

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092220\
 Data File : VD066819.D
 Acq On : 22 Sep 2020 19:02
 Operator : VA/SY
 Sample : L4057-01
 Misc : 1.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JA-DRUM-COMP

Quant Time: Sep 23 02:09:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	8.11	168	1376502	50.00	ug/l	0.13
34) 1,4-Difluorobenzene	8.95	114	2445917	50.00	ug/l	0.09
63) Chlorobenzene-d5	11.66	117	1725252	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.58	152	296034	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.45	65	378565	28.10	ug/l	0.12
Spiked Amount	50.000		Recovery	=	56.20%	
35) Dibromofluoromethane	8.06	113	330323	21.23	ug/l	0.14
Spiked Amount	50.000		Recovery	=	42.46%	
50) Toluene-d8	10.38	98	2760073	52.06	ug/l	0.04
Spiked Amount	50.000		Recovery	=	104.12%	
62) 4-Bromofluorobenzene	12.64	95	516216	28.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	56.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.17	85	178	Below Cal	#	46
11) Tert butyl alcohol	5.27	59	127	Below Cal	#	72
18) Methyl Acetate	4.79	43	715	Below Cal	#	80
20) Methylene Chloride	5.28	84	23960	Below Cal	#	82
23) Vinyl Acetate	6.26	43	279142	15.171	ug/l #	49
25) 2-Butanone	7.22	43	113013	32.905	ug/l #	47
31) Cyclohexane	8.11	56	1689718	68.977	ug/l	96
36) 1,1-Dichloropropene	8.10	75	113456	4.676	ug/l #	67
37) Ethyl Acetate	7.22	43	111582	12.720	ug/l #	63
38) Carbon Tetrachloride	8.10	117	142330	5.365	ug/l #	17
39) Methylcyclohexane	9.42	83	4100899	147.195	ug/l	97
40) Benzene	8.46	78	746445	11.038	ug/l	97
43) Isopropyl Acetate	8.56	43	96392	5.700	ug/l #	50
45) 1,2-Dichloropropane	9.43	63	43026	2.529	ug/l #	1
47) Bromodichloromethane	9.68	83	25225	1.016	ug/l #	38
48) Methyl methacrylate	9.60	41	287190	34.441	ug/l #	62
49) 1,4-Dioxane	9.58	88	58	Below Cal	#	1
51) 4-Methyl-2-Pentanone	10.37	43	108467	12.657	ug/l #	73
52) Toluene	10.44	92	7331130	168.295	ug/l	95
53) t-1,3-Dichloropropene	10.44	75	61494	2.909	ug/l #	1
54) cis-1,3-Dichloropropene	10.44	75	86369	3.351	ug/l #	1
55) 1,1,2-Trichloroethane	10.88	97	19836	1.561	ug/l #	1
56) Ethyl methacrylate	10.80	69	122876	9.025	ug/l #	1
59) 2-Hexanone	11.07	43	82026	14.194	ug/l #	45
67) Ethyl Benzene	11.76	91	6054132	95.986	ug/l	99
68) m/p-Xylenes	11.86	106	6463249	270.652	ug/l	94
69) o-Xylene	12.19	106	3310822	153.326	ug/l	100
70) Styrene	12.19	104	166159	4.431	ug/l #	1
73) Isopropylbenzene	12.48	105	906228	42.376	ug/l	99
74) N-amyl acetate	12.28	43	101051	24.197	ug/l #	56
76) 1,2,3-Trichloropropane	12.83	75	11129	4.536	ug/l #	100
78) n-propylbenzene	12.83	91	1603291	62.318	ug/l	100
79) 2-Chlorotoluene	12.89	91	384876	26.252	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.97	105	1112312	61.299	ug/l	99

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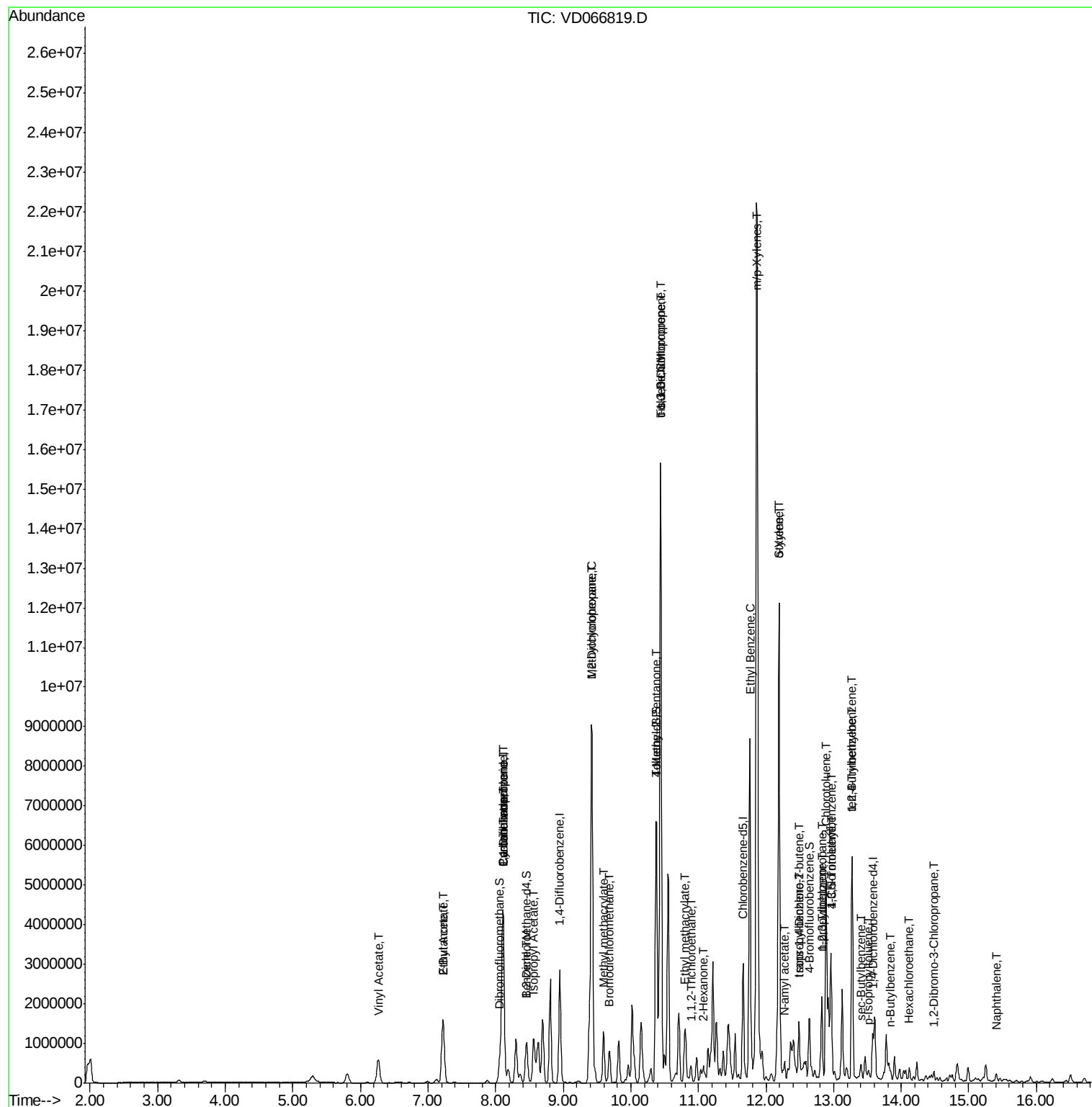
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) trans-1,4-Dichloro-2-buten	12.49	75	11117	11.337	ug/l #	68
82) 4-Chlorotoluene	12.97	91	120314	7.785	ug/l #	42
83) tert-Butylbenzene	13.27	119	394890	26.483	ug/l #	66
84) 1,2,4-Trimethylbenzene	13.27	105	3171387	176.251	ug/l	99
85) sec-Butylbenzene	13.41	105	227969	10.632	ug/l	86
86) p-Isopropyltoluene	13.52	119	107743	5.575	ug/l	99
89) n-Butylbenzene	13.84	91	114813	6.250	ug/l #	83
90) Hexachloroethane	14.12	117	16669	4.248	ug/l #	16
92) 1,2-Dibromo-3-Chloropropan	14.48	75	1709	2.879	ug/l #	3
95) Naphthalene	15.40	128	169027	18.708	ug/l	98

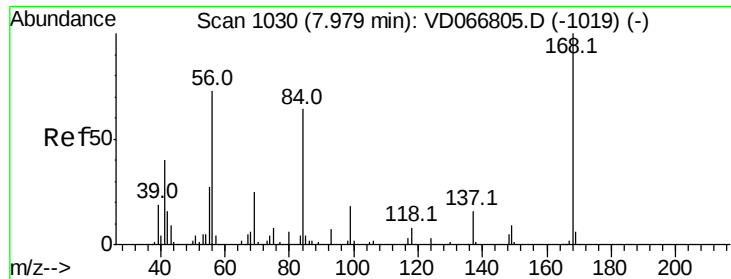
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.11 min Scan# 1052

Delta R.T. 0.13 min

Lab File: VD066819.D

Acq: 22 Sep 2020 19:02

Instrument :

MSVOA_D

ClientSampleId :

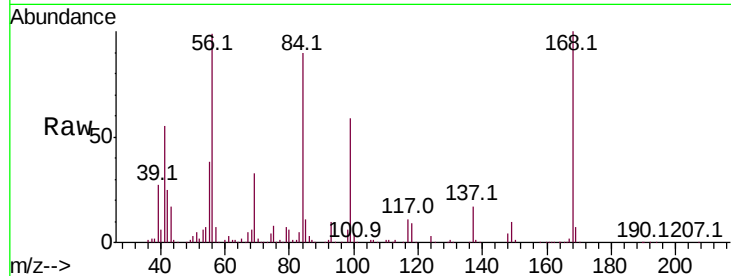
JA-DRUM-COMP

Tot Ion:168 Resp: 1376502

Ion Ratio Lower Upper

168 100

99 58.5 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

8.11

600000

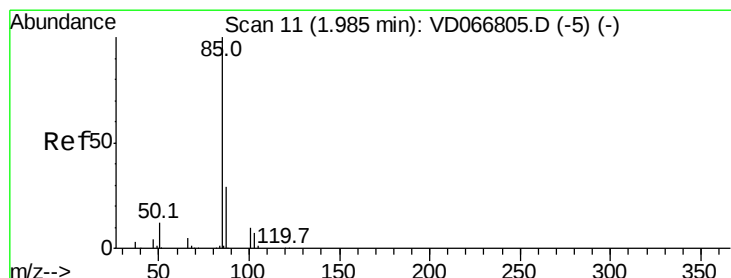
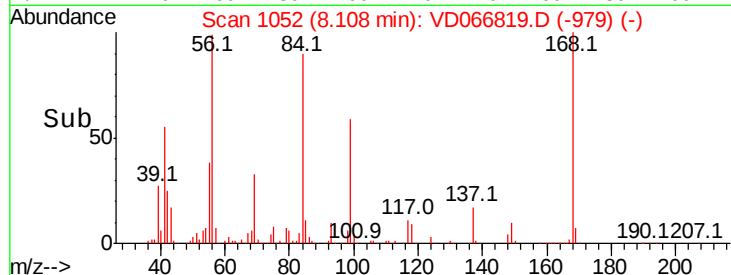
400000

200000

0

Time-->

8.00 8.10 8.20



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 2.17 min Scan# 43

Delta R.T. 0.19 min

Lab File: VD066819.D

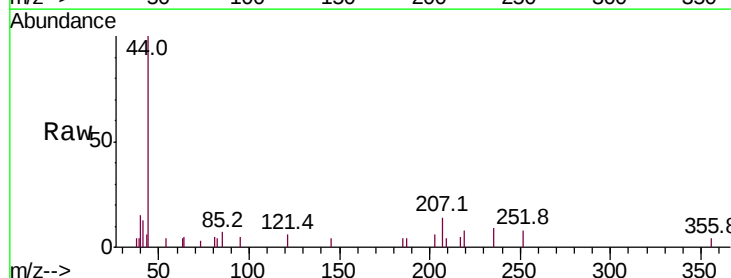
Acq: 22 Sep 2020 19:02

Tgt Ion: 85 Resp: 178

Ion Ratio Lower Upper

85 100

87 0.0 14.5 43.5#



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

2.17

500

400

300

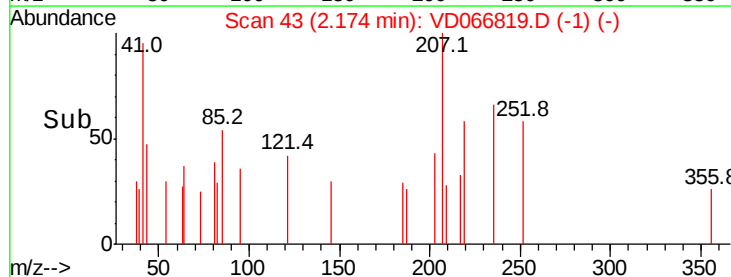
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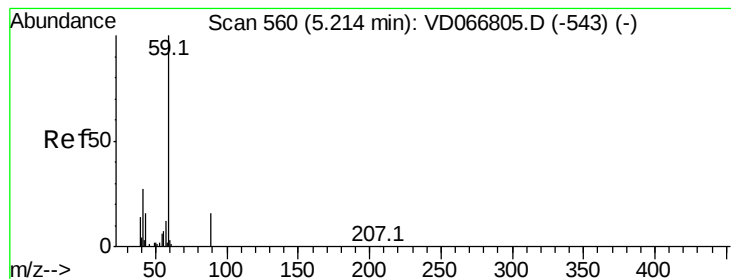
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0

Time-->

2.15 2.16 2.17 2.18 2.19



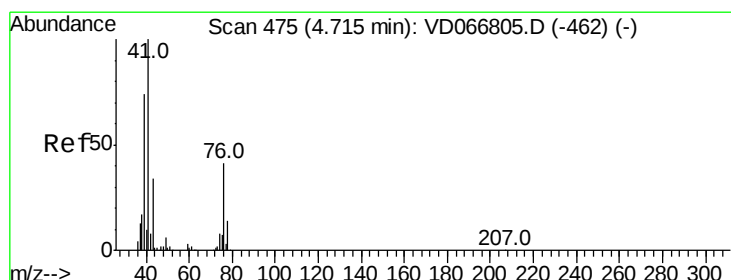
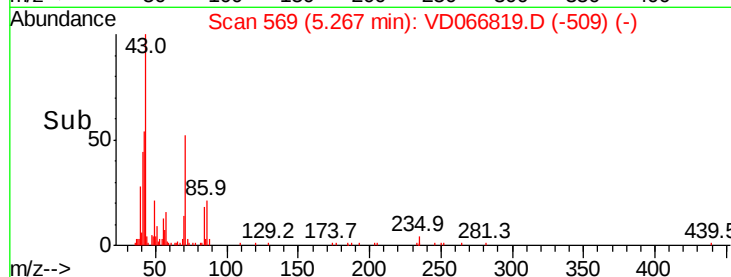
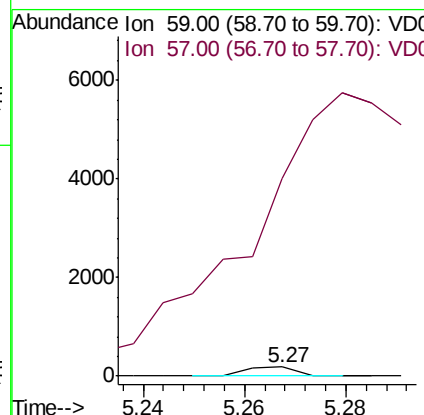
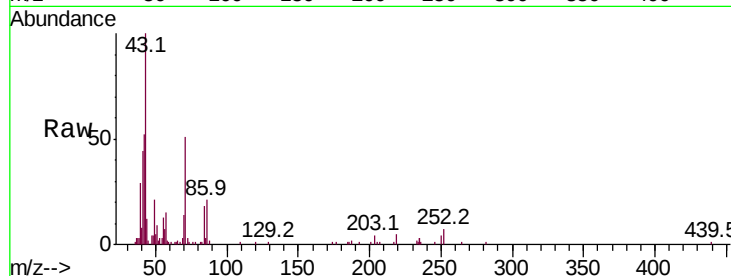


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 5.27 min Scan# 569
 Delta R.T. 0.05 min
 Lab File: VD066819.D
 Acq: 22 Sep 2020 19:02

Instrument :
 MSVOA_D
 ClientSampleId :
 JA-DRUM-COMP

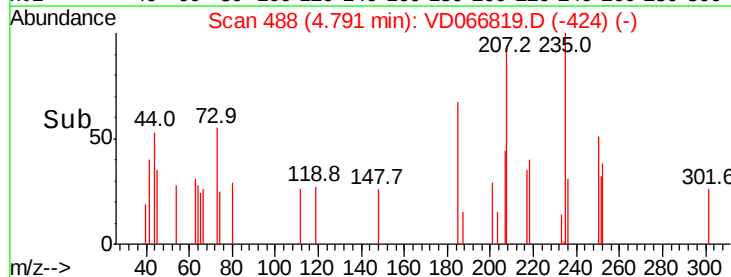
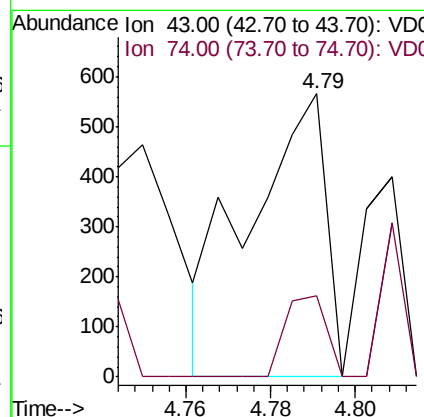
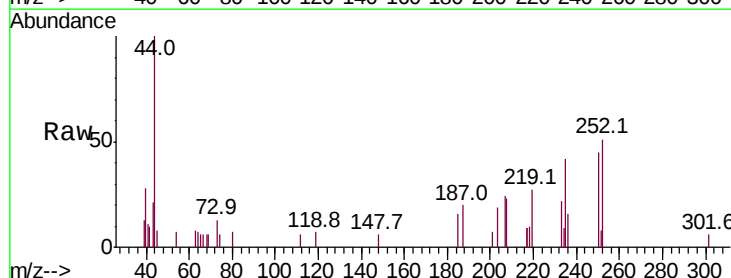
Tot Ion: 59 Resp: 127
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.3 12.5#

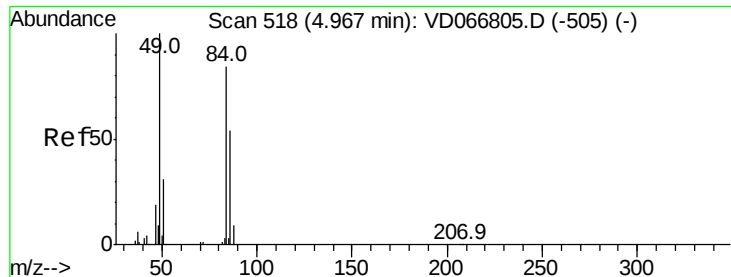


#18

Methyl Acetate
 Concen: Below Cal
 RT: 4.79 min Scan# 488
 Delta R.T. 0.08 min
 Lab File: VD066819.D
 Acq: 22 Sep 2020 19:02

