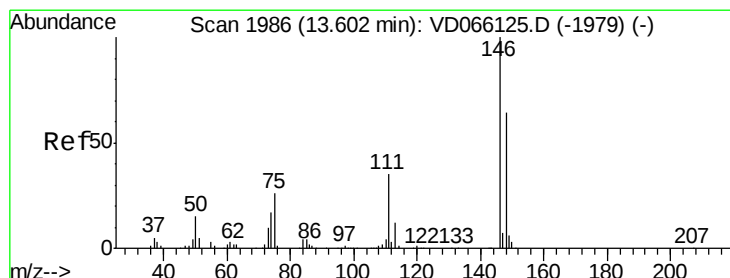
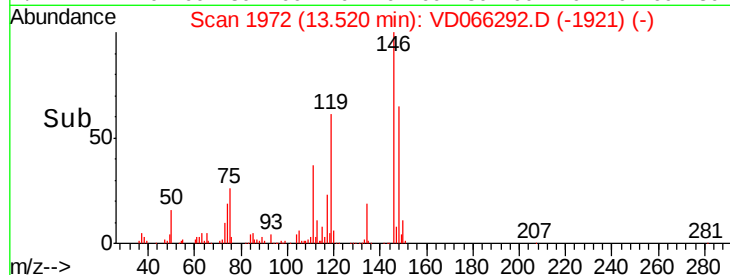
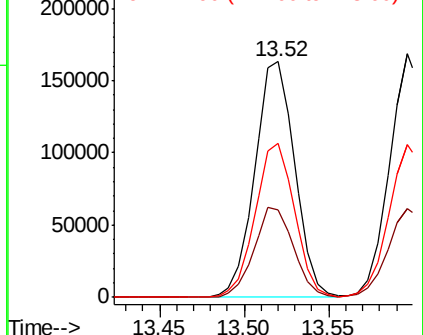
146 100

111 37.8 18.9 56.9

148 64.4 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 52.123 ug/l

RT: 13.60 min Scan# 1985

Delta R.T. -0.01 min

Lab File: VD066292.D

Acq: 18 Aug 2020 21:42

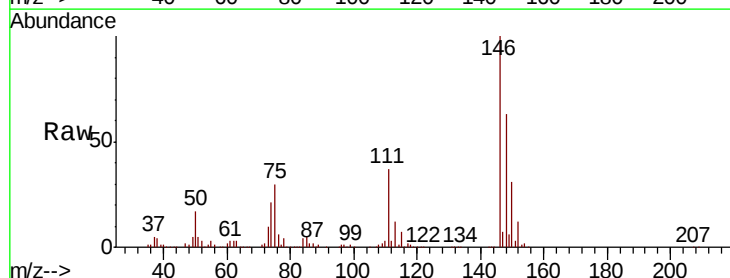
Tgt Ion:146 Resp: 271386

Ion Ratio Lower Upper

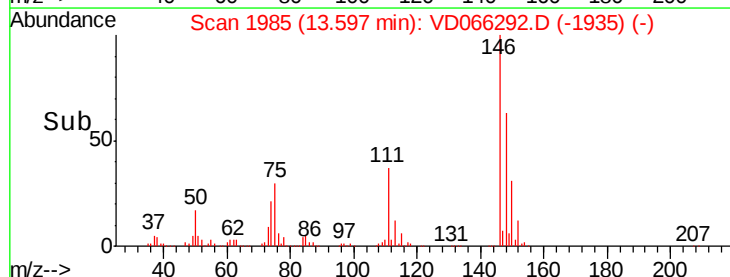
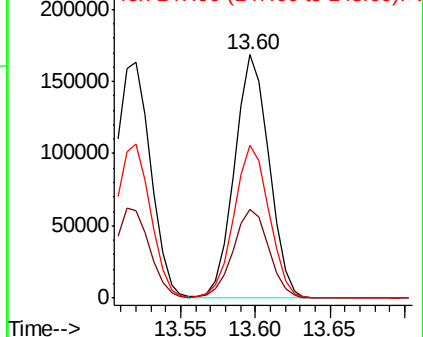
146 100

