

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032620\
 Data File : VD065527.D
 Acq On : 26 Mar 2020 16:06
 Operator : VA/SY
 Sample : VSTDIC010
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Manual Integrations
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apatel
 3/27/2020 10:12:14 AM

Quant Time: Mar 27 01:42:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 01:12:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	521893	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	783817	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	719188	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	361039	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	41571	9.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	18.70%	
35) Dibromofluoromethane	7.92	113	44605	9.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	18.50%	
50) Toluene-d8	10.34	98	163040	8.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	17.68%	
62) 4-Bromofluorobenzene	12.64	95	50739	8.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	17.76%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.99	85	38681	9.112	ug/l	100
3) Chloromethane	2.21	50	50210	9.572	ug/l	100
4) Vinyl Chloride	2.35	62	50733	9.772	ug/l	100
5) Bromomethane	2.77	94	37555	11.085	ug/l	99
6) Chloroethane	2.93	64	32358	10.085	ug/l	97
7) Trichlorofluoromethane	3.27	101	75912	9.855	ug/l	95
8) Diethyl Ether	3.70	74	22628	9.755	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	4.08	101	48358	9.679	ug/l	96
10) Methyl Iodide	4.29	142	50111	9.543	ug/l	99
11) Tert butyl alcohol	5.26	59	12858	50.413	ug/l #	87
12) 1,1-Dichloroethene	4.06	96	45913	9.626	ug/l	87
13) Acrolein	3.93	56	18885	42.240	ug/l	96
14) Allyl chloride	4.71	41	67048	9.179	ug/l	98
15) Acrylonitrile	5.43	53	43429	43.289	ug/l	99
16) Acetone	4.17	43	42774	47.877	ug/l	98
17) Carbon Disulfide	4.40	76	154007	9.732	ug/l	98
18) Methyl Acetate	4.73	43	20027	8.809	ug/l #	72
19) Methyl tert-butyl Ether	5.48	73	80566	8.715	ug/l	93
20) Methylene Chloride	4.97	84	73467	13.192	ug/l	94
21) trans-1,2-Dichloroethene	5.47	96	51965	9.774	ug/l	93
22) Diisopropyl ether	6.37	45	126395	9.231	ug/l	95
23) Vinyl Acetate	6.31	43	317995	41.895	ug/l	99
24) 1,1-Dichloroethane	6.27	63	85067	9.723	ug/l	98
25) 2-Butanone	7.23	43	51732	42.438	ug/l	98
26) 2,2-Dichloropropane	7.21	77	75245	9.786	ug/l	98
27) cis-1,2-Dichloroethene	7.22	96	52800	9.698	ug/l	99
28) Bromochloromethane	7.55	49	35135	9.931	ug/l	100
29) Tetrahydrofuran	7.57	42	32687	41.998	ug/l	96
30) Chloroform	7.71	83	87924	10.012	ug/l	98
31) Cyclohexane	7.99	56	83478	9.580	ug/l #	94
32) 1,1,1-Trichloroethane	7.90	97	77661	9.585	ug/l	97
36) 1,1-Dichloropropene	8.11	75	68501	9.254	ug/l	100
37) Ethyl Acetate	7.30	43	26315	9.141	ug/l	100