Tgt Ion: 43 Resp: 715
 Ion Ratio Lower Upper
 43 100
 74 15.4 20.3 30.5#

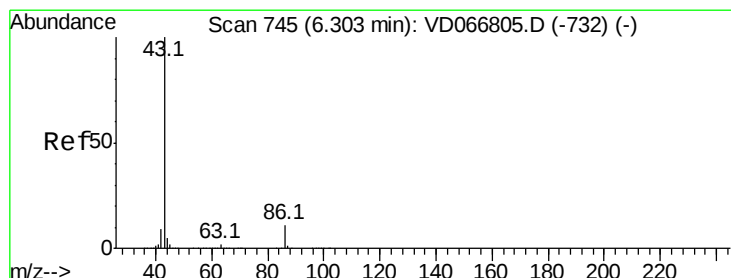
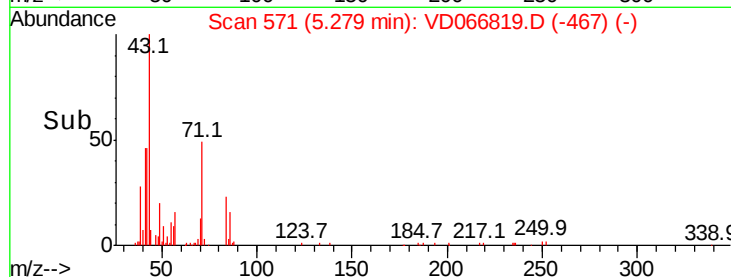
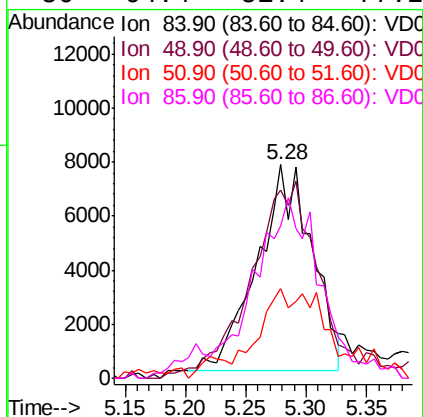
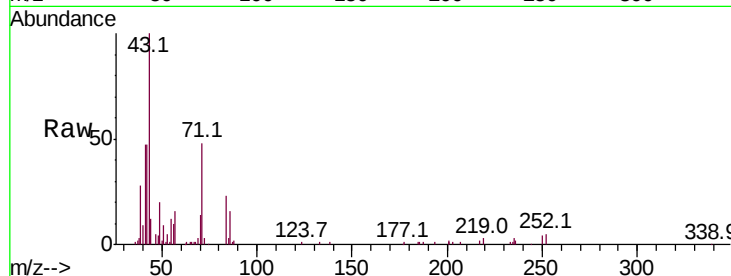




#20
Methvlene Chloride
Concen: Below Cal
RT: 5.28 min Scan# 571
Delta R.T. 0.31 min
Lab File: VD066819.D
Acq: 22 Sep 2020 19:02

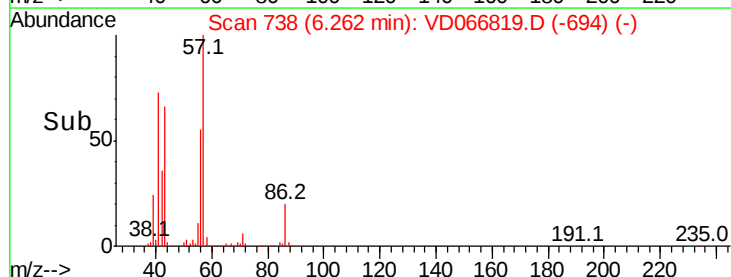
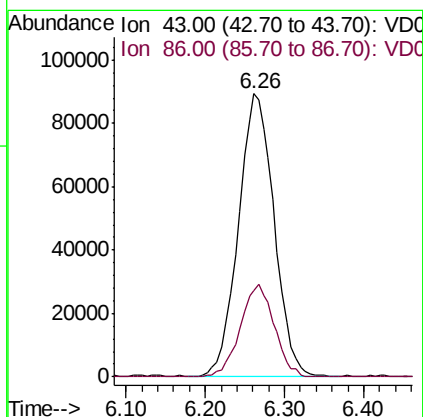
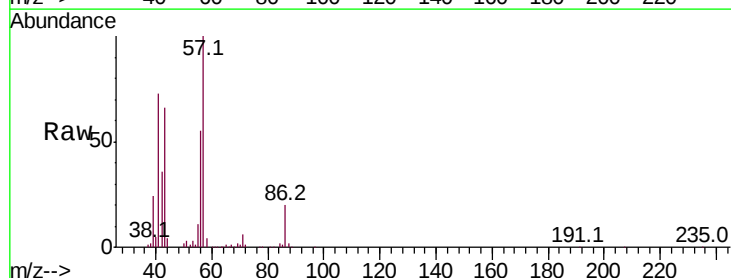
Instrument :
MSVOA_D
ClientSampleId :
JA-DRUM-COMP

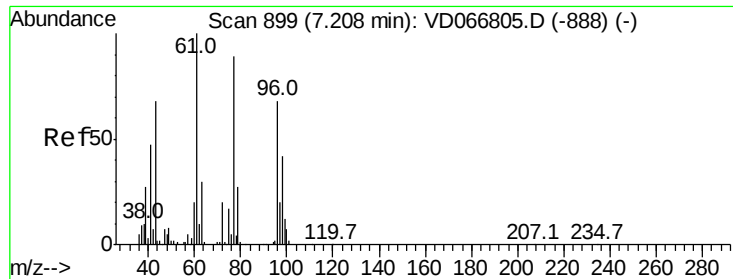
Tot Ion: 84 Resp: 23960
Ion Ratio Lower Upper
84 100
49 86.5 95.4 143.2#
51 43.3 29.7 44.5
86 64.4 51.4 77.2



#23
Vinyl Acetate
Concen: 15.171 ug/l
RT: 6.26 min Scan# 738
Delta R.T. -0.04 min
Lab File: VD066819.D
Acq: 22 Sep 2020 19:02

Tgt Ion: 43 Resp: 279142
Ion Ratio Lower Upper
43 100
86 30.6 8.9 13.3#





#25

2-Butanone

Concen: 32.905 ug/l

RT: 7.22 min Scan# 901

Delta R.T. 0.01 min

Lab File: VD066819.D

Acq: 22 Sep 2020 19:02

Instrument :

MSVOA_D

ClientSampleId :

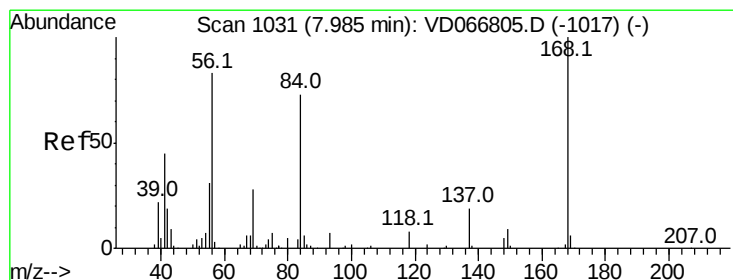
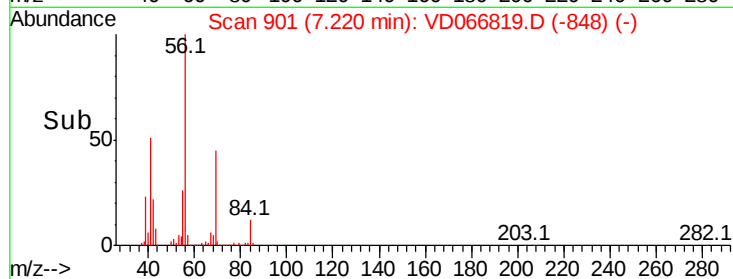
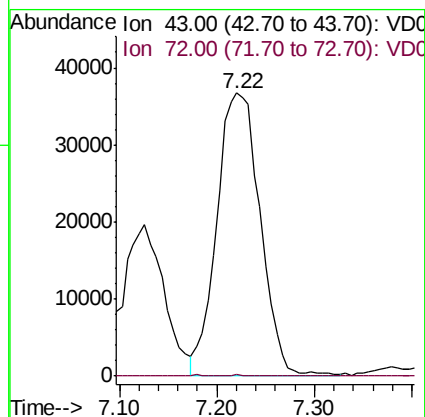
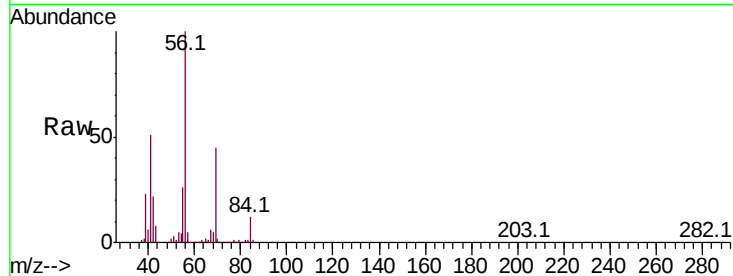
JA-DRUM-COMP

Tot Ion: 43 Resp: 113013

Ion Ratio Lower Upper

43 100

72 0.4 22.9 34.3#



#31

Cyclohexane

Concen: 68.977 ug/l

RT: 8.11 min Scan# 1053

Delta R.T. 0.13 min

Lab File: VD066819.D

Acq: 22 Sep 2020 19:02

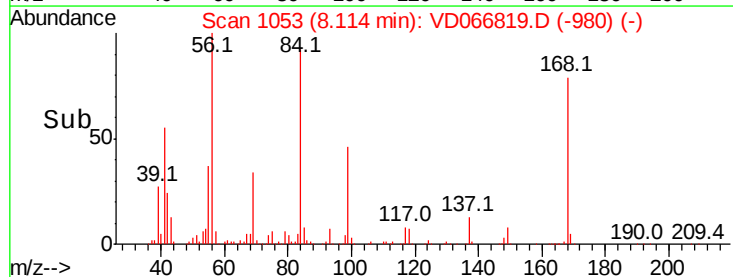
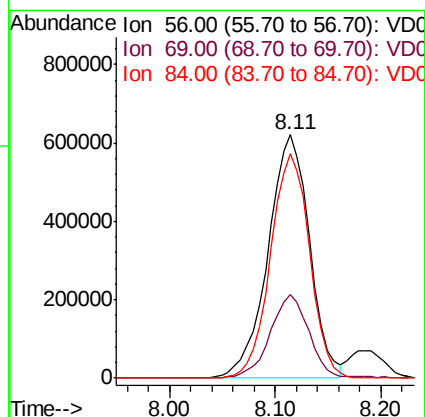
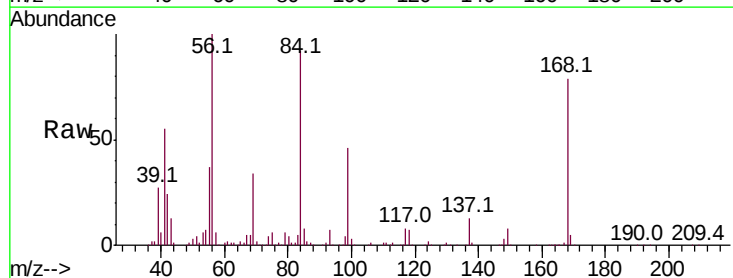
Tgt Ion: 56 Resp: 1689718

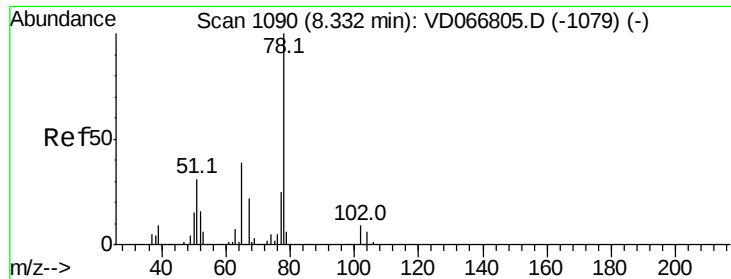
Ion Ratio Lower Upper

56 100

69 34.2 27.0 40.4

84 92.1 70.2 105.4





#33

1,2-Dichloroethane-d4

Concen: 28.099 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. 0.12 min

Lab File: VD066819.D

Acq: 22 Sep 2020 19:02

Instrument :

MSVOA_D

ClientSampleId :

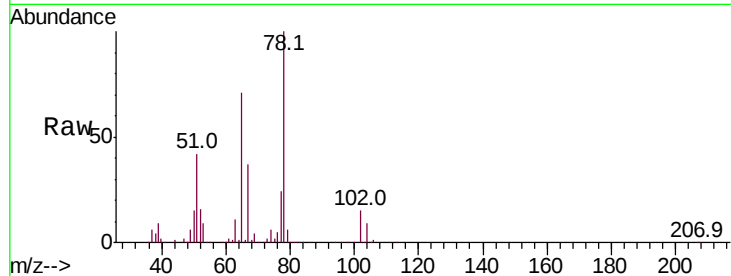
JA-DRUM-COMP

Tot Ion: 65 Resp: 378565

Ion Ratio Lower Upper

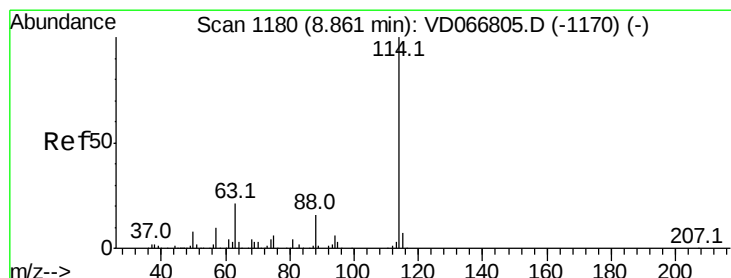
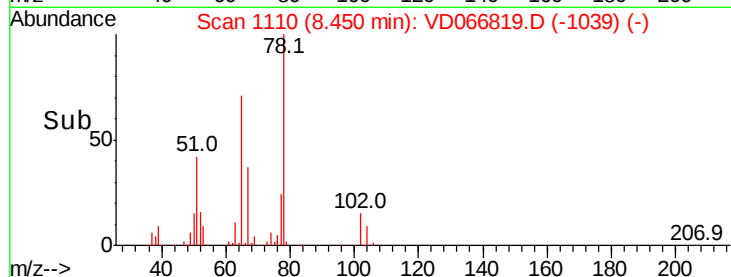
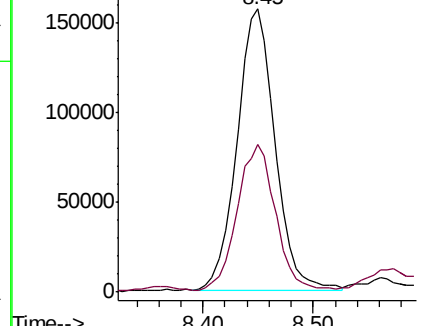
65 100

67 53.7 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.95 min Scan# 1195

Delta R.T. 0.09 min

Lab File: VD066819.D

Acq: 22 Sep 2020 19:02

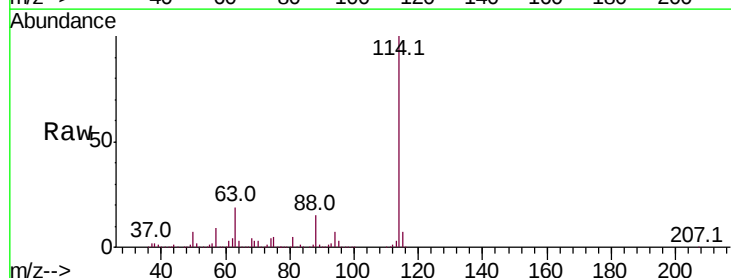
Tgt Ion:114 Resp: 2445917

Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.6

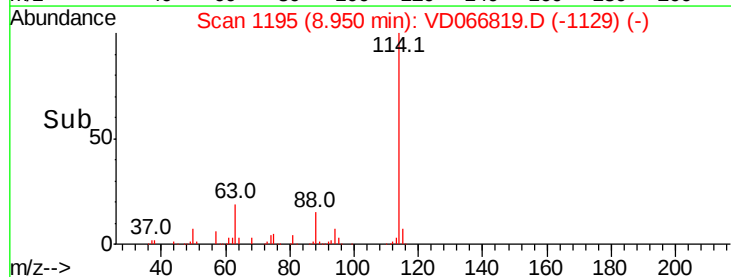
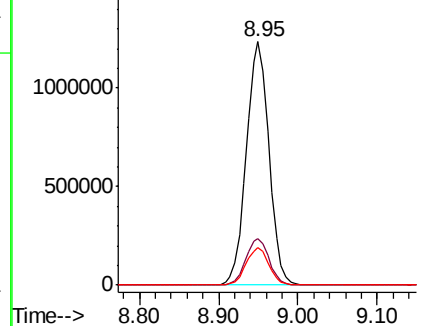
88 15.2 0.0 32.6

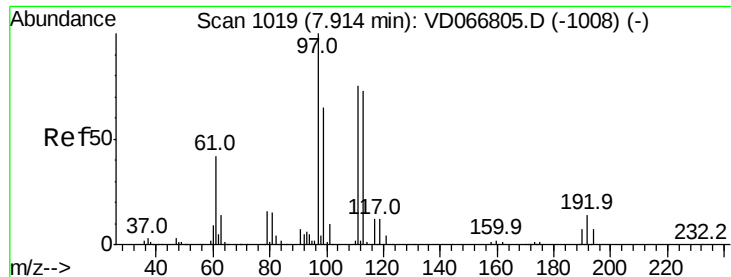


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

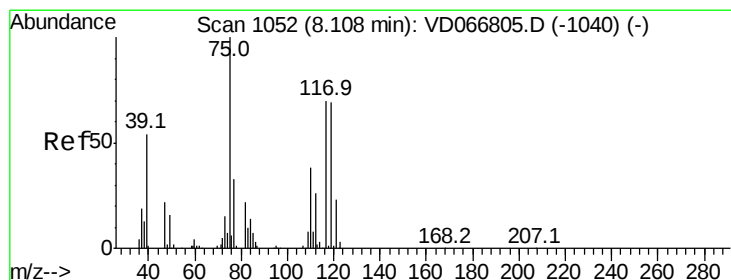
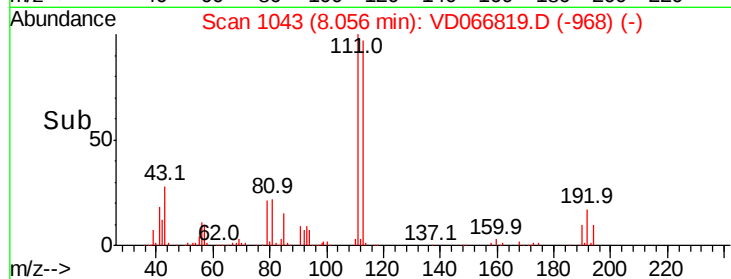
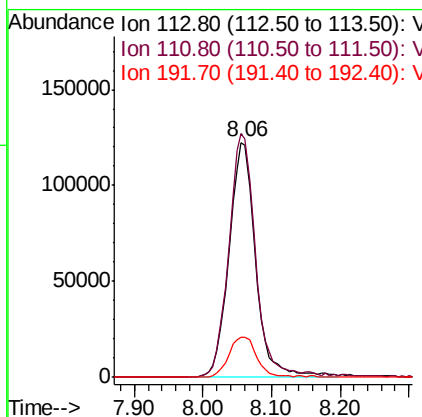
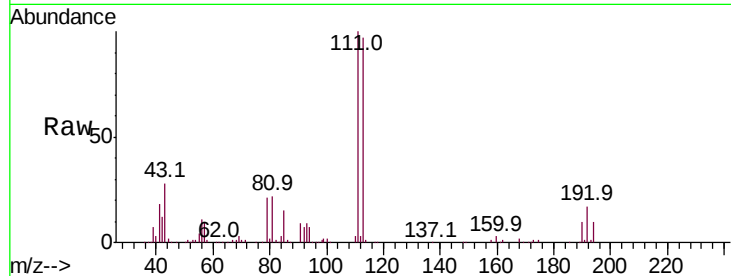