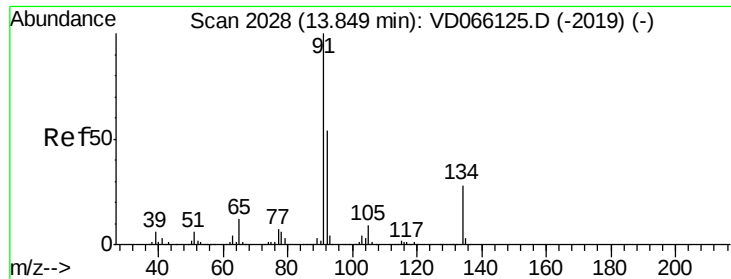
111 37.8 18.6 55.8

148 63.9 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

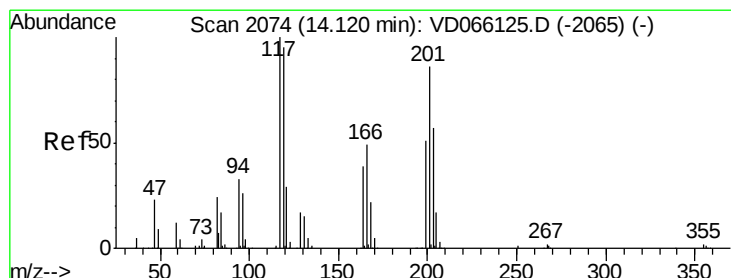
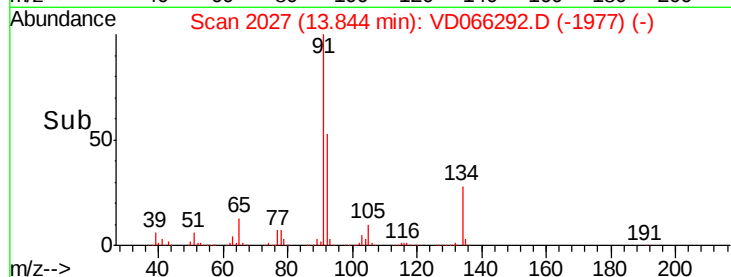
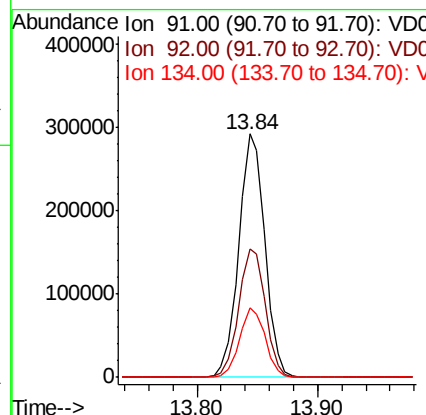
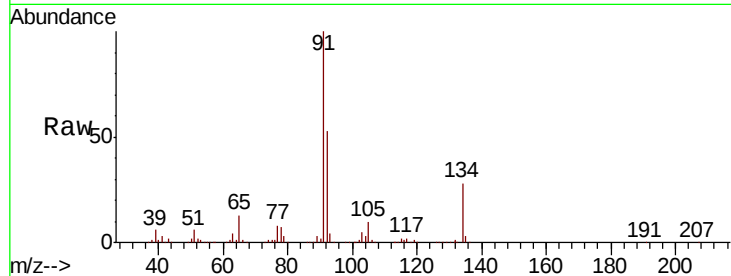




#89
n-Butylbenzene
Concen: 48.991 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.01 min
Lab File: VD066292.D
Acq: 18 Aug 2020 21:42