38) Carbon Tetrachloride	8.10	117	73571	9.553	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	75593	8.492	ug/l	96
40) Benzene	8.36	78	198013	9.548	ug/l	98
41) Methacrylonitrile	7.54	41	12430	7.973	ug/l #	39
42) 1,2-Dichloroethane	8.43	62	53423	9.802	ug/l	98
43) Isopropyl Acetate	8.46	43	44787	8.450	ug/l	98
44) Trichloroethene	9.11	130	57589	9.808	ug/l	100
45) 1,2-Dichloropropane	9.39	63	47717	9.481	ug/l	95
46) Dibromomethane	9.48	93	25013	9.567	ug/l	99
47) Bromodichloromethane	9.66	83	67045	9.854	ug/l	94
48) Methyl methacrylate	9.46	41	19381	7.745	ug/l	99
49) 1,4-Dioxane	9.47	88	4834	160.593	ug/l #	95
51) 4-Methyl-2-Pentanone	10.23	43	110525	41.302	ug/l	100
52) Toluene	10.41	92	121115	9.254	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	56997	8.955	ug/l	97
54) cis-1,3-Dichloropropene	10.10	75	71958	9.349	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	35765	9.605	ug/l	97
56) Ethyl methacrylate	10.67	69	32546	7.764	ug/l	94
57) 1,3-Dichloropropane	10.95	76	58966	9.370	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.95	63	83940	54.786	ug/l	99
59) 2-Hexanone	10.99	43	75168	40.692	ug/l	93
60) Dibromochloromethane	11.14	129	46798	9.786	ug/l	98
61) 1,2-Dibromoethane	11.25	107	34053	9.552	ug/l	98
64) Tetrachloroethene	10.88	164	51275	10.011	ug/l	86
65) Chlorobenzene	11.67	112	138420	9.799	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.75	131	49587	9.584	ug/l	100
67) Ethyl Benzene	11.75	91	216405	8.899	ug/l	98
68) m/p-Xylenes	11.86	106	172553	18.385	ug/l	99
69) o-Xylene	12.18	106	73638	8.915	ug/l	97
70) Styrene	12.20	104	128560	8.813	ug/l	100
71) Bromoform	12.37	173	27554	9.460	ug/l #	99
73) Isopropylbenzene	12.48	105	199451	8.573	ug/l	99
74) N-amyl acetate	12.30	43	36682	7.693	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	37649	9.160	ug/l	97
76) 1,2,3-Trichloropropane	12.79	75	28112m	9.793	ug/l	
77) Bromobenzene	12.77	156	54591	9.349	ug/l	99
78) n-propylbenzene	12.83	91	238410	8.607	ug/l	100
79) 2-Chlorotoluene	12.91	91	141118	9.020	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	165913	8.668	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.54	75	11005	8.265	ug/l	93
82) 4-Chlorotoluene	13.01	91	152869	9.307	ug/l	100
83) tert-Butylbenzene	13.23	119	134120	8.264	ug/l	98
84) 1,2,4-Trimethylbenzene	13.28	105	166301	8.791	ug/l	100
85) sec-Butylbenzene	13.41	105	199315	8.638	ug/l	100
86) p-Isopropyltoluene	13.53	119	182564	8.661	ug/l	98
87) 1,3-Dichlorobenzene	13.53	146	108387	9.651	ug/l	99
88) 1,4-Dichlorobenzene	13.61	146	109313	9.778	ug/l	97
89) n-Butylbenzene	13.85	91	163727	8.437	ug/l	98
90) Hexachloroethane	14.13	117	41215	9.486	ug/l	95
91) 1,2-Dichlorobenzene	13.90	146	89136	9.326	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	5741	9.140	ug/l	96