#35
 Dibromofluoromethane
 Concen: 21.228 ug/l
 RT: 8.06 min Scan# 1043
 Delta R.T. 0.14 min
 Lab File: VD066819.D
 Acq: 22 Sep 2020 19:02

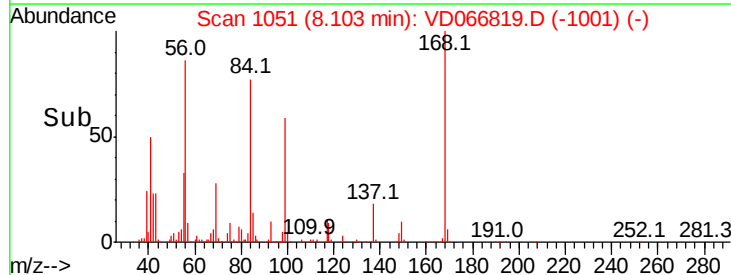
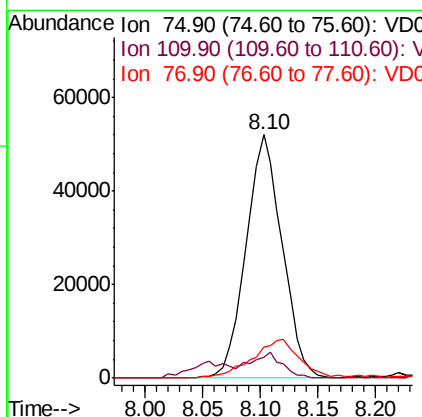
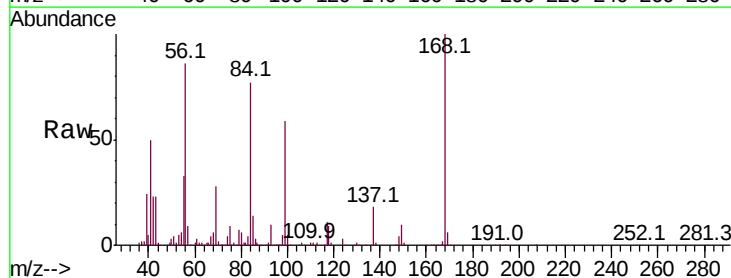
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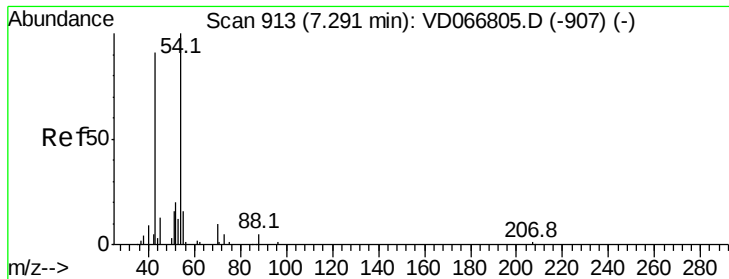
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.8	122.8
192	17.9	14.4	21.6



#36
 1,1-Dichloropropene
 Concen: 4.676 ug/l
 RT: 8.10 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VD066819.D
 Acq: 22 Sep 2020 19:02

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.2	17.9	53.8#
77	21.0	25.0	37.6#





#37

Ethyl Acetate

Concen: 12.720 ug/l

RT: 7.22 min Scan# 901

Delta R.T. -0.07 min

Lab File: VD066819.D

Acq: 22 Sep 2020 19:02

Instrument :

MSVOA_D

ClientSampleId :

JA-DRUM-COMP

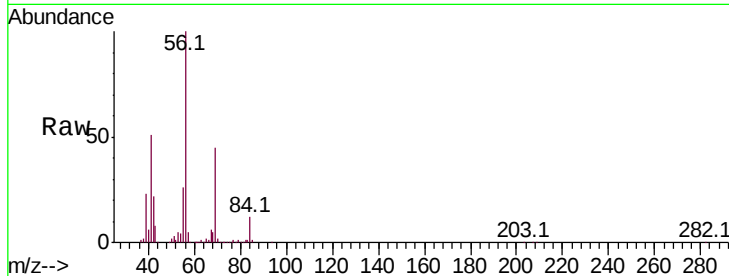
Tot Ion: 43 Resp: 111582

Ion Ratio Lower Upper

43 100

61 2.6 9.8 14.8#

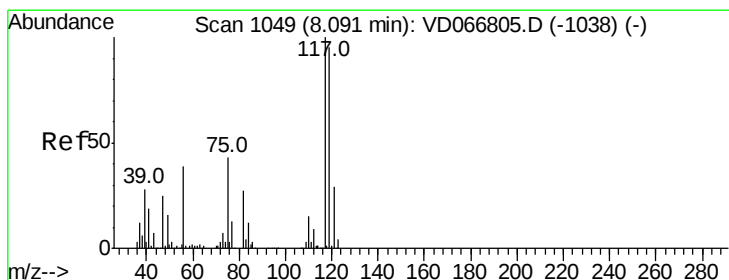
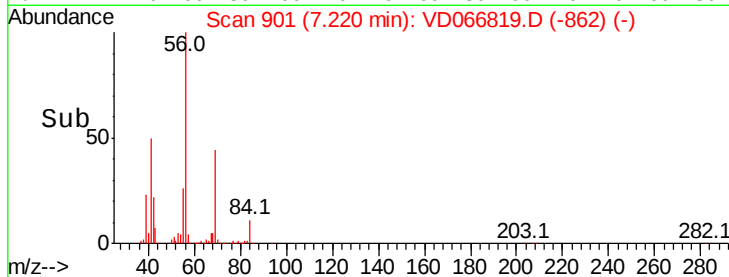
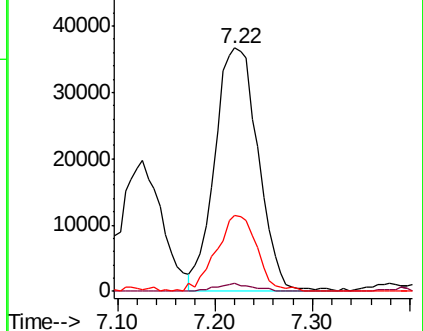
70 29.8 8.5 12.7#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 70.00 (69.70 to 70.70): VDC



#38

Carbon Tetrachloride

Concen: 5.365 ug/l

RT: 8.10 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VD066819.D

Acq: 22 Sep 2020 19:02

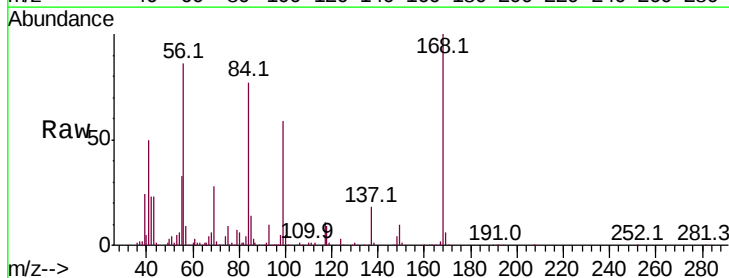
Tgt Ion: 117 Resp: 142330

Ion Ratio Lower Upper

117 100

119 5.6 75.8 113.8#

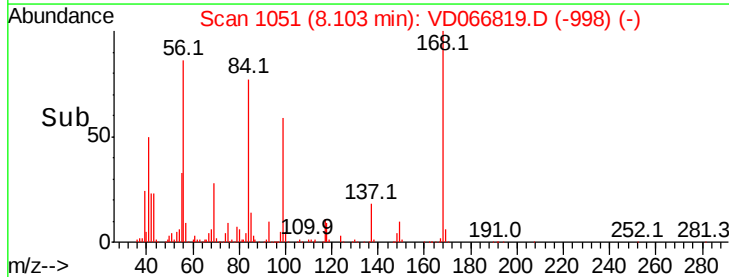
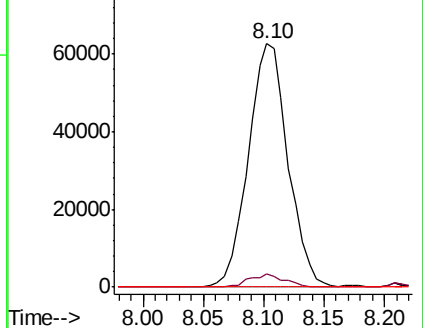
121 0.0 23.4 35.0#

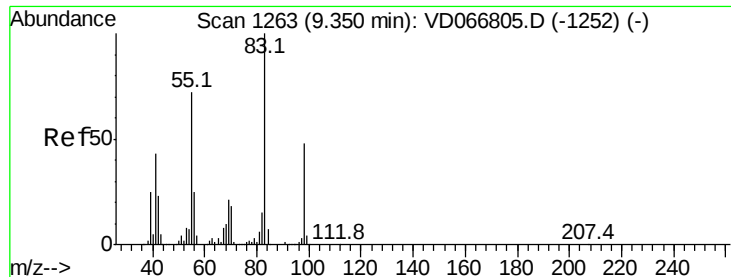


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

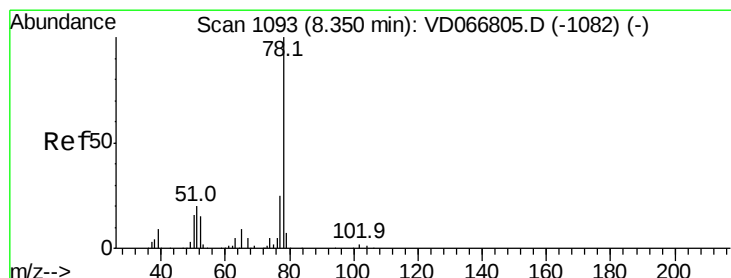
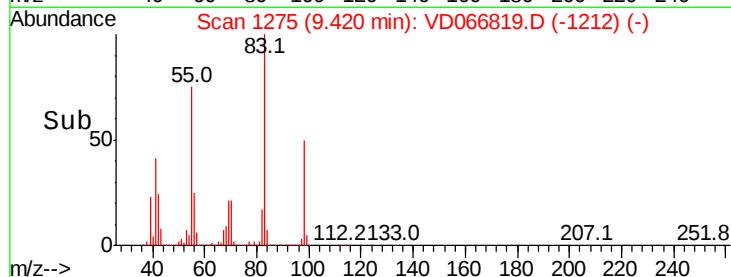
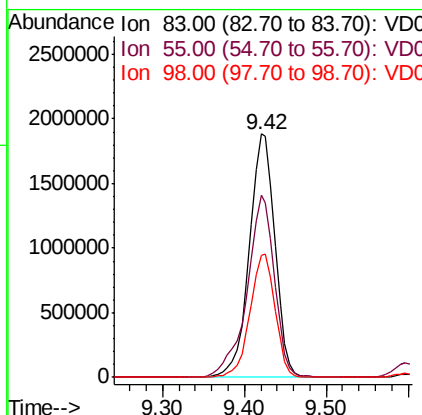
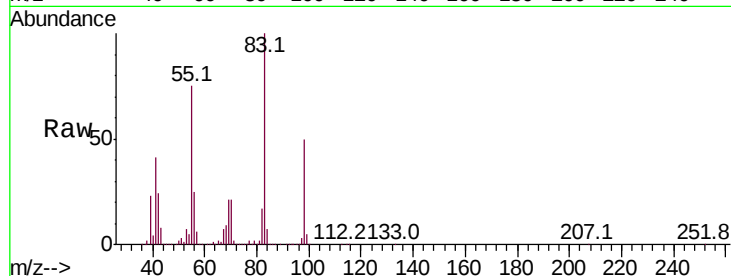




#39
Methvlcvclohexane
Concen: 147.195 ug/l
RT: 9.42 min Scan# 1275
Delta R.T. 0.07 min
Lab File: VD066819.D
Acq: 22 Sep 2020 19:02

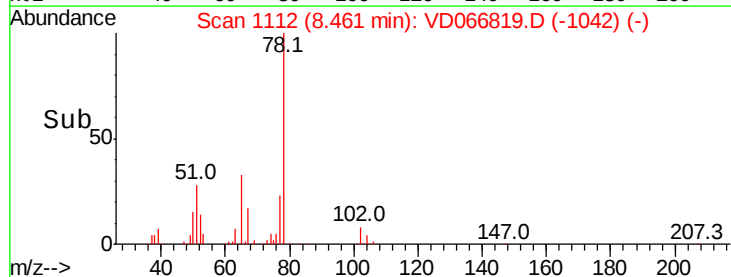
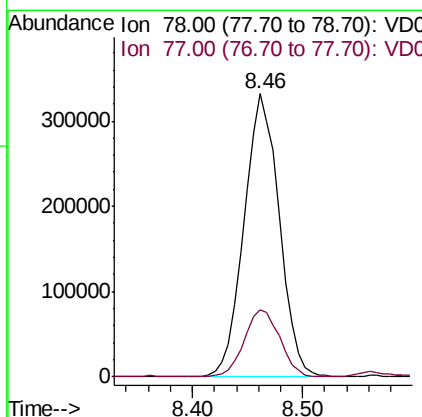
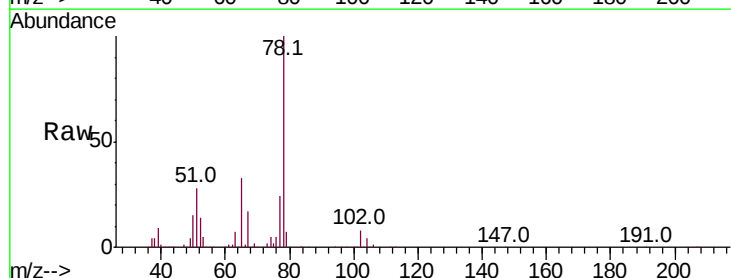
Instrument :
MSVOA_D
ClientSampleId :
JA-DRUM-COMP

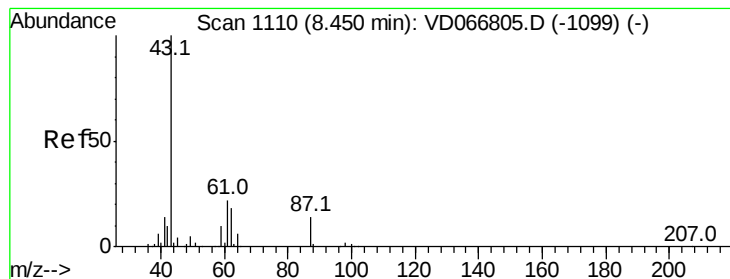
Tot Ion: 83 Resp: 4100899
Ion Ratio Lower Upper
83 100
55 74.7 57.7 86.5
98 50.1 38.4 57.6



#40
Benzene
Concen: 11.038 ug/l
RT: 8.46 min Scan# 1112
Delta R.T. 0.11 min
Lab File: VD066819.D
Acq: 22 Sep 2020 19:02

Tgt Ion: 78 Resp: 746445
Ion Ratio Lower Upper
78 100
77 23.4 19.9 29.9





#43

Isopropyl Acetate

Concen: 5.700 ug/l

RT: 8.56 min Scan# 1128

Delta R.T. 0.11 min

Lab File: VD066819.D

Acq: 22 Sep 2020 19:02

Instrument :

MSVOA_D

ClientSampleId :

JA-DRUM-COMP

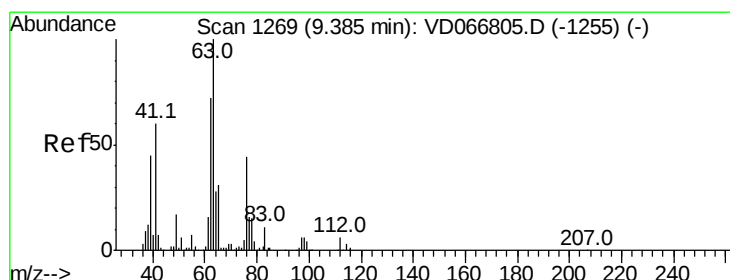
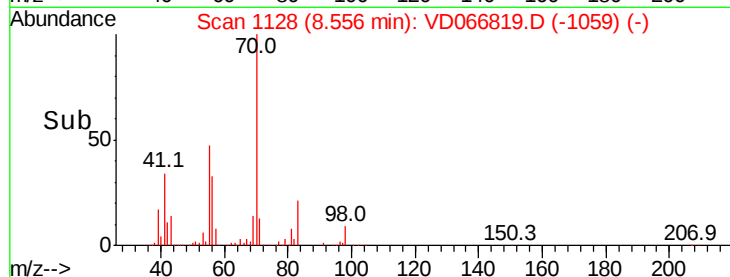
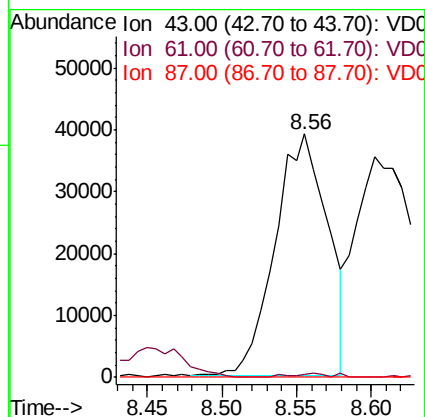
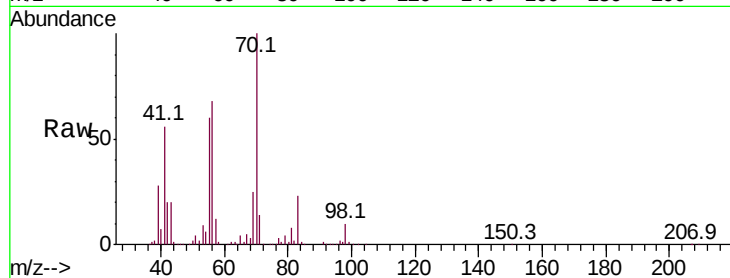
Tot Ion: 43 Resp: 96392