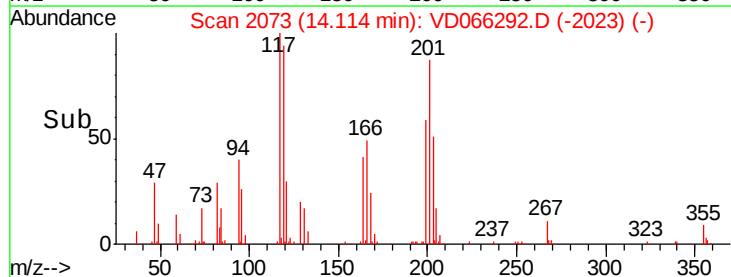
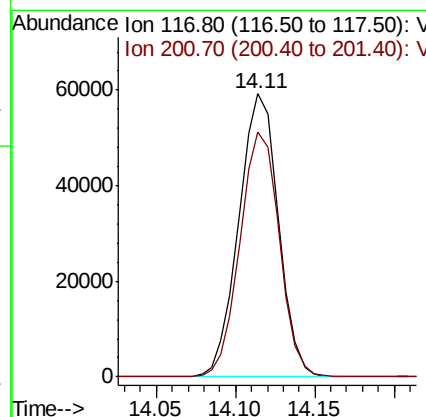
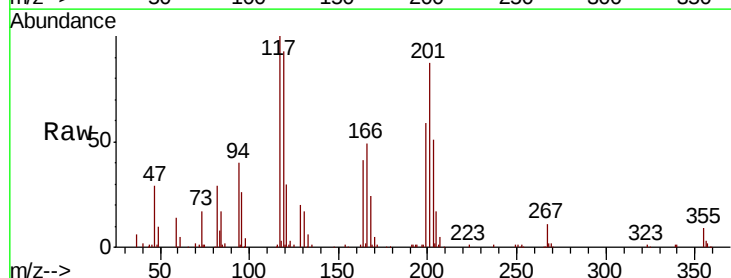
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

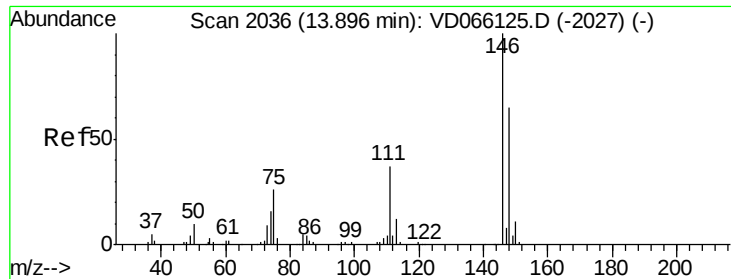
Tot Ion: 91 Resp: 441138
Ion Ratio Lower Upper
91 100
92 53.9 26.8 80.3
134 28.0 14.0 41.9



#90
Hexachloroethane
Concen: 51.318 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.01 min
Lab File: VD066292.D
Acq: 18 Aug 2020 21:42

Tgt Ion: 117 Resp: 102862
Ion Ratio Lower Upper
117 100
201 85.9 42.7 128.1

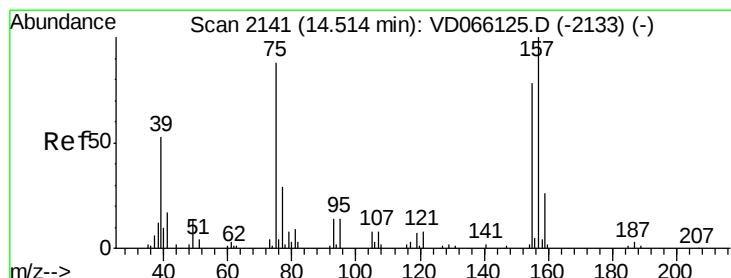
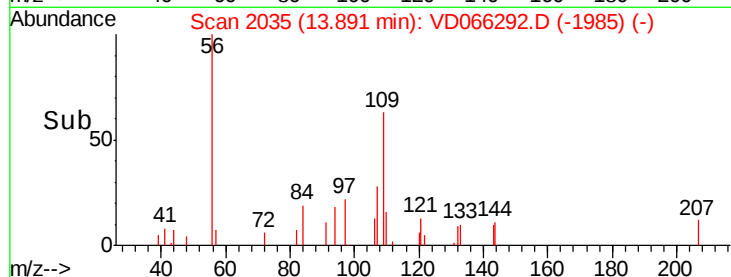
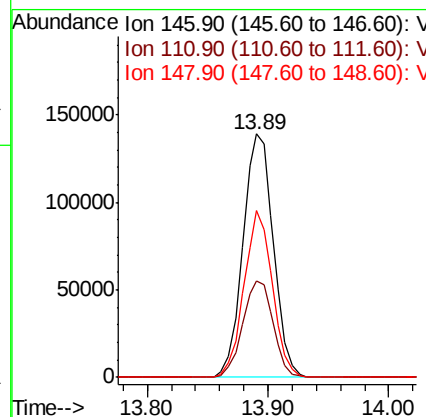
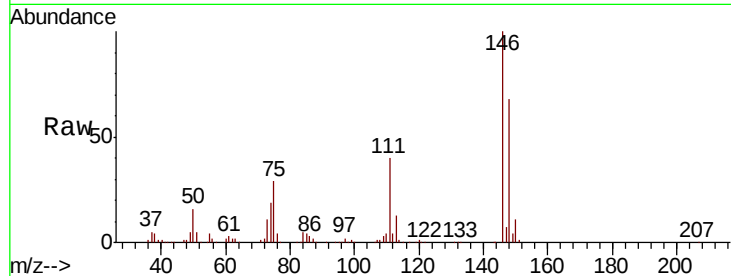