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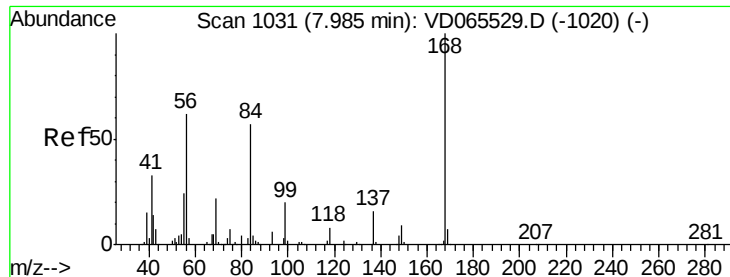
Manual Integrations
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3/27/2020 10:12:14 AM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	57395	8.845	ug/l	99
94) Hexachlorobutadiene	15.28	225	40828	9.636	ug/l	100
95) Naphthalene	15.41	128	76398	7.387	ug/l	98
96) 1,2,3-Trichlorobenzene	15.61	180	48690	8.686	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065527.D

Acq: 26 Mar 2020 16:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tot Ion:168 Resp: 521893

Ion Ratio Lower Upper

168 100

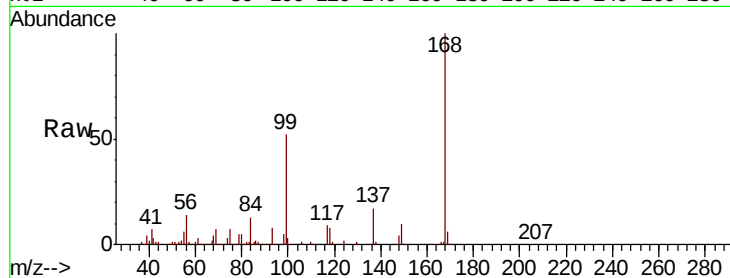
99 51.9 39.1 58.7

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

250000

200000

150000

100000

50000

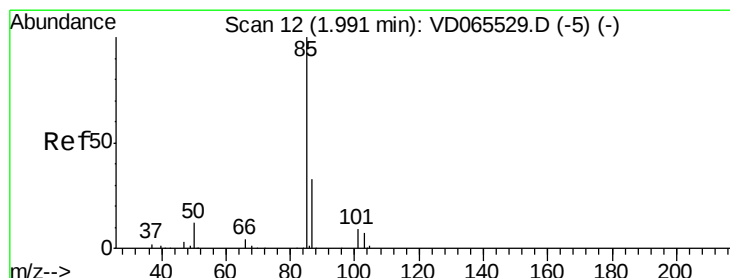
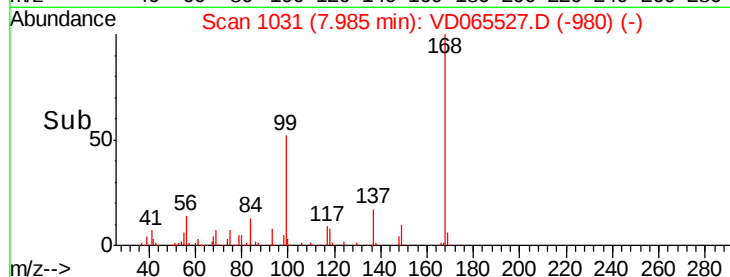
0