Ion Ratio Lower Upper

43 100

61 1.0 26.2 39.4#

87 0.0 11.5 17.3#



#45

1,2-Dichloropropane

Concen: 2.529 ug/l

RT: 9.43 min Scan# 1276

Delta R.T. 0.04 min

Lab File: VD066819.D

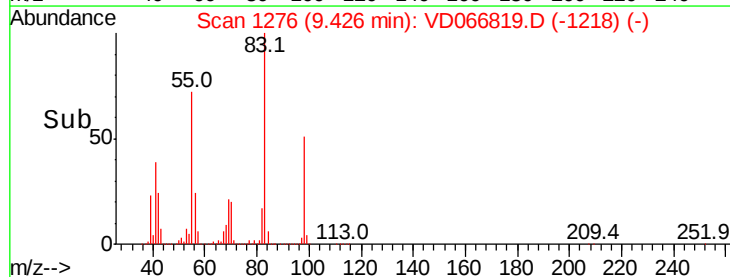
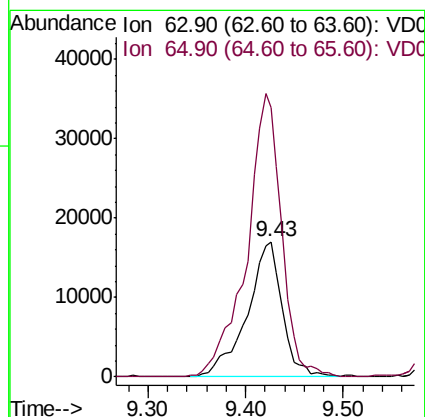
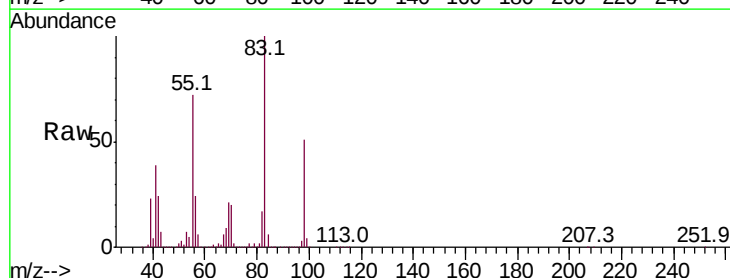
Acq: 22 Sep 2020 19:02

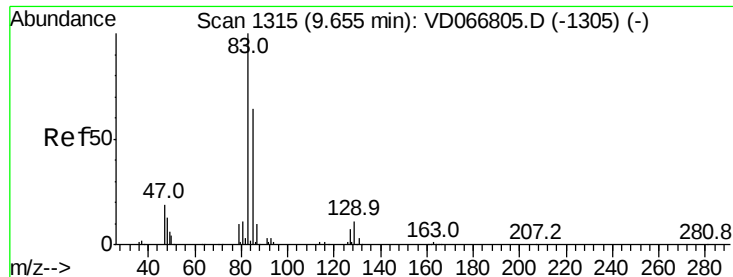
Tgt Ion: 63 Resp: 43026

Ion Ratio Lower Upper

63 100

65 199.2 24.7 37.1#





#47

Bromodichloromethane

Concen: 1.016 ug/l

RT: 9.68 min Scan# 1320

Delta R.T. 0.03 min

Lab File: VD066819.D

Acq: 22 Sep 2020 19:02

Instrument :

MSVOA_D

ClientSampleId :

JA-DRUM-COMP

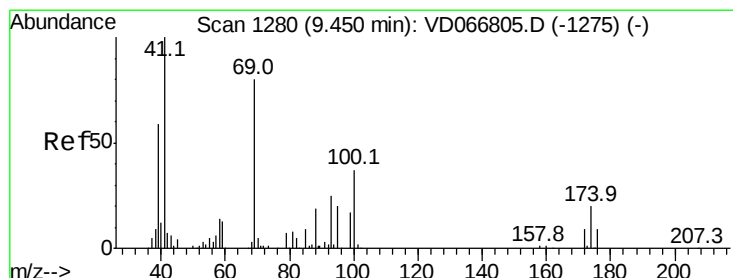
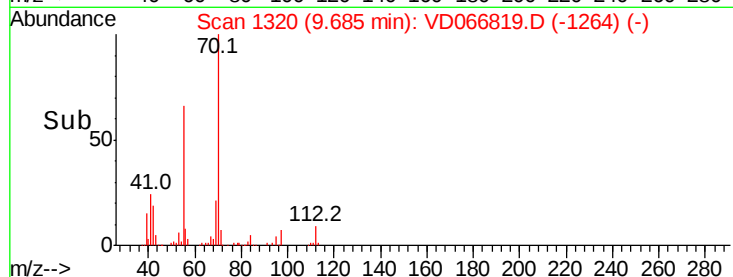
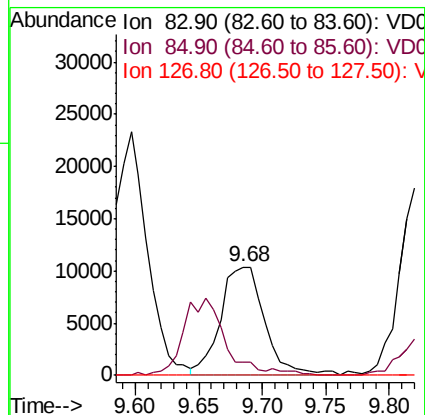
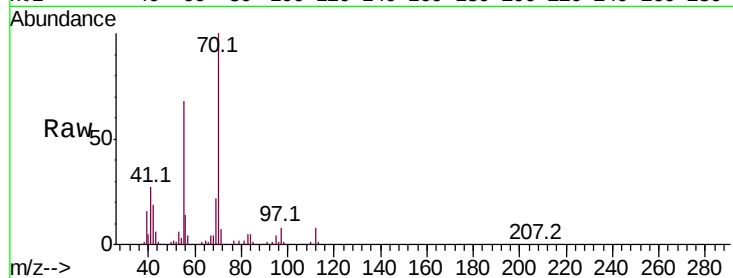
Tot Ion: 83 Resp: 25225

Ion Ratio Lower Upper

83 100

85 11.7 50.9 76.3#

127 0.0 5.9 8.9#



#48

Methyl methacrylate

Concen: 34.441 ug/l

RT: 9.60 min Scan# 1305

Delta R.T. 0.15 min

Lab File: VD066819.D

Acq: 22 Sep 2020 19:02

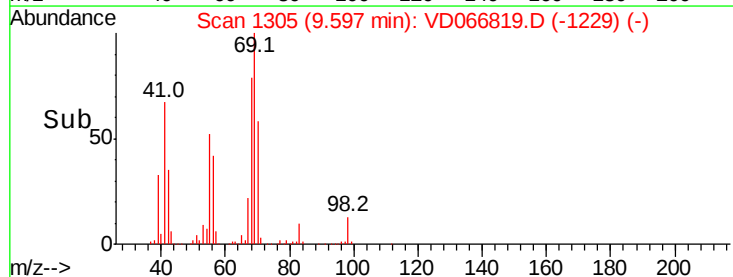
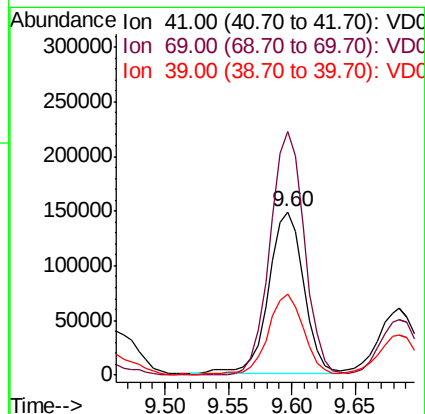
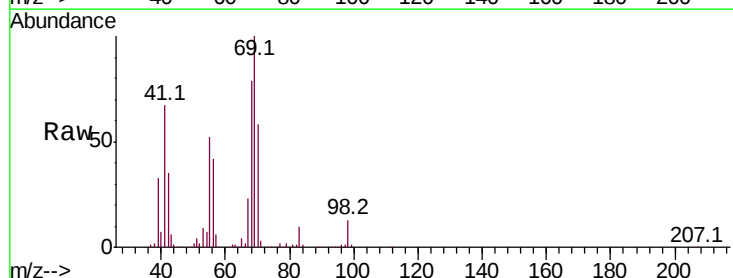
Tgt Ion: 41 Resp: 287190

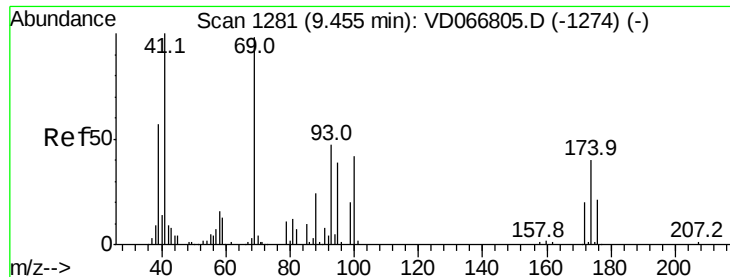
Ion Ratio Lower Upper

41 100

69 145.9 74.5 111.7#

39 50.4 47.0 70.6

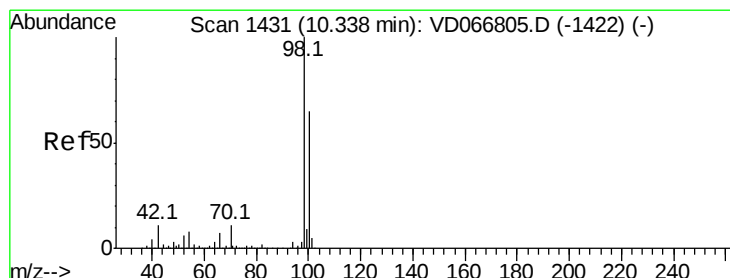
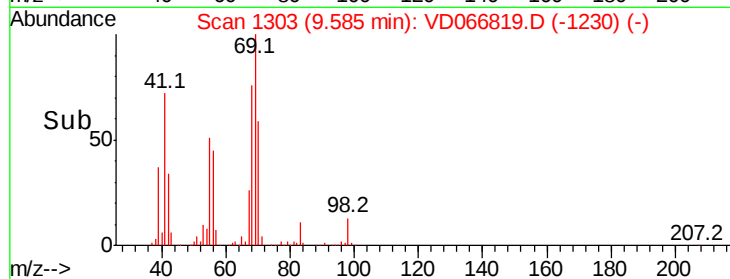
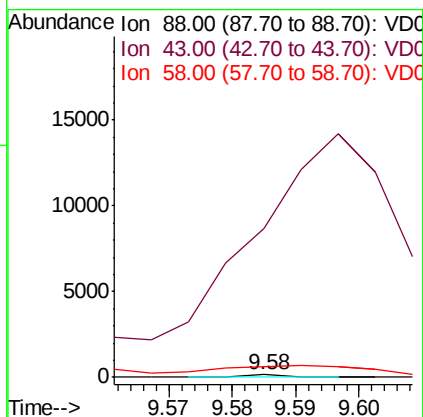
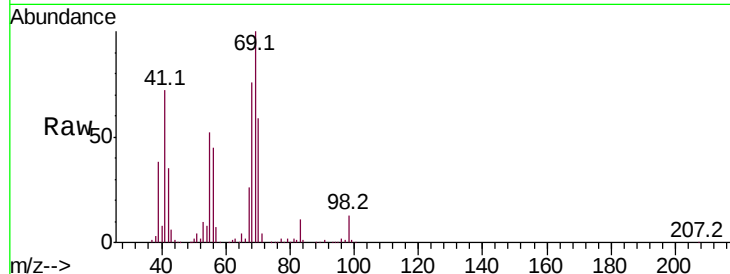




#49
1,4-Dioxane
Concen: Below Cal
RT: 9.58 min Scan# 1303
Delta R.T. 0.13 min
Lab File: VD066819.D
Acq: 22 Sep 2020 19:02

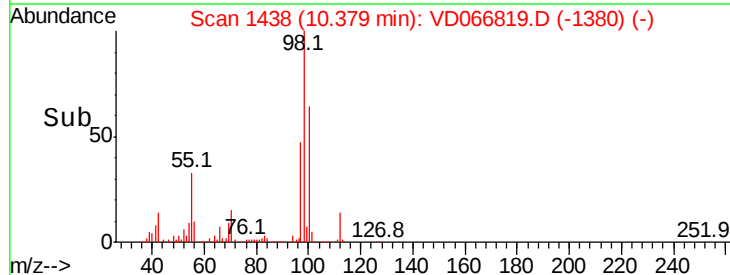
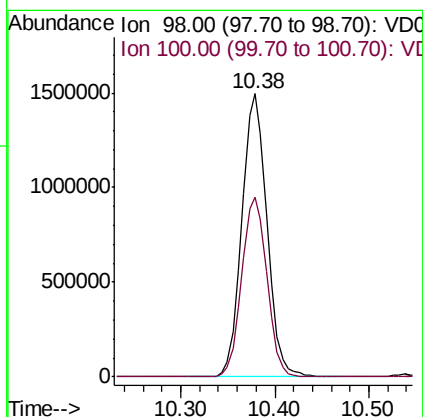
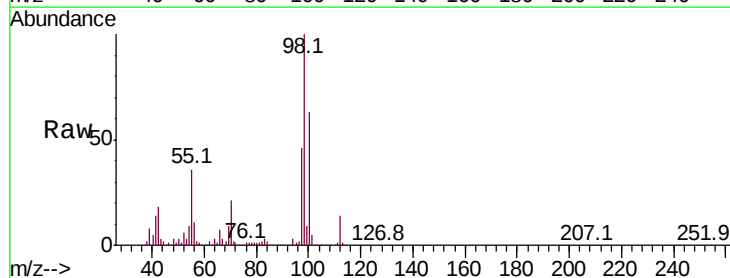
Instrument :
MSVOA_D
ClientSampleId :
JA-DRUM-COMP

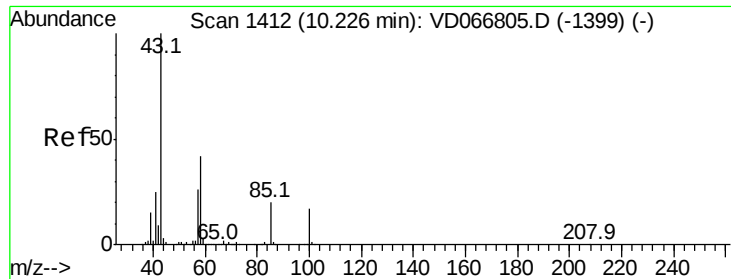
Tot Ion: 88 Resp: 58
Ion Ratio Lower Upper
88 100
43 48455.2 27.7 41.5#
58 2237.9 55.5 83.3#



#50
Toluene-d8
Concen: 52.058 ug/l
RT: 10.38 min Scan# 1438
Delta R.T. 0.04 min
Lab File: VD066819.D
Acq: 22 Sep 2020 19:02

Tgt Ion: 98 Resp: 2760073
Ion Ratio Lower Upper
98 100
100 63.5 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 12.657 ug/l

RT: 10.37 min Scan# 1437

Delta R.T. 0.15 min

Lab File: VD066819.D

Acq: 22 Sep 2020 19:02

Instrument :

MSVOA_D

ClientSampleId :

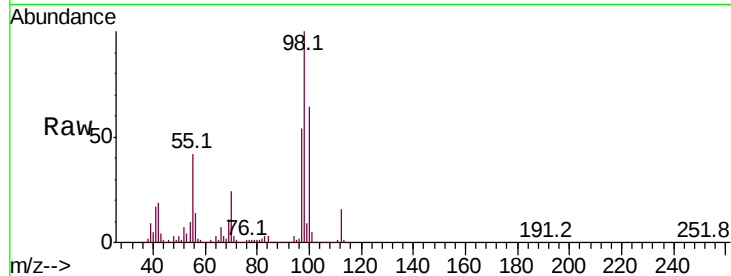
JA-DRUM-COMP

Tot Ion: 43 Resp: 108467

Ion Ratio Lower Upper

43 100

58 23.3 32.2 48.4#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

60000

40000

20000

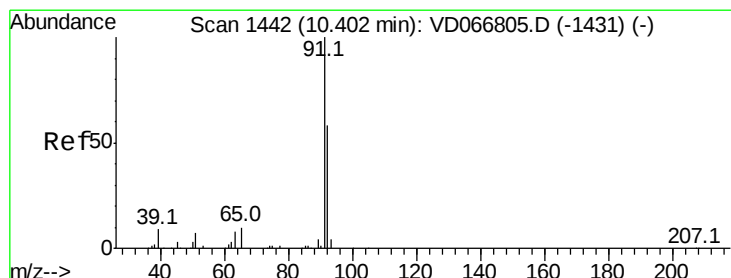
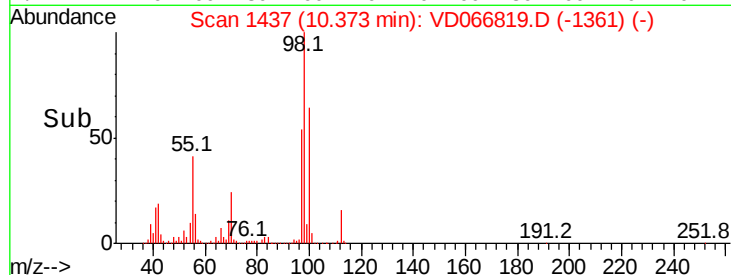
0

10.30

10.35

10.40

Time-->



#52

Toluene

Concen: 168.295 ug/l

RT: 10.44 min Scan# 1449

Delta R.T. 0.04 min

Lab File: VD066819.D

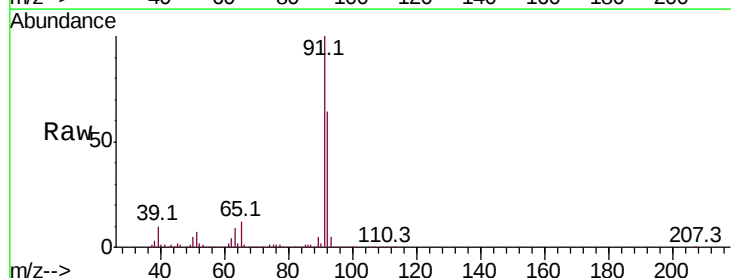
Acq: 22 Sep 2020 19:02

Tgt Ion: 92 Resp: 7331130

Ion Ratio Lower Upper

92 100

91 161.6 134.6 202.0



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

6000000

4000000

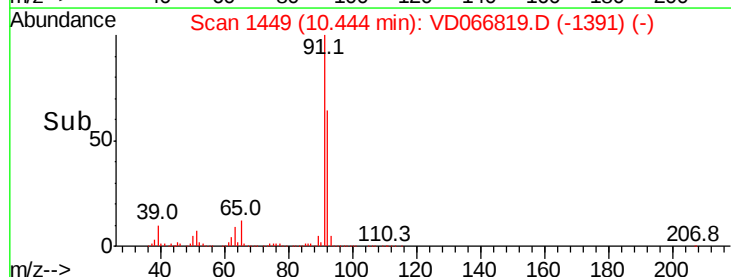
2000000

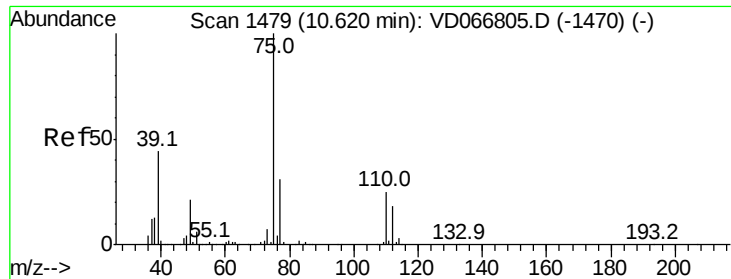
0

10.40

10.60

Time-->





#53

t-1,3-Dichloropropene

Concen: 2.909 ug/l

RT: 10.44 min Scan# 1448

Delta R.T. -0.18 min

Lab File: VD066819.D

Acq: 22 Sep 2020 19:02

Instrument :