#91
 1,2-Dichlorobenzene
 Concen: 52.818 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: VD066292.D
 Acq: 18 Aug 2020 21:42

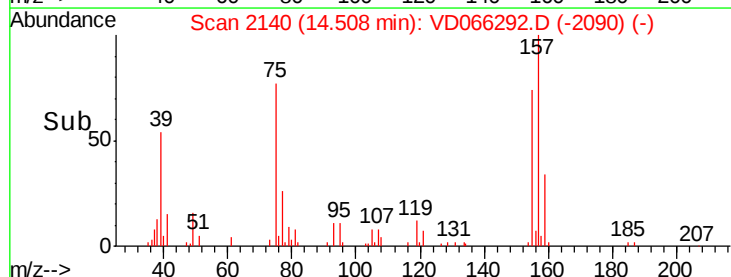
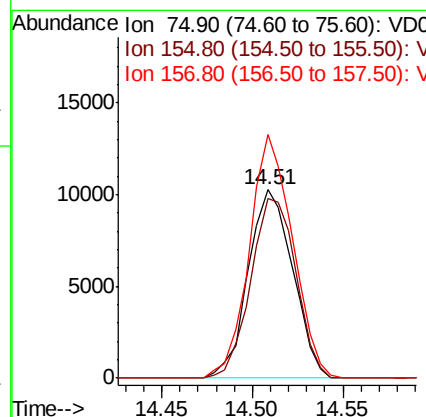
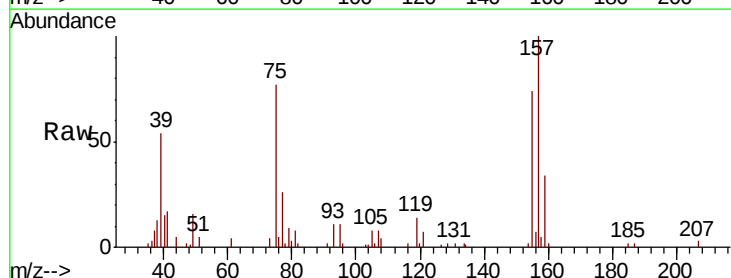
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

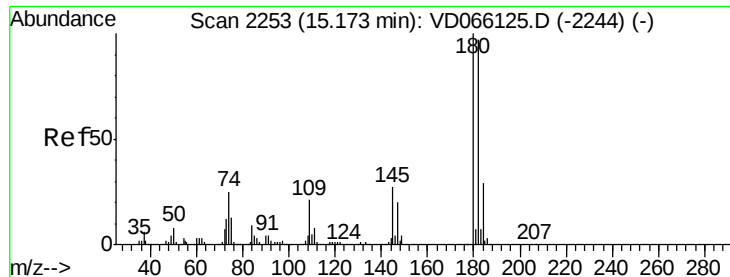
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	18.8	56.3
148	64.1	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.552 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD066292.D
 Acq: 18 Aug 2020 21:42

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.1	47.7	143.1
157	124.6	62.1	186.2