7.90

8.00

8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 9.112 ug/l

RT: 1.99 min Scan# 12

Delta R.T. -0.00 min

Lab File: VD065527.D

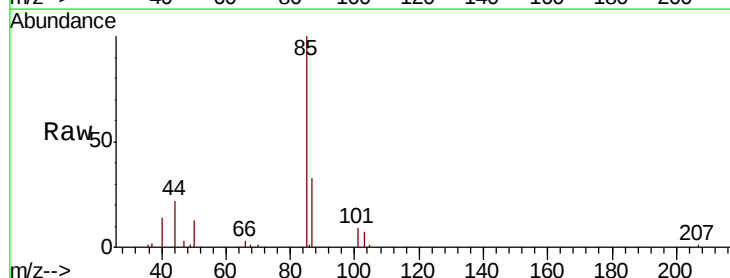
Acq: 26 Mar 2020 16:06

Tgt Ion: 85 Resp: 38681

Ion Ratio Lower Upper

85 100

87 32.8 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

30000

20000

10000

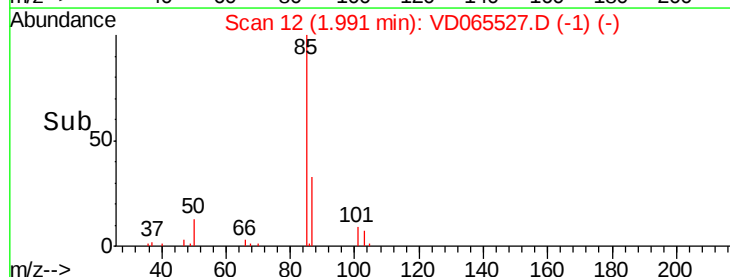
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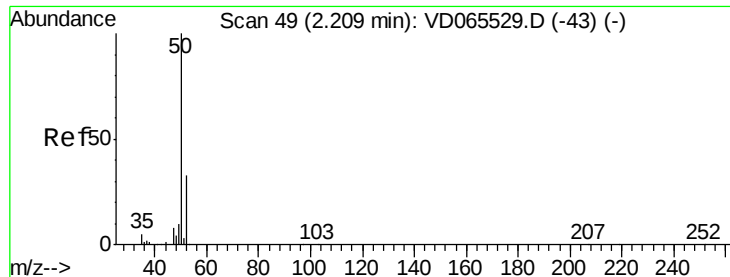
1.95

2.00

2.05

Time-->





#3

Chloromethane

Concen: 9.572 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD065527.D

Acq: 26 Mar 2020 16:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tot Ion: 50 Resp: 50210

Ion Ratio Lower Upper

50 100

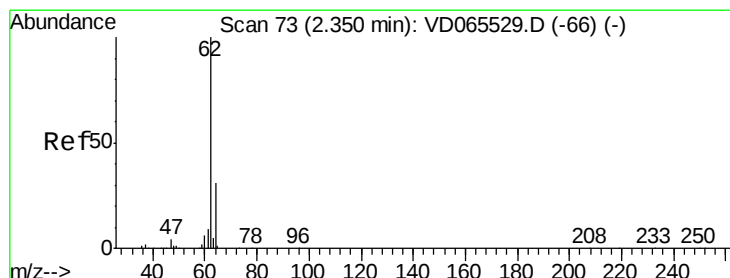
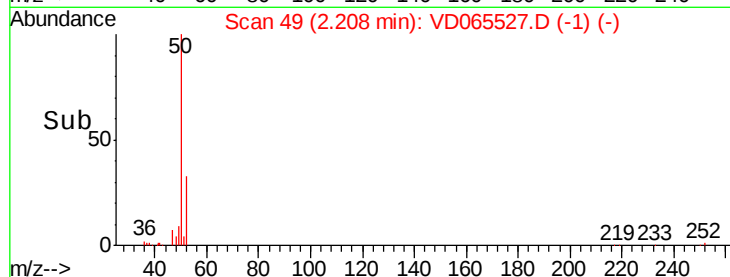
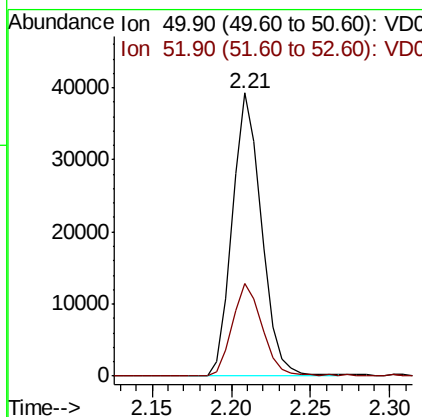
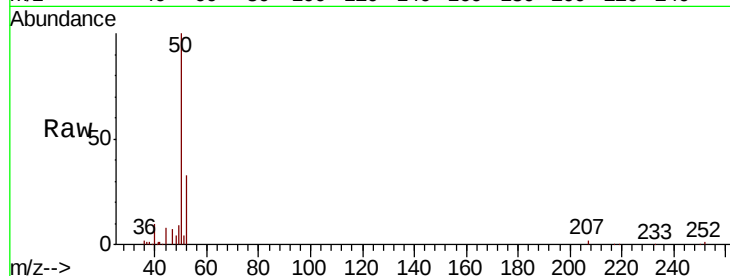
52 32.8 26.3 39.5