MSVOA_D

ClientSampleId :

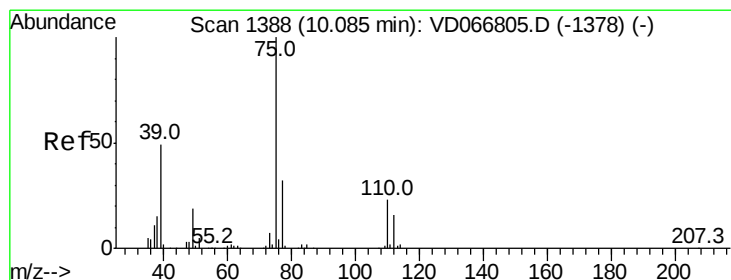
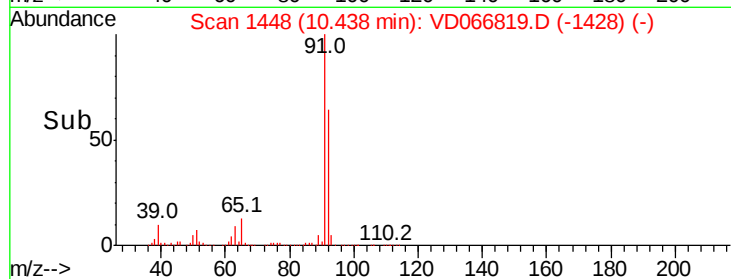
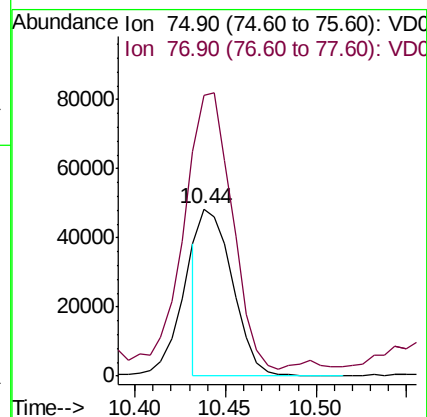
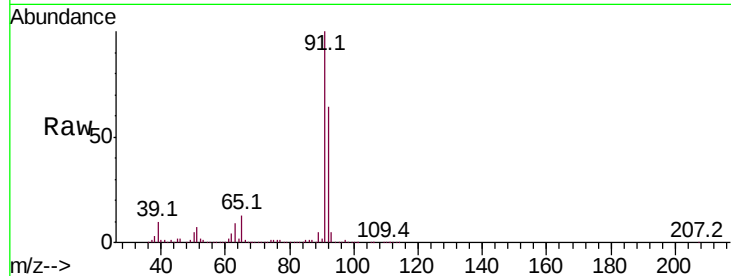
JA-DRUM-COMP

Tot Ion: 75 Resp: 61494

Ion Ratio Lower Upper

75 100

77 162.8 24.5 36.7#



#54

cis-1,3-Dichloropropene

Concen: 3.351 ug/l

RT: 10.44 min Scan# 1448

Delta R.T. 0.35 min

Lab File: VD066819.D

Acq: 22 Sep 2020 19:02

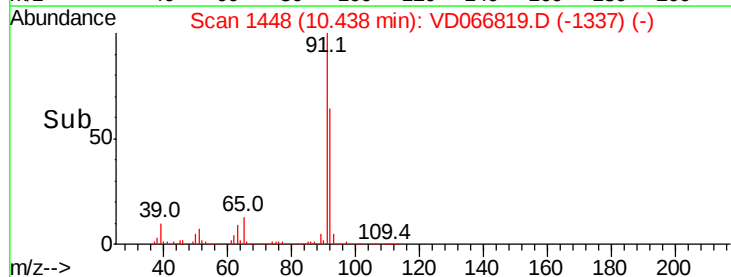
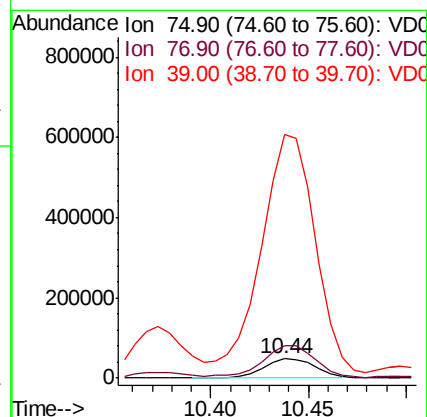
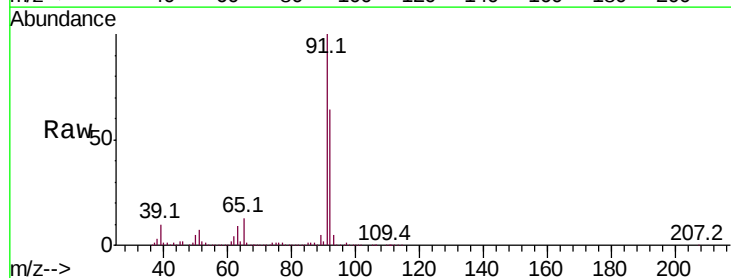
Tgt Ion: 75 Resp: 86369

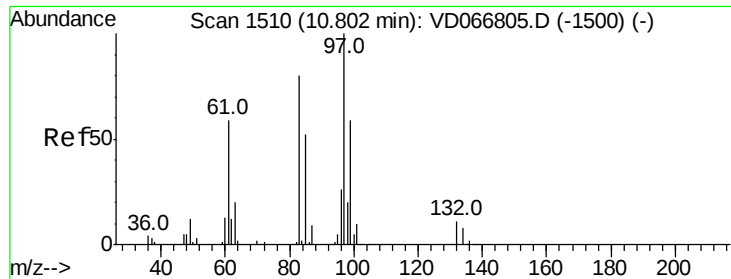
Ion Ratio Lower Upper

75 100

77 153.9 25.6 38.4#

39 1153.9 39.2 58.8#

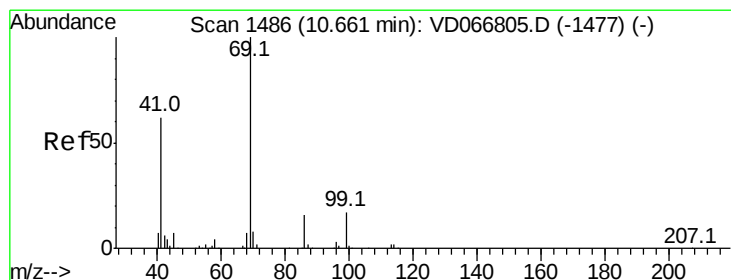
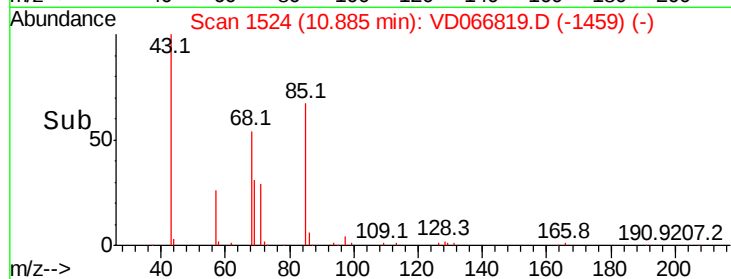
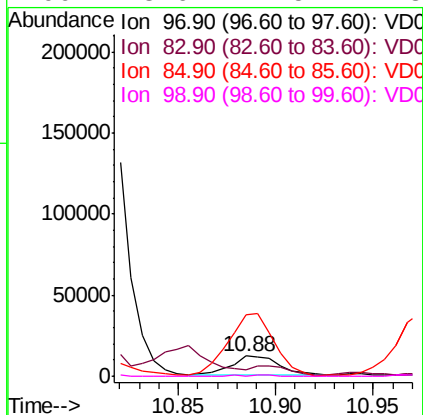
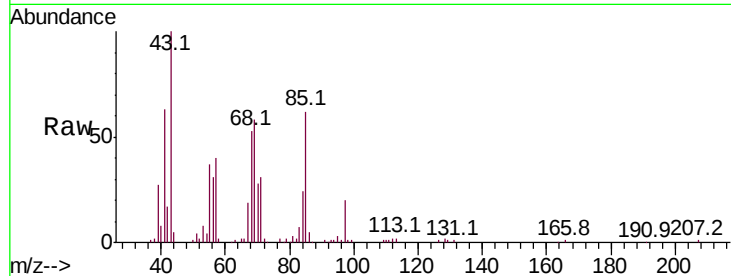




#55
 1,1,2-Trichloroethane
 Concen: 1.561 ug/l
 RT: 10.88 min Scan# 1524
 Delta R.T. 0.08 min
 Lab File: VD066819.D
 Acq: 22 Sep 2020 19:02

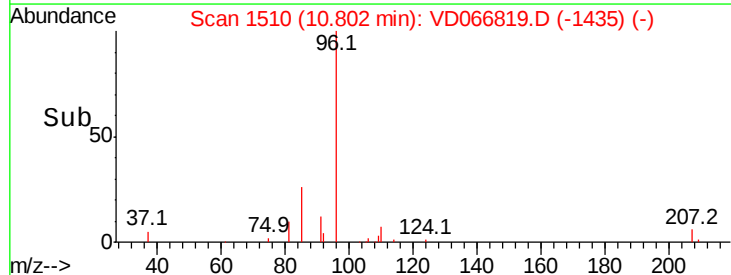
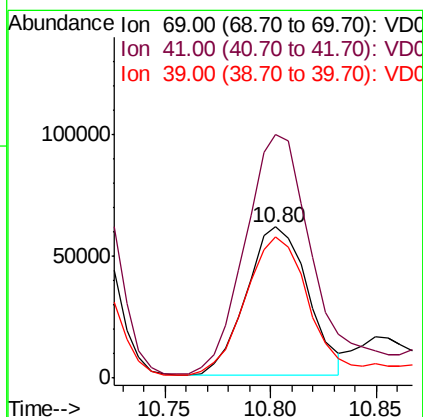
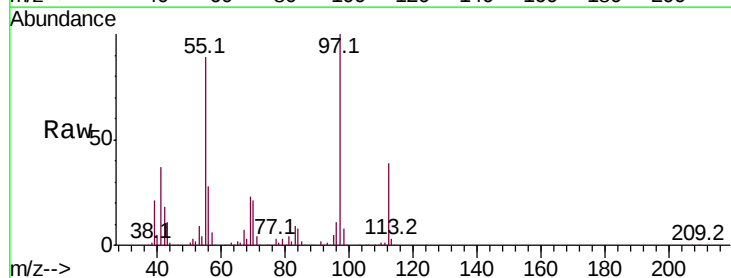
Instrument :
 MSVOA_D
 ClientSampleId :
 JA-DRUM-COMP

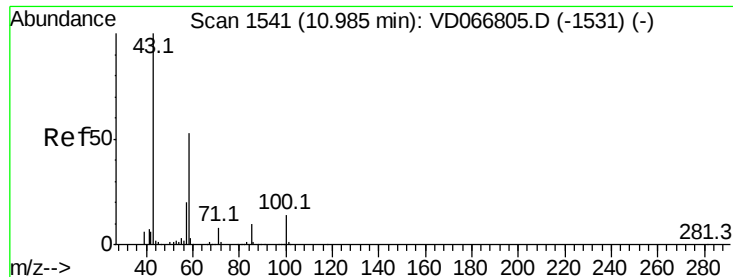
Tot Ion	Ratio	Lower	Upper
97	100		
83	26.4	64.2	96.2#
85	323.3	41.9	62.9#
99	3.6	47.5	71.3#



#56
 Ethyl methacrylate
 Concen: 9.025 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.14 min
 Lab File: VD066819.D
 Acq: 22 Sep 2020 19:02

Tgt Ion	Ratio	Lower	Upper
69	100		
41	180.9	52.2	78.2#
39	96.3	26.6	40.0#





#59

2-Hexanone

Concen: 14.194 ug/l

RT: 11.07 min Scan# 1556

Delta R.T. 0.09 min

Lab File: VD066819.D

Acq: 22 Sep 2020 19:02

Instrument :

MSVOA_D

ClientSampleId :

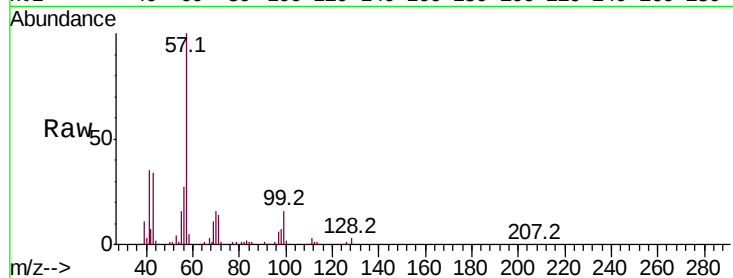
JA-DRUM-COMP

Tot Ion: 43 Resp: 82026

Ion Ratio Lower Upper

43 100

58 14.3 27.0 80.8#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

150000

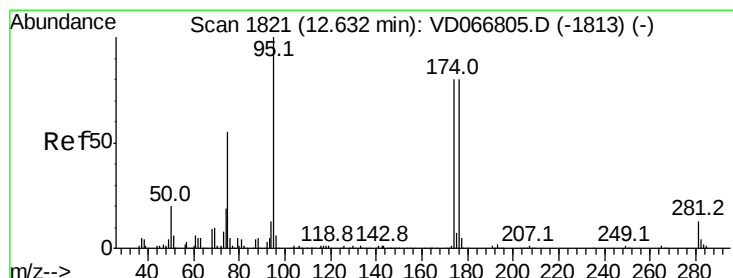
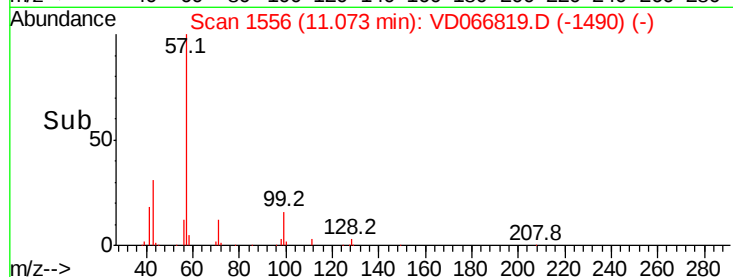
100000

50000

0

11.00 11.05 11.10 11.15

Time-->



#62

4-Bromofluorobenzene

Concen: 28.441 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD066819.D

Acq: 22 Sep 2020 19:02

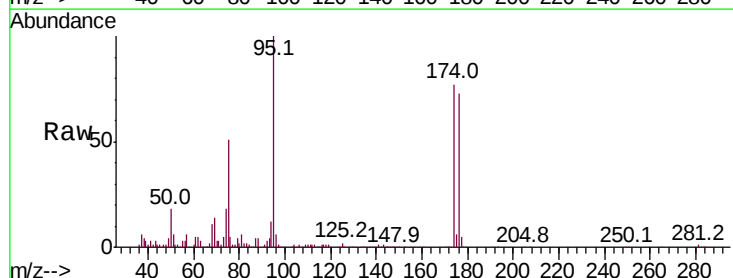
Tgt Ion: 95 Resp: 516216

Ion Ratio Lower Upper

95 100

174 78.6 0.0 159.8

176 76.2 0.0 154.4



Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

400000

300000

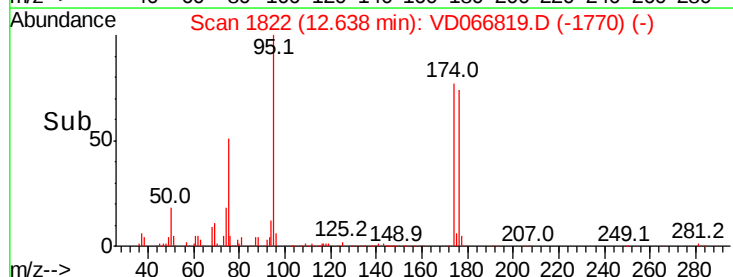
200000

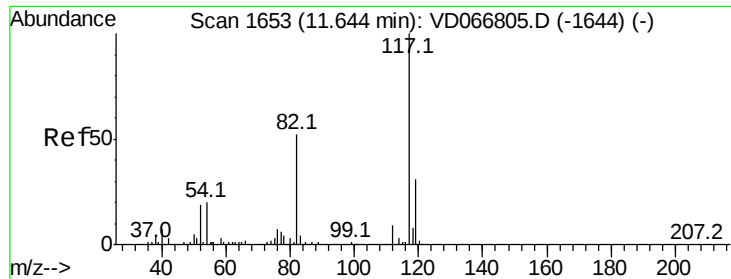
100000

0

12.60 12.65 12.70

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.66 min Scan# 1656

Delta R.T. 0.02 min

Lab File: VD066819.D

Acq: 22 Sep 2020 19:02

Instrument :

MSVOA_D

ClientSampleId :

JA-DRUM-COMP

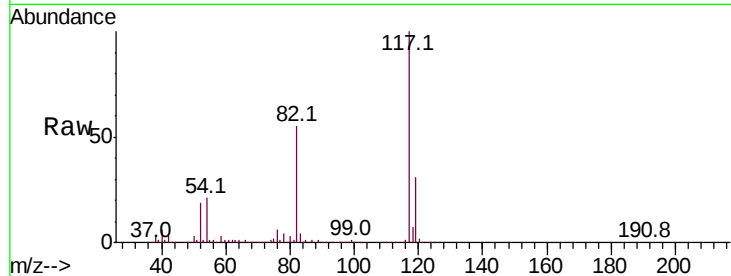
Tot Ion:117 Resp: 1725252

Ion Ratio Lower Upper

117 100

82 54.8 41.8 62.6

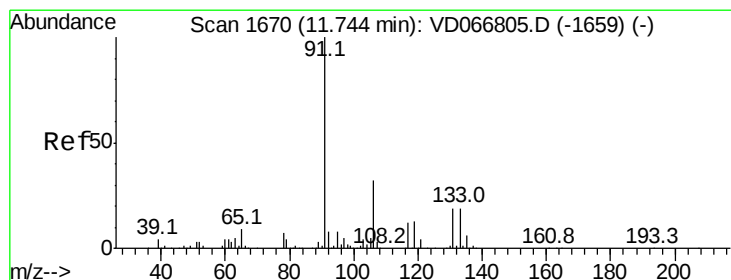
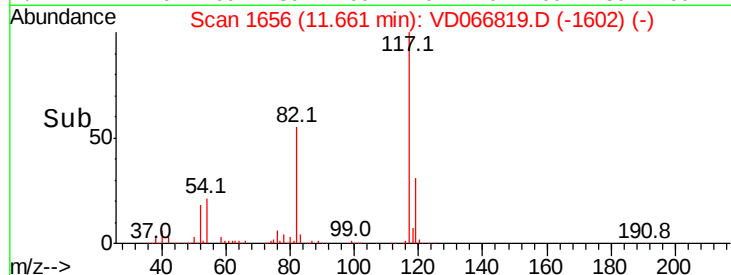
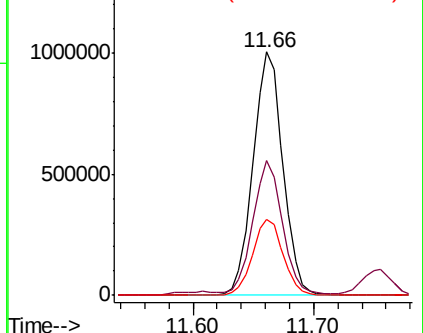
119 31.2 24.6 37.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#67