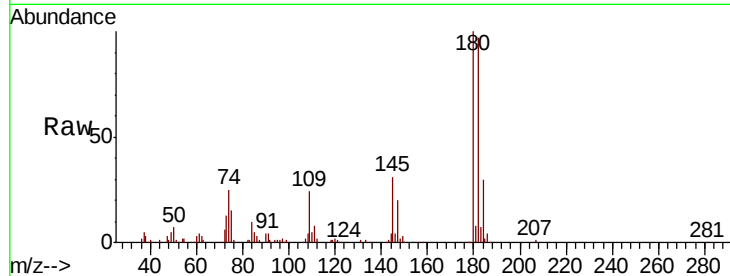




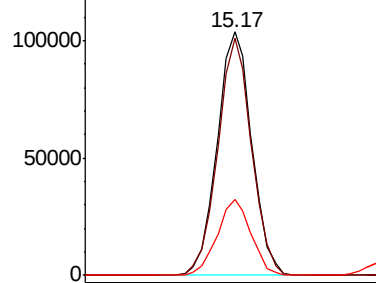
#93
 1,2,4-Trichlorobenzene
 Concen: 52.419 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.01 min
 Lab File: VD066292.D
 Acq: 18 Aug 2020 21:42

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

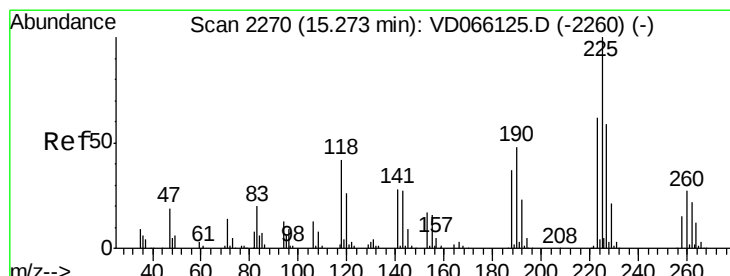
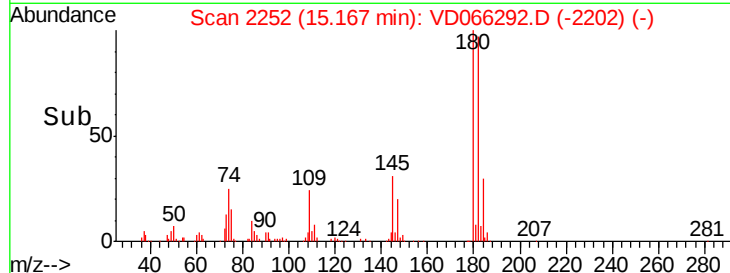
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.4	142.2
145	30.4	14.5	43.6



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

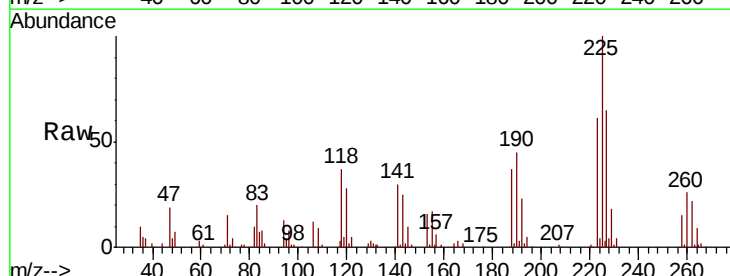


Time-->

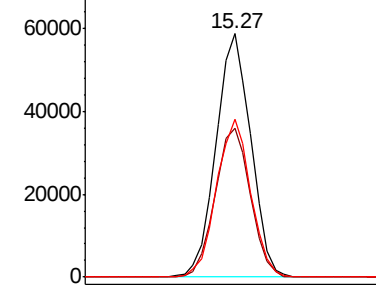


#94
 Hexachlorobutadiene
 Concen: 50.634 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD066292.D
 Acq: 18 Aug 2020 21:42

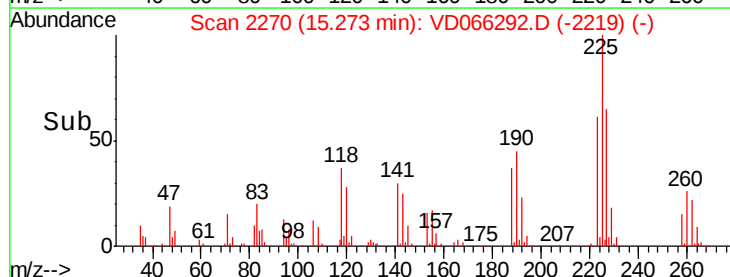
Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	32.3	96.9
227	63.8	32.1	96.5