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#4

Vinyl Chloride

Concen: 9.772 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD065527.D

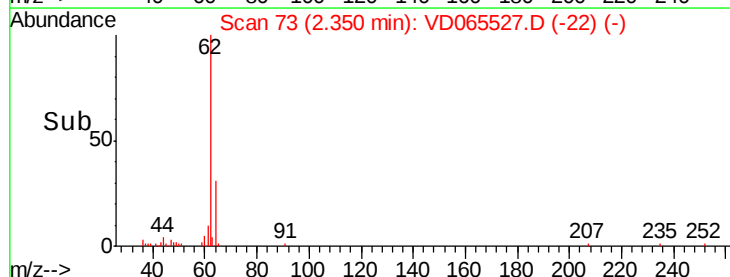
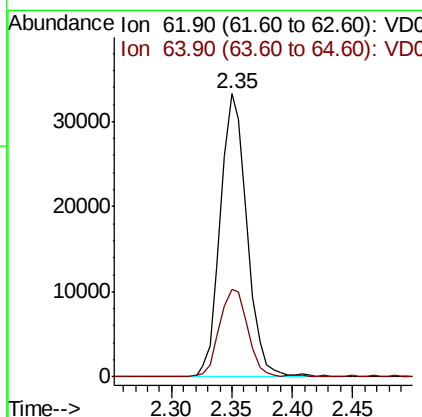
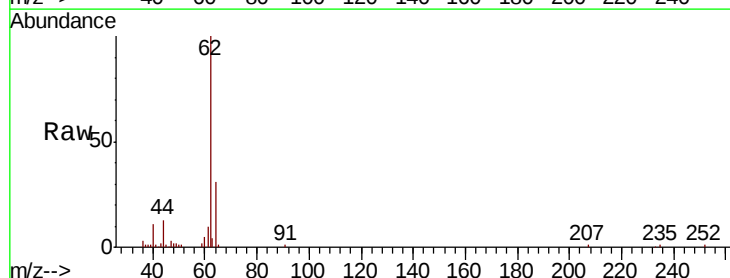
Acq: 26 Mar 2020 16:06

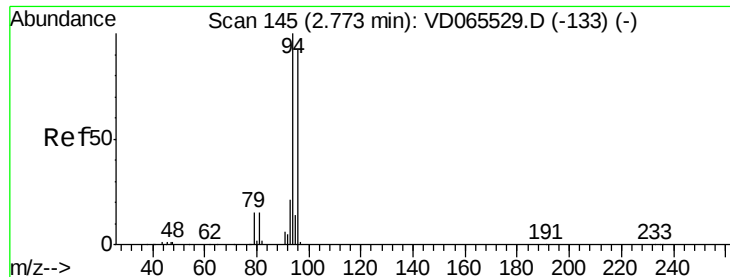
Tgt Ion: 62 Resp: 50733

Ion Ratio Lower Upper

62 100

64 30.9 24.8 37.2





#5

Bromomethane

Concen: 11.085 ug/l

RT: 2.77 min Scan# 145

Delta R.T. -0.00 min

Lab File: VD065527.D

Acq: 26 Mar 2020 16:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tot Ion: 94 Resp: 37555

Ion Ratio Lower Upper

94 100

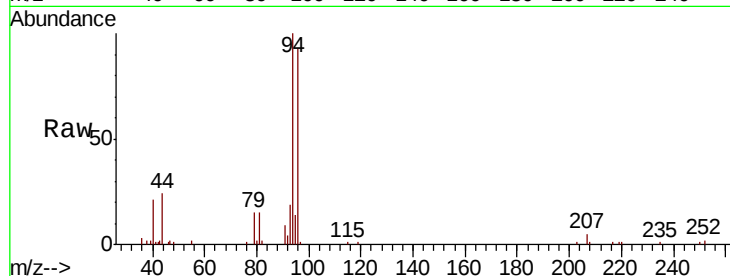
96 92.7 73.4 110.2

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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