Ethyl Benzene

Concen: 95.986 ug/l

RT: 11.76 min Scan# 1673

Delta R.T. 0.02 min

Lab File: VD066819.D

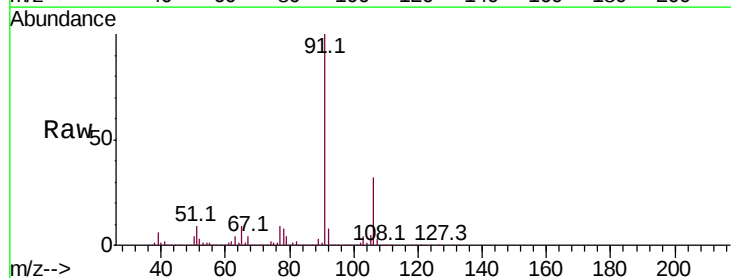
Acq: 22 Sep 2020 19:02

Tgt Ion: 91 Resp: 6054132

Ion Ratio Lower Upper

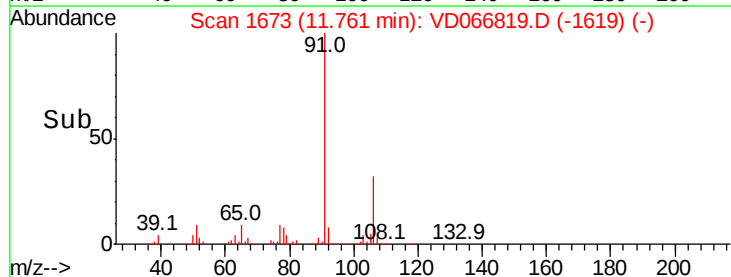
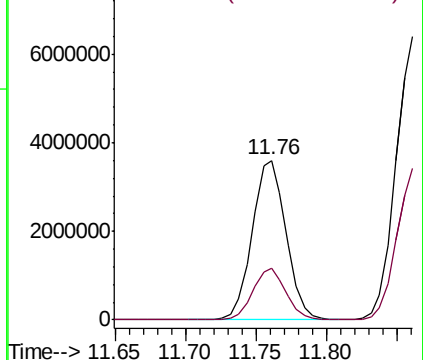
91 100

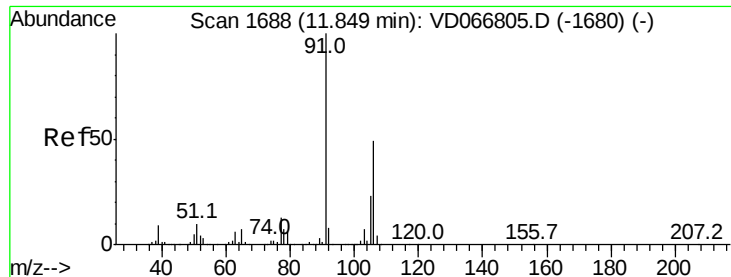
106 32.4 25.6 38.4



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 270.652 ug/l

RT: 11.86 min Scan# 1690

Delta R.T. 0.01 min

Lab File: VD066819.D

Acq: 22 Sep 2020 19:02

Instrument :

MSVOA_D

ClientSampleId :

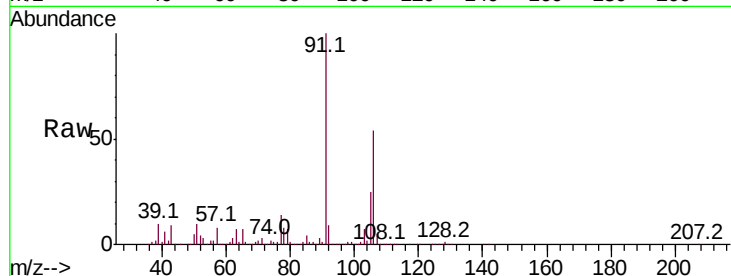
JA-DRUM-COMP

Tot Ion:106 Resp: 6463249

Ion Ratio Lower Upper

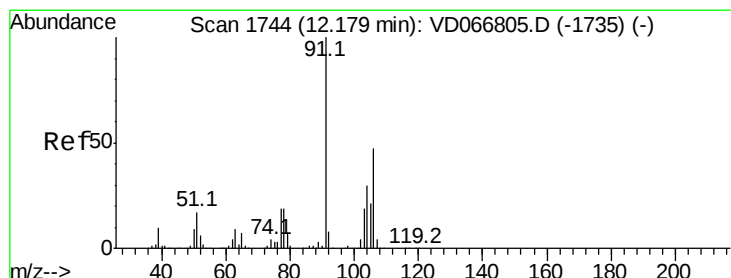
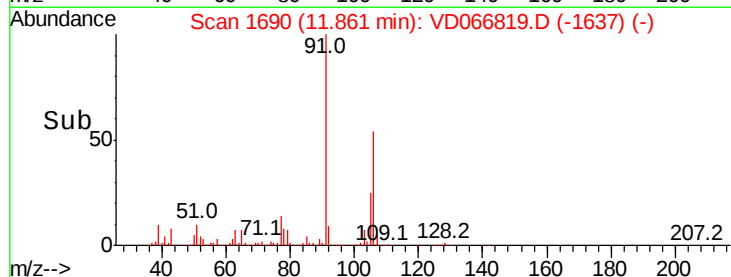
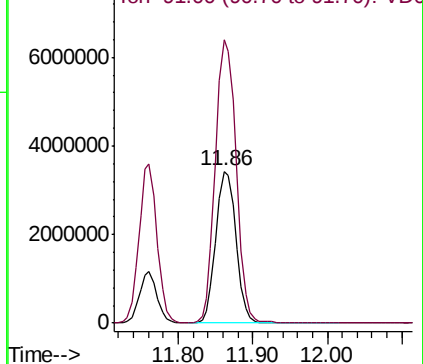
106 100

91 192.2 160.7 241.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): V



#69

o-Xylene

Concen: 153.326 ug/l

RT: 12.19 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VD066819.D

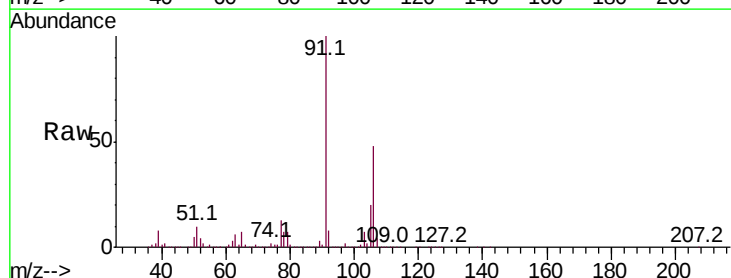
Acq: 22 Sep 2020 19:02

Tgt Ion:106 Resp: 3310822

Ion Ratio Lower Upper

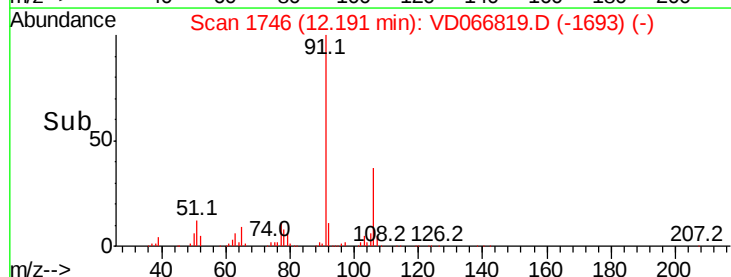
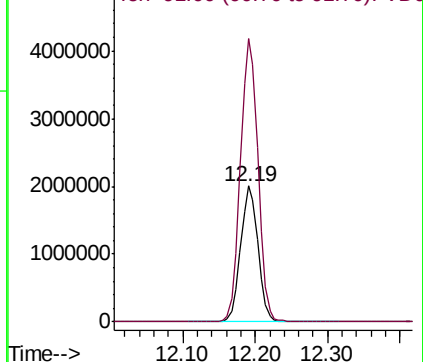
106 100

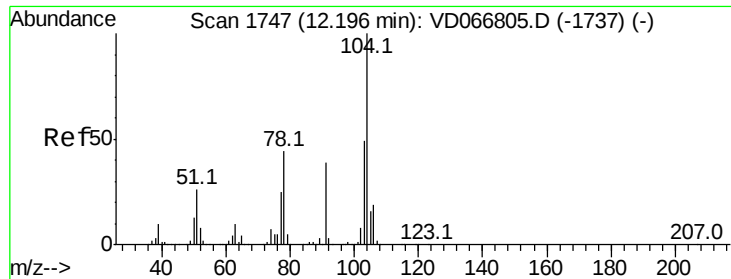
91 212.5 106.3 318.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): V

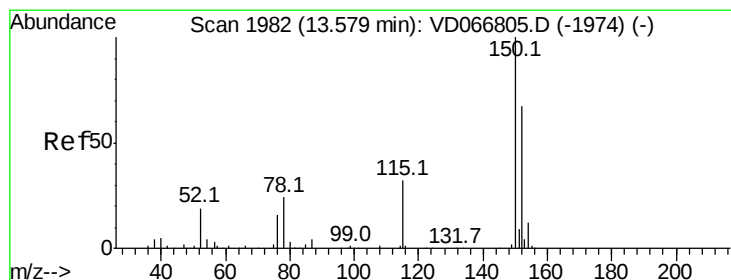
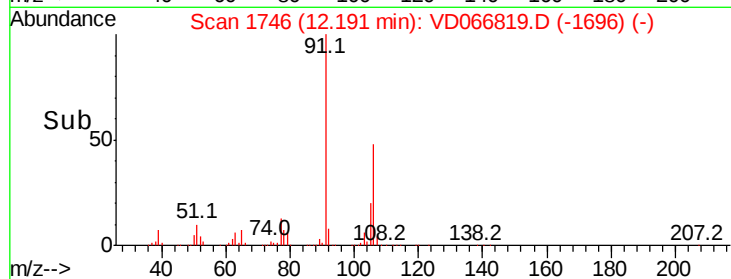
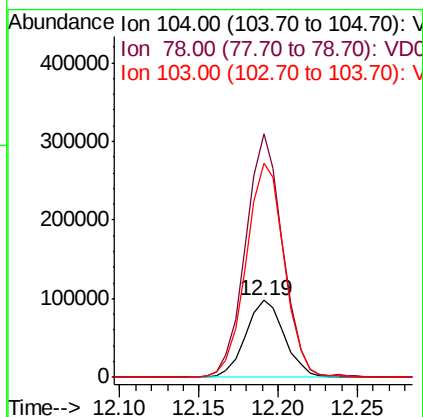
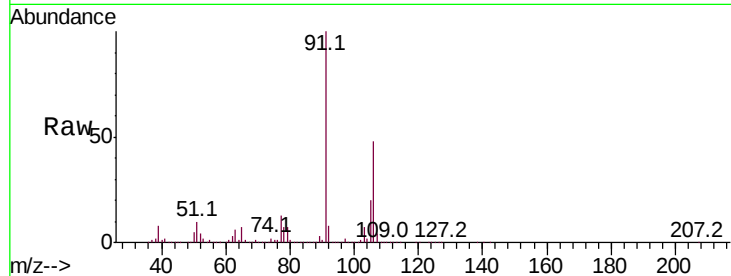




#70
Stvrene
Concen: 4.431 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VD066819.D
Acq: 22 Sep 2020 19:02

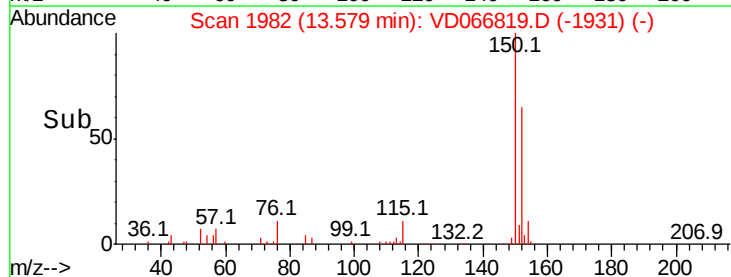
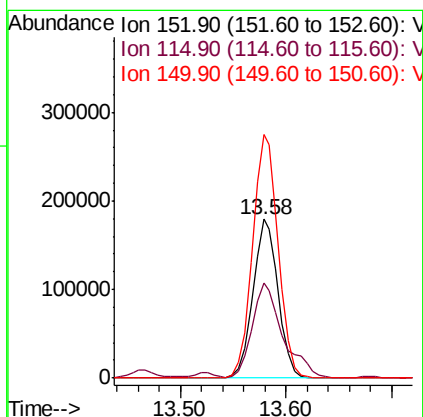
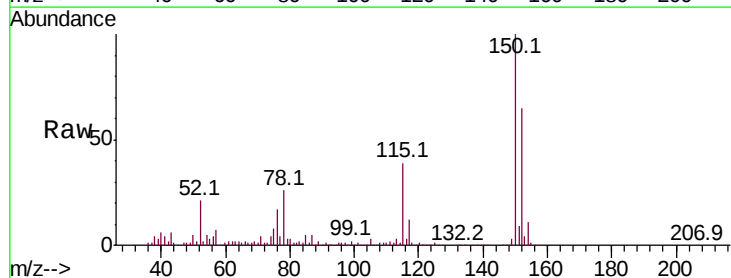
Instrument :
MSVOA_D
ClientSampleId :
JA-DRUM-COMP

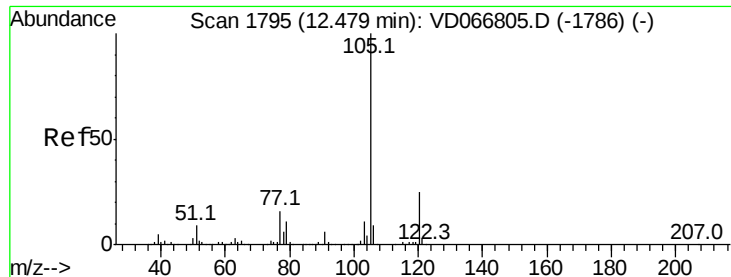
Tot Ion	Ratio	Lower	Upper
104	100		
78	305.1	38.9	58.3#
103	274.7	43.2	64.8#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066819.D
Acq: 22 Sep 2020 19:02

Tgt Ion	Ratio	Lower	Upper
152	100		
115	72.5	30.3	91.0
150	156.4	0.0	346.2





#73

Isopropylbenzene

Concen: 42.376 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VD066819.D

Acq: 22 Sep 2020 19:02

Instrument :

MSVOA_D

ClientSampleId :

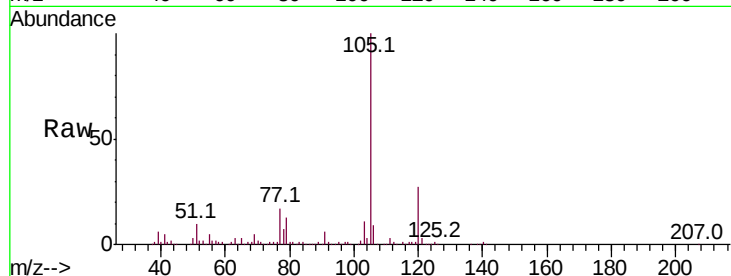
JA-DRUM-COMP

Tot Ion:105 Resp: 906228

Ion Ratio Lower Upper

105 100

120 26.3 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.48

600000

500000

400000

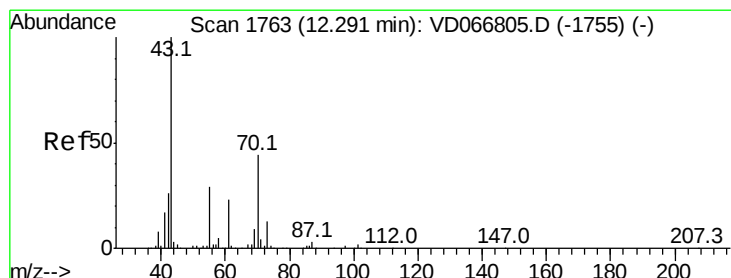
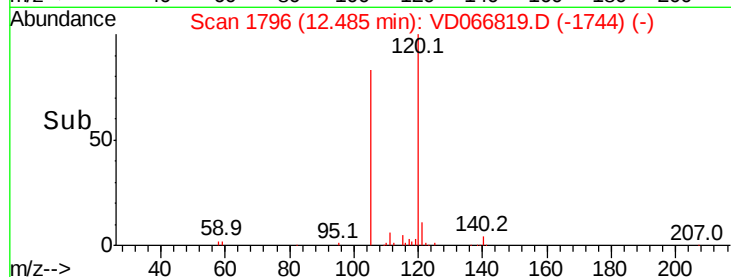
300000