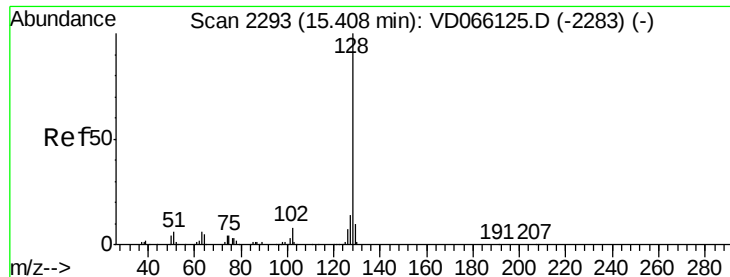


Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V



Time-->

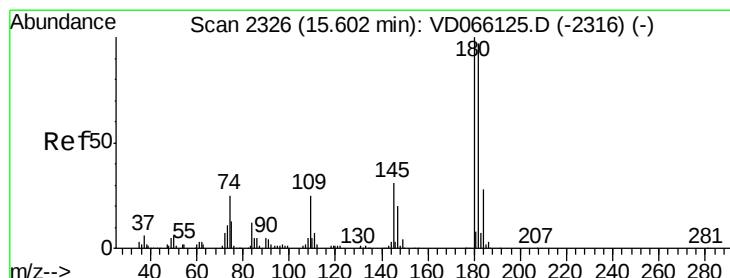
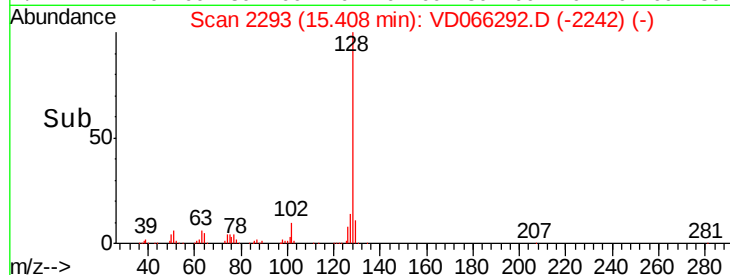
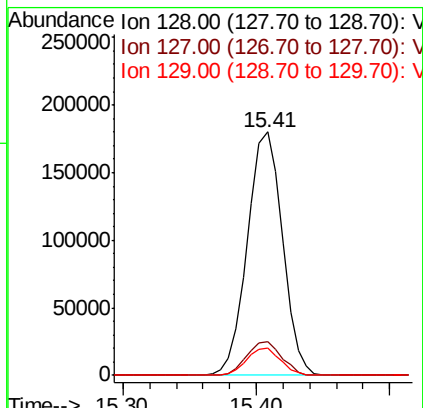
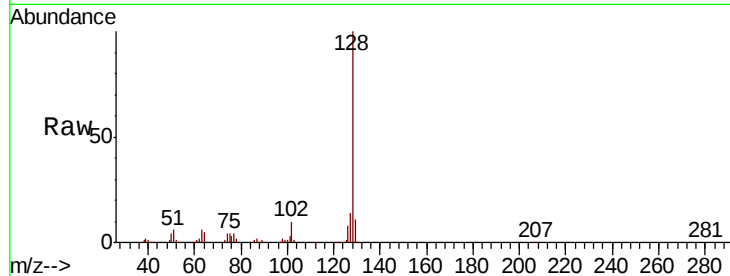




#95
Naphthalene
Concen: 58.997 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD066292.D
Acq: 18 Aug 2020 21:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 327086
Ion Ratio Lower Upper
128 100
127 13.7 11.0 16.4
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 54.467 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VD066292.D
Acq: 18 Aug 2020 21:42

Tgt Ion:180 Resp: 163601
Ion Ratio Lower Upper
180 100
182 95.0 47.1 141.4
145 31.3 14.9 44.9