200000

100000

0

Time--> 12.40 12.50 12.60



#74

N-ethyl acetate

Concen: 24.197 ug/l

RT: 12.28 min Scan# 1761

Delta R.T. -0.01 min

Lab File: VD066819.D

Acq: 22 Sep 2020 19:02

Tgt Ion: 43 Resp: 101051

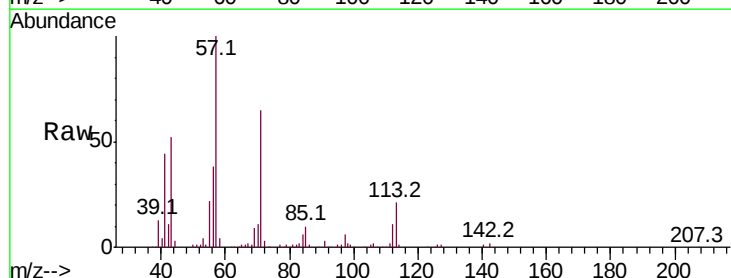
Ion Ratio Lower Upper

43 100

70 21.8 36.1 54.1#

55 0.0 21.8 32.8#

61 0.0 19.0 28.4#



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

80000

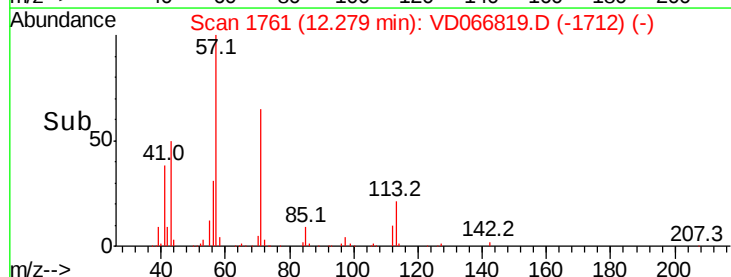
60000

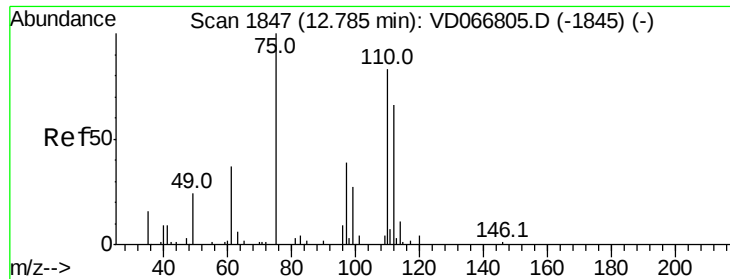
40000

20000

0

Time--> 12.20 12.25 12.30

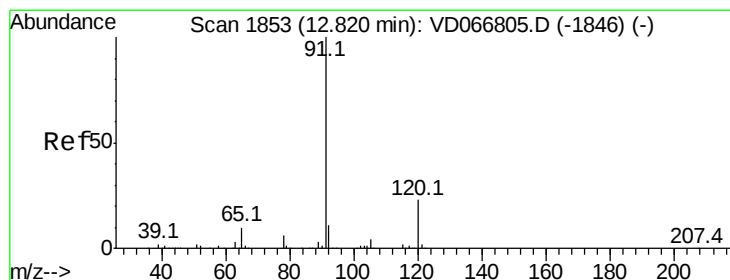
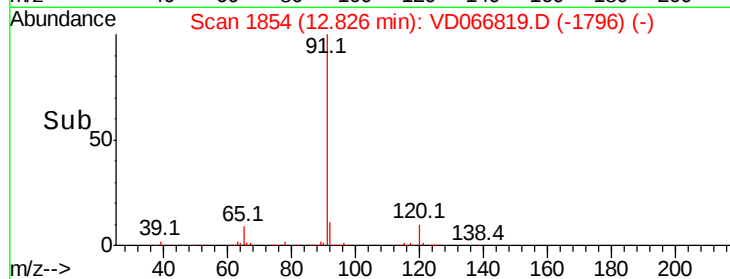
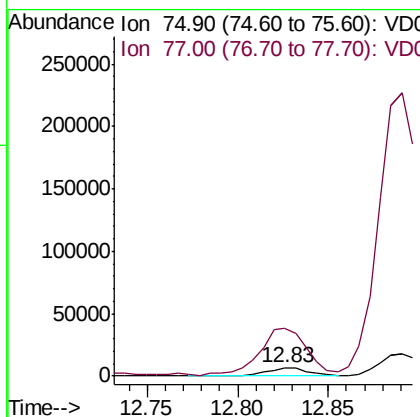
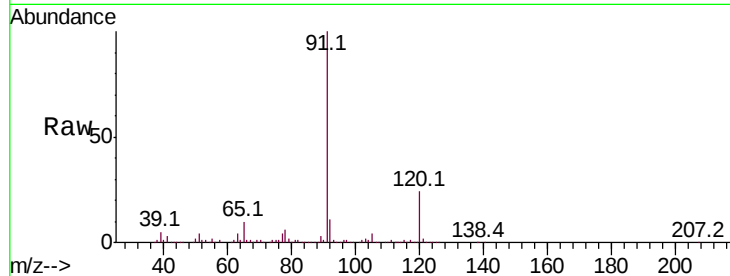




#76
 1,2,3-Trichloropropane
 Concen: 4.536 ug/l
 RT: 12.83 min Scan# 1854
 Delta R.T. 0.04 min
 Lab File: VD066819.D
 Acq: 22 Sep 2020 19:02

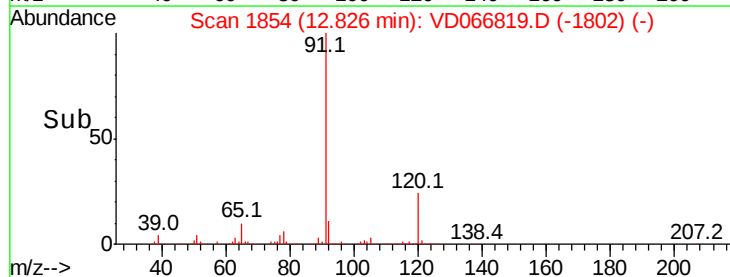
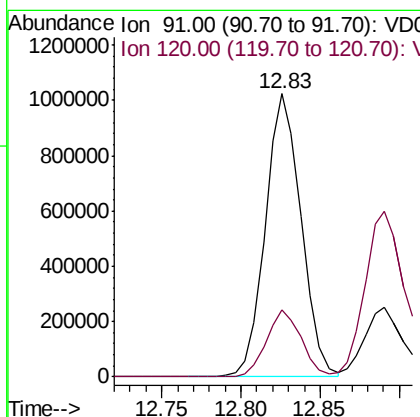
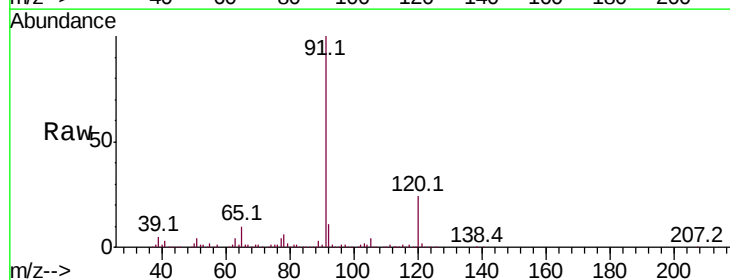
Instrument :
 MSVOA_D
 ClientSampleId :
 JA-DRUM-COMP

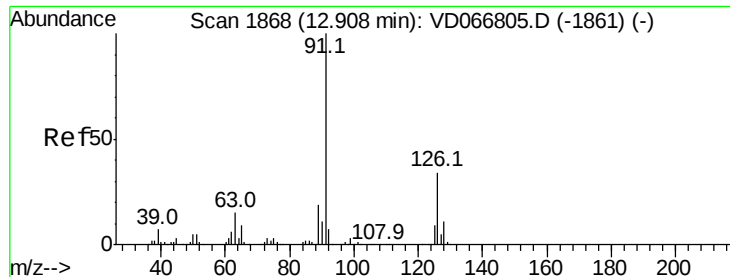
Tot Ion: 75 Resp: 11129
 Ion Ratio Lower Upper
 75 100
 77 617.2 0.0 0.0#



#78
 n-propylbenzene
 Concen: 62.318 ug/l
 RT: 12.83 min Scan# 1854
 Delta R.T. 0.01 min
 Lab File: VD066819.D
 Acq: 22 Sep 2020 19:02

Tgt Ion: 91 Resp: 1603291
 Ion Ratio Lower Upper
 91 100
 120 23.0 11.4 34.2

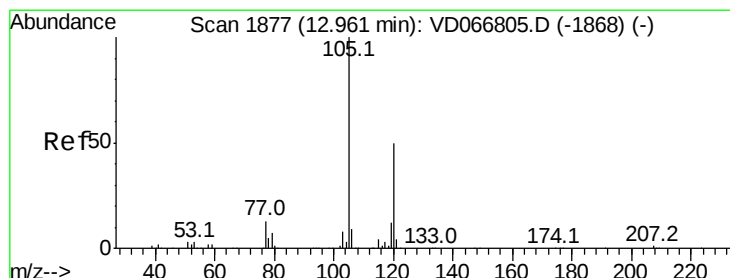
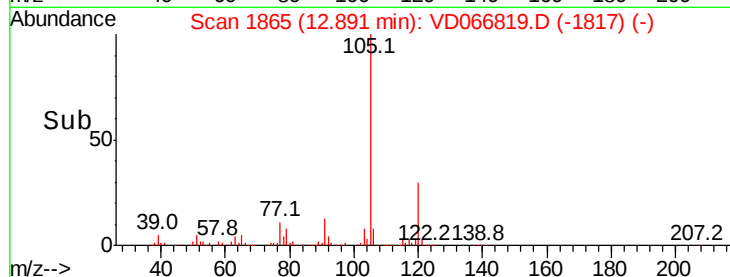
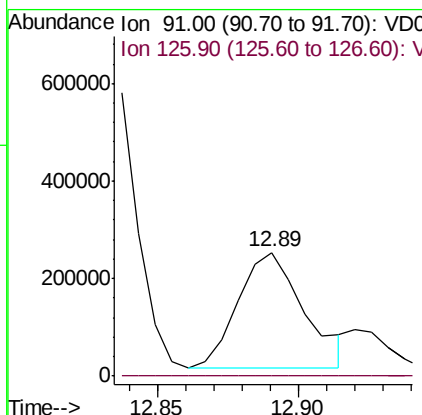
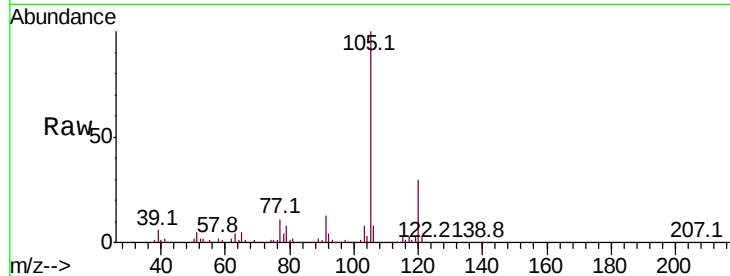




#79
 2-Chlorotoluene
 Concen: 26.252 ug/l
 RT: 12.89 min Scan# 1865
 Delta R.T. -0.02 min
 Lab File: VD066819.D
 Acq: 22 Sep 2020 19:02

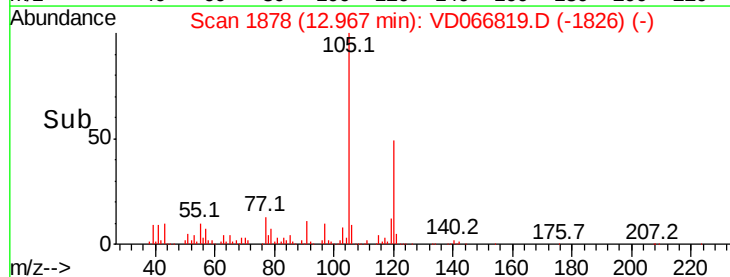
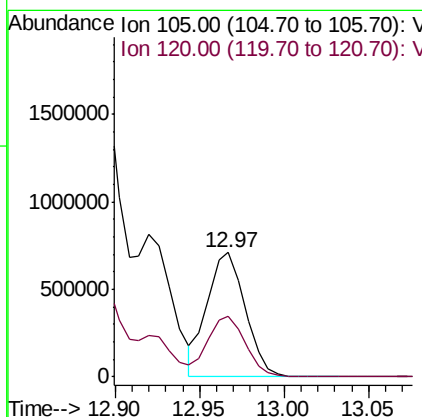
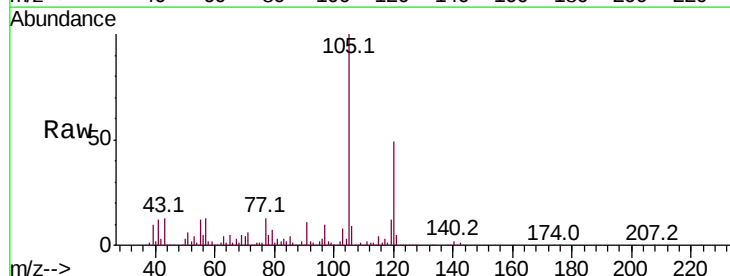
Instrument :
 MSVOA_D
 ClientSampleId :
 JA-DRUM-COMP

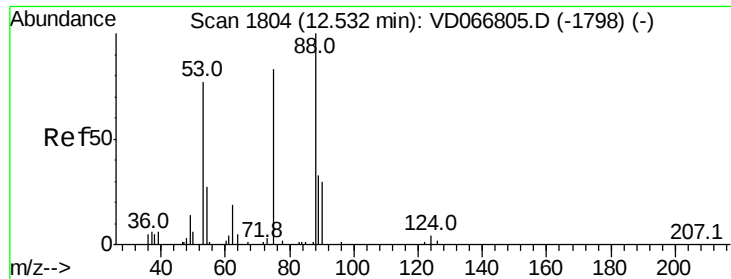
Tot Ion: 91 Resp: 384876
 Ion Ratio Lower Upper
 91 100
 126 0.1 17.0 51.0#



#80
 1,3,5-Trimethylbenzene
 Concen: 61.299 ug/l
 RT: 12.97 min Scan# 1878
 Delta R.T. 0.01 min
 Lab File: VD066819.D
 Acq: 22 Sep 2020 19:02

Tgt Ion:105 Resp: 1112312
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 11.337 ug/l

RT: 12.49 min Scan# 1797

Delta R.T. -0.04 min

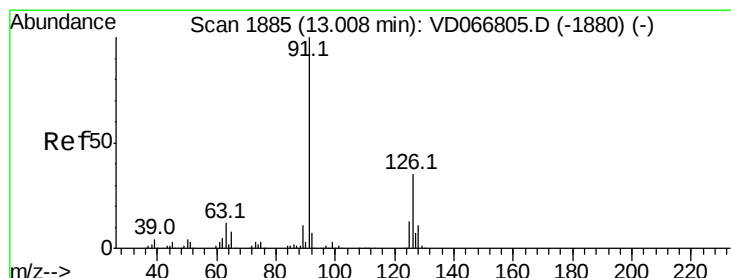
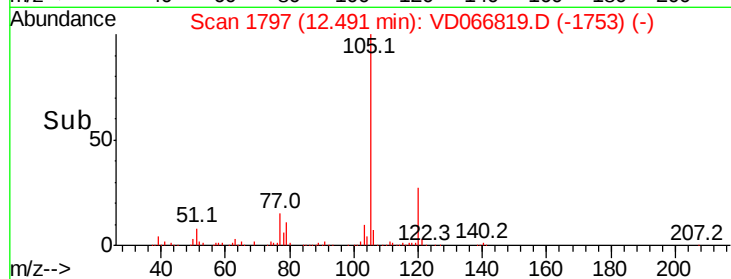
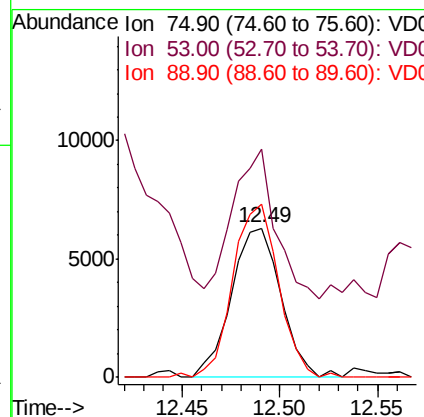
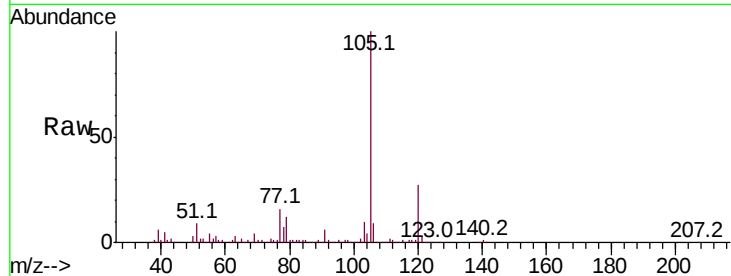
Lab File: VD066819.D

Acq: 22 Sep 2020 19:02

Instrument :
MSVOA_D
ClientSampleId :
JA-DRUM-COMP

Tot Ion: 75 Resp: 11117

Ion	Ratio	Lower	Upper
75	100		
53	93.8	78.5	117.7
89	107.2	38.1	57.1#



#82

4-Chlorotoluene

Concen: 7.785 ug/l

RT: 12.97 min Scan# 1878

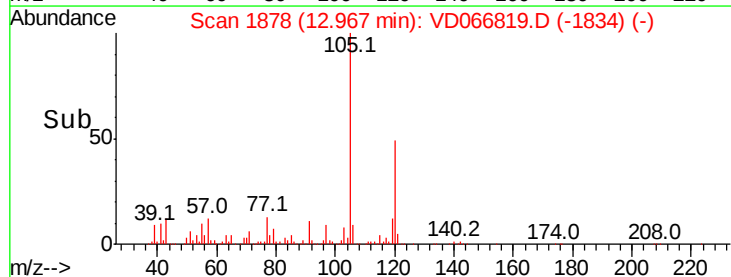
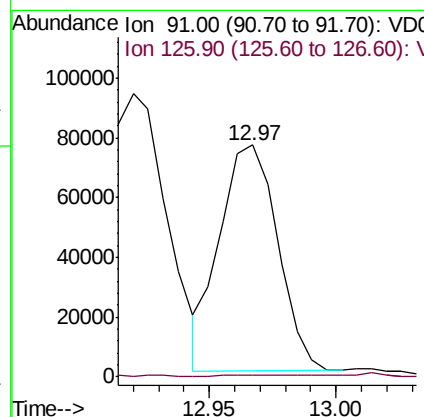
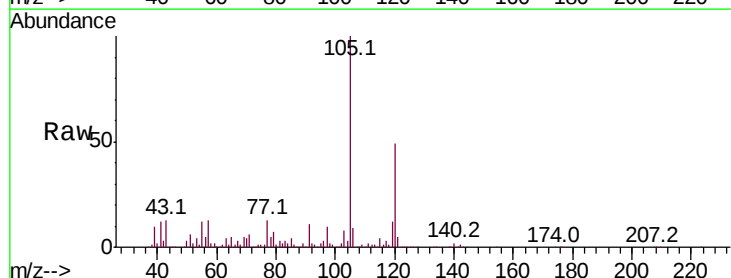
Delta R.T. -0.04 min

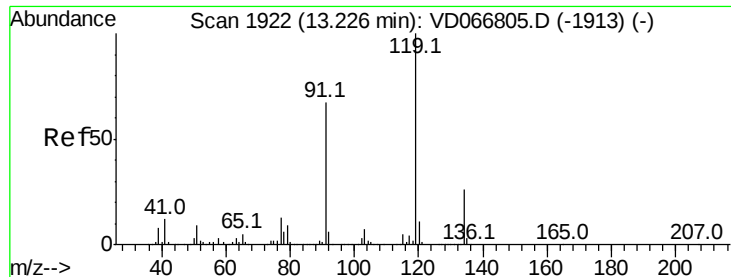
Lab File: VD066819.D

Acq: 22 Sep 2020 19:02

Tgt Ion: 91 Resp: 120314

Ion	Ratio	Lower	Upper
91	100		
126	1.1	17.1	51.2#





#83

tert-Butylbenzene

Concen: 26.483 ug/l

RT: 13.27 min Scan# 1930

Delta R.T. 0.05 min

Lab File: VD066819.D

Acq: 22 Sep 2020 19:02

Instrument :

MSVOA_D

ClientSampleId :

JA-DRUM-COMP

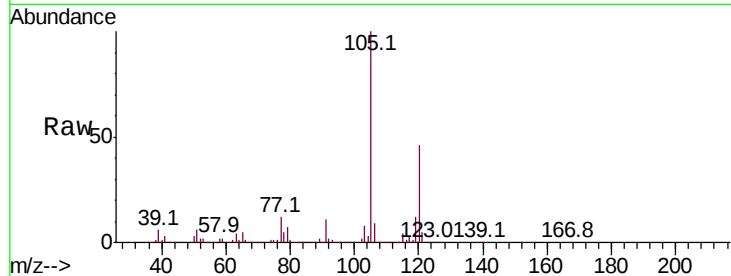
Tot Ion:119 Resp: 394890

Ion Ratio Lower Upper

119 100

91 88.3 33.6 100.8

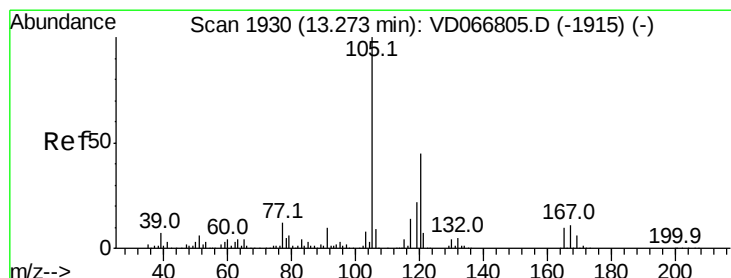
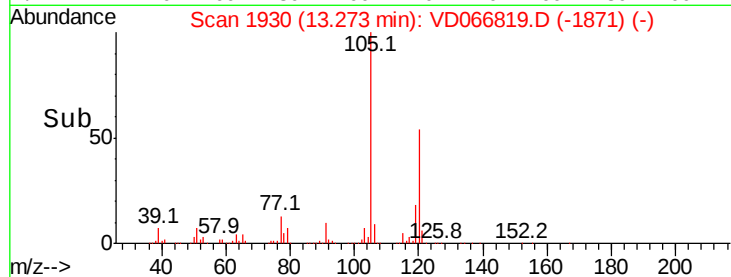
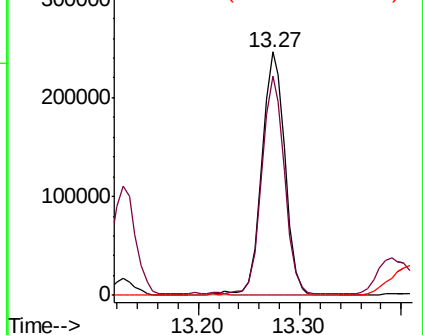
134 0.0 13.5 40.4#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 176.251 ug/l

RT: 13.27 min Scan# 1930

Delta R.T. 0.00 min

Lab File: VD066819.D

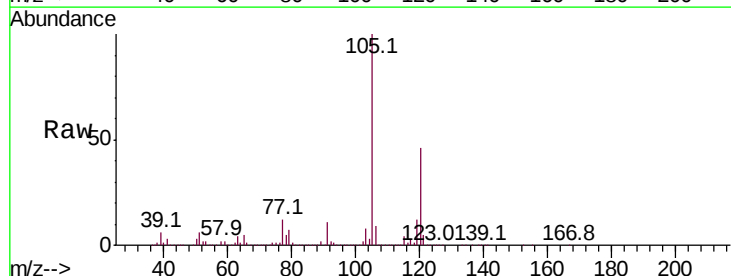
Acq: 22 Sep 2020 19:02

Tgt Ion:105 Resp: 3171387

Ion Ratio Lower Upper

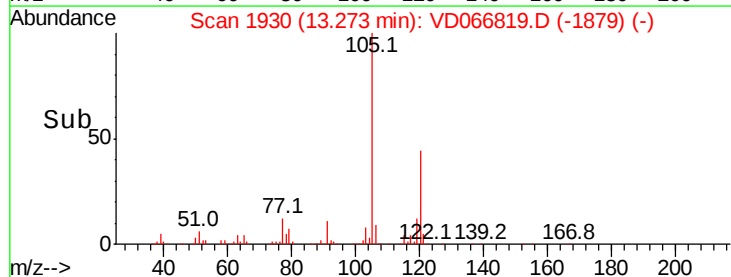
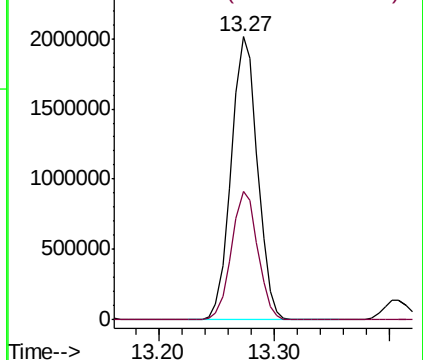
105 100

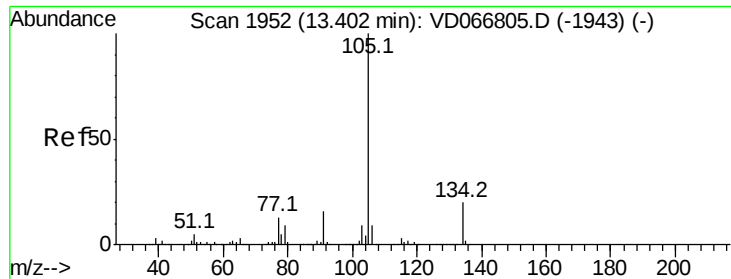
120 45.6 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 10.632 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.01 min

Lab File: VD066819.D

Acq: 22 Sep 2020 19:02

Instrument :

MSVOA_D

ClientSampleId :

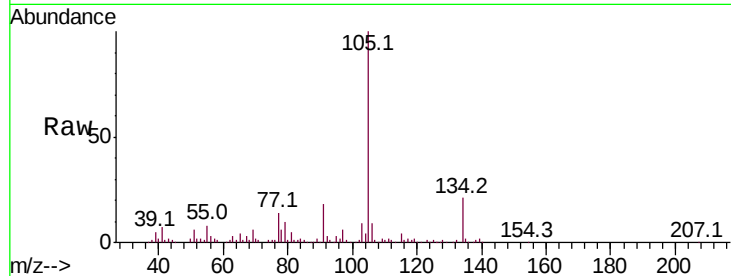
JA-DRUM-COMP

Tot Ion:105 Resp: 227969

Ion Ratio Lower Upper

105 100

134 26.9 10.2 30.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

150000

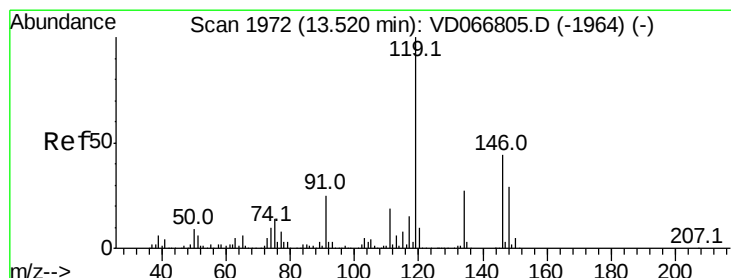
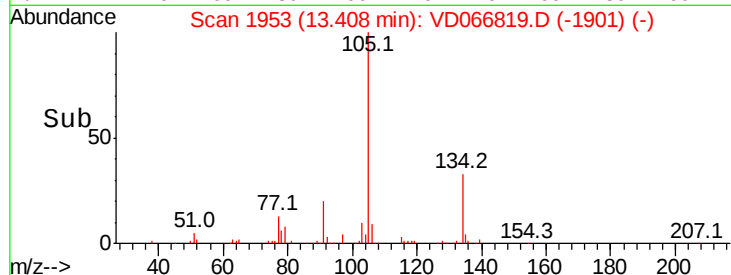
100000

50000

0

13.35 13.40 13.45

Time-->



#86

p-Isopropyltoluene

Concen: 5.575 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066819.D

Acq: 22 Sep 2020 19:02

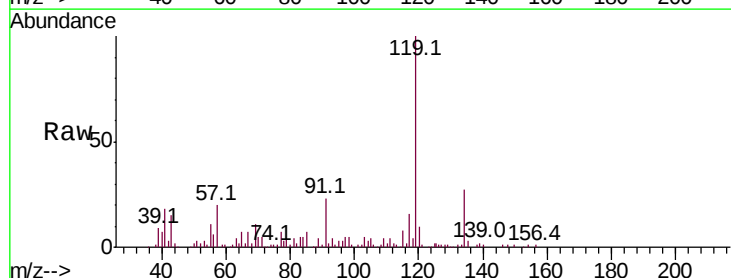
Tgt Ion:119 Resp: 107743

Ion Ratio Lower Upper

119 100

134 25.4 13.0 38.9

91 24.8 12.0 36.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

150000

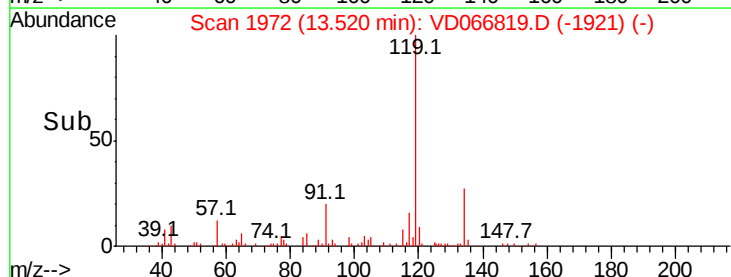
100000

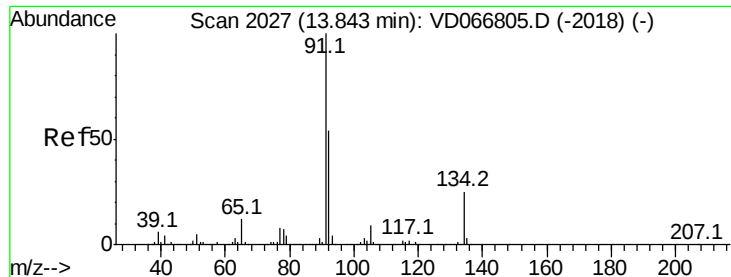
50000

0

13.50 13.52 13.55

Time-->

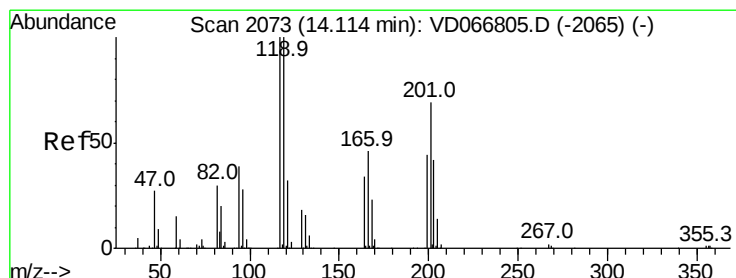
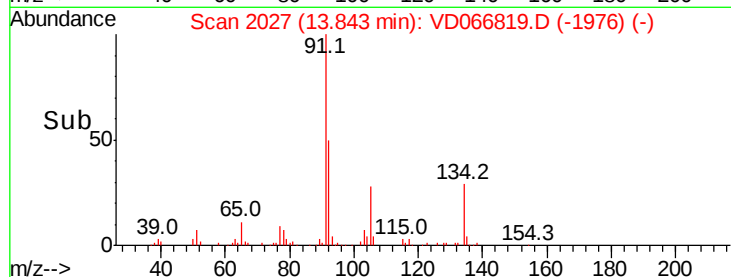
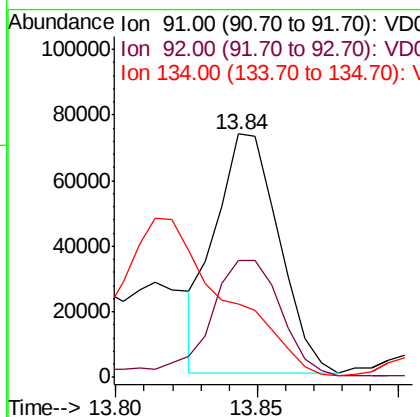
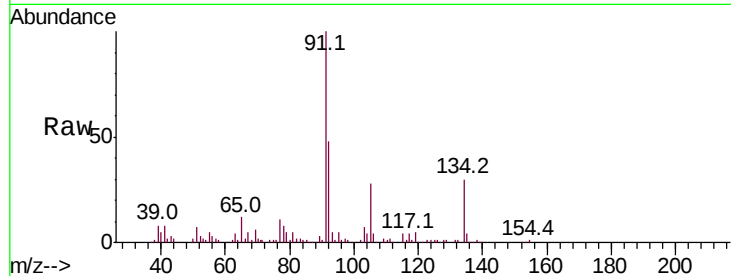




#89
n-Butylbenzene
Concen: 6.250 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. 0.00 min
Lab File: VD066819.D
Acq: 22 Sep 2020 19:02

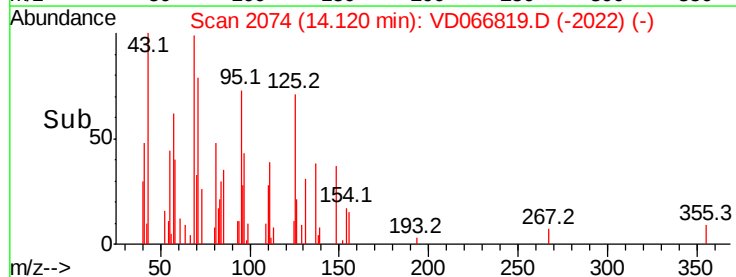
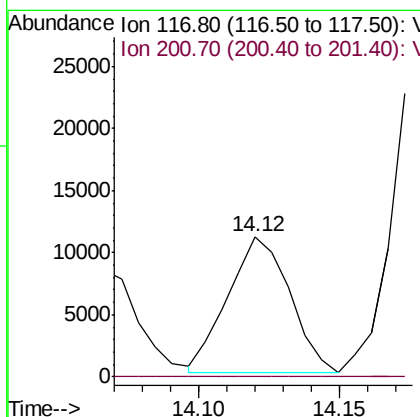
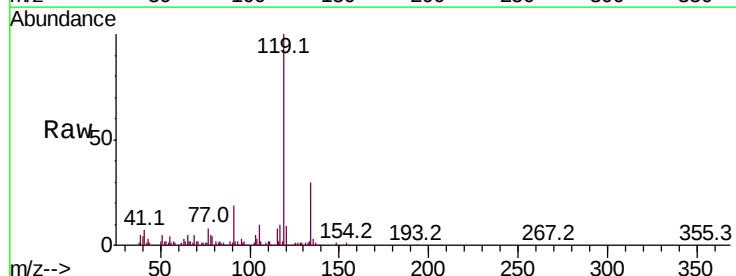
Instrument :
MSVOA_D
ClientSampleId :
JA-DRUM-COMP

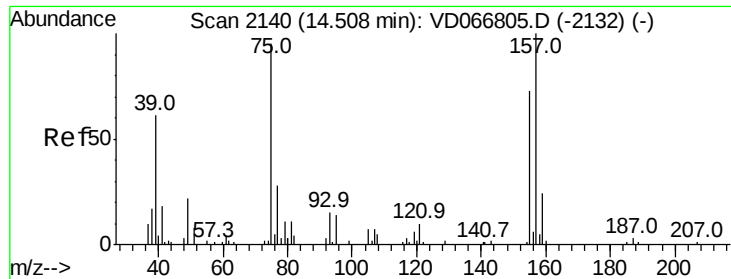
Tot Ion: 91 Resp: 114813
Ion Ratio Lower Upper
91 100
92 53.5 26.7 80.0
134 0.0 13.1 39.1#



#90
Hexachloroethane
Concen: 4.248 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.01 min
Lab File: VD066819.D
Acq: 22 Sep 2020 19:02

Tgt Ion: 117 Resp: 16669
Ion Ratio Lower Upper
117 100
201 0.0 33.7 101.0#





#92

1,2-Dibromo-3-Chloropropane

Concen: 2.879 ug/l

RT: 14.48 min Scan# 2136

Delta R.T. -0.02 min

Lab File: VD066819.D

Acq: 22 Sep 2020 19:02

Instrument :

MSVOA_D

ClientSampleId :

JA-DRUM-COMP

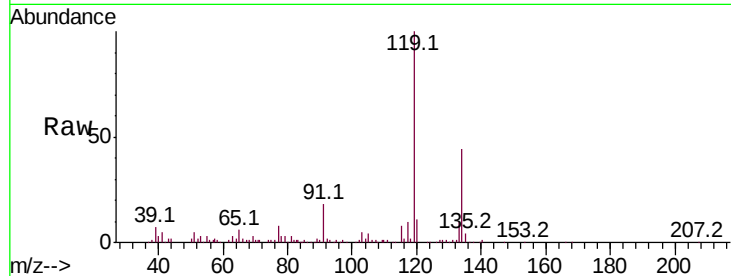
Tot Ion: 75 Resp: 1709

Ion Ratio Lower Upper

75 100

155 0.0 40.4 121.2#

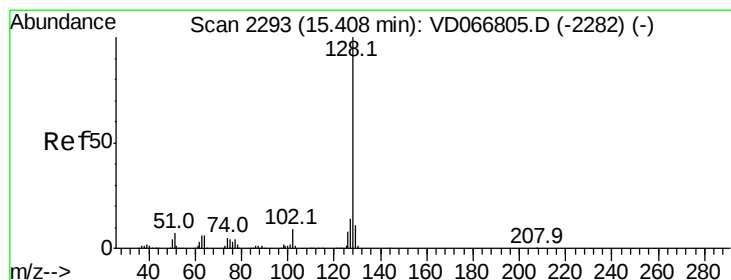
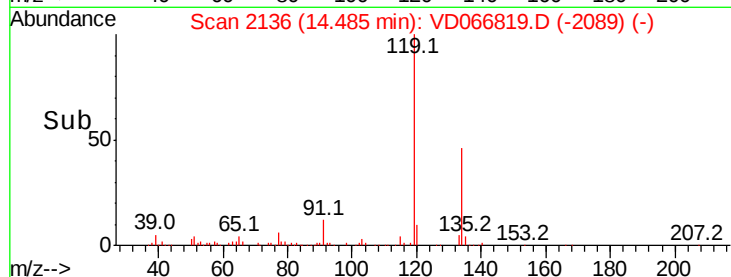
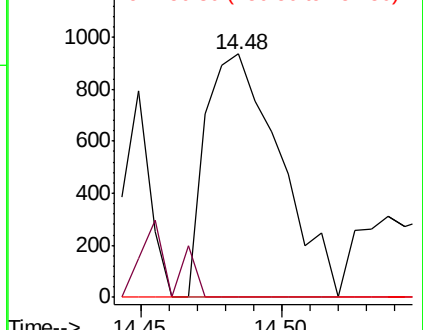
157 0.0 51.3 153.9#



Abundance Ion 74.90 (74.60 to 75.60): VD066819.D (-2089) (-)

Ion 154.80 (154.50 to 155.50): VD066819.D (-2089) (-)

Ion 156.80 (156.50 to 157.50): VD066819.D (-2089) (-)



#95

Naphthalene

Concen: 18.708 ug/l

RT: 15.40 min Scan# 2292

Delta R.T. -0.01 min

Lab File: VD066819.D

Acq: 22 Sep 2020 19:02

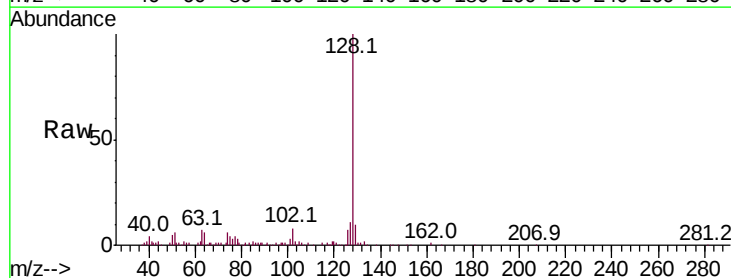
Tgt Ion: 128 Resp: 169027

Ion Ratio Lower Upper

128 100

127 14.0 10.6 16.0

129 10.4 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): VD066819.D (-2242) (-)

Ion 127.00 (126.70 to 127.70): VD066819.D (-2242) (-)

Ion 129.00 (128.70 to 129.70): VD066819.D (-2242) (-)