20000

15000

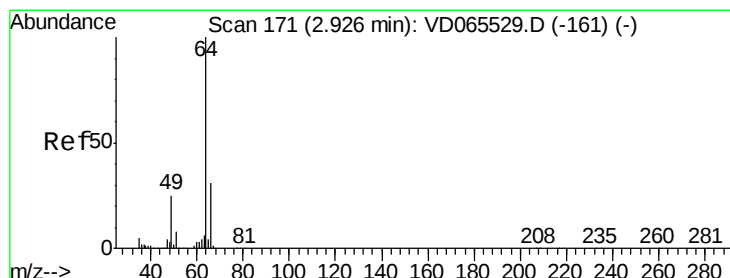
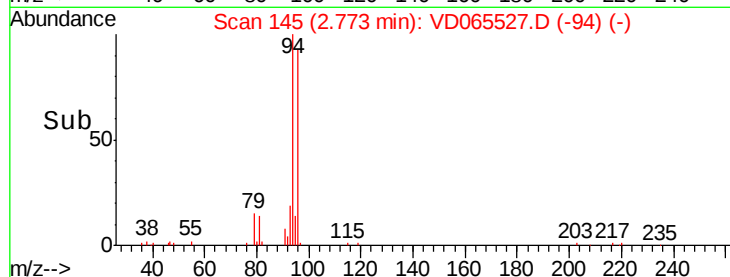
10000

5000

0

2.70 2.75 2.80 2.85

Time-->



#6

Chloroethane

Concen: 10.085 ug/l

RT: 2.93 min Scan# 171

Delta R.T. -0.00 min

Lab File: VD065527.D

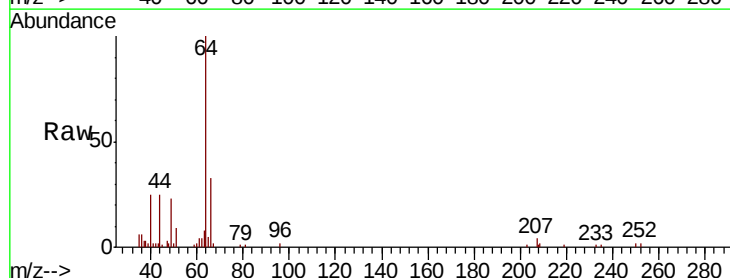
Acq: 26 Mar 2020 16:06

Tgt Ion: 64 Resp: 32358

Ion Ratio Lower Upper

64 100

66 33.2 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

15000

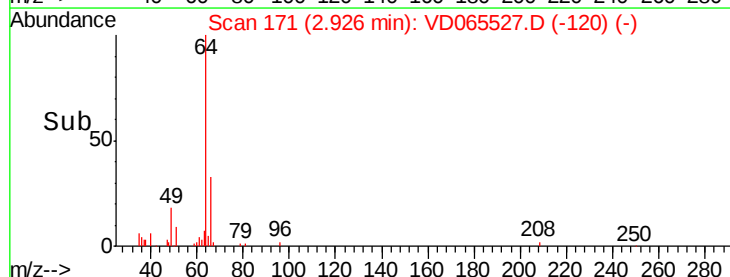
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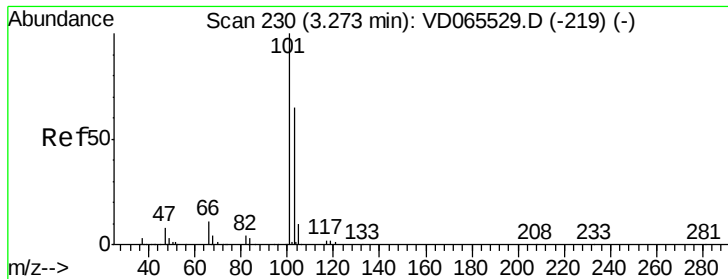
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0

2.85 2.90 2.95 3.00

Time-->





#7

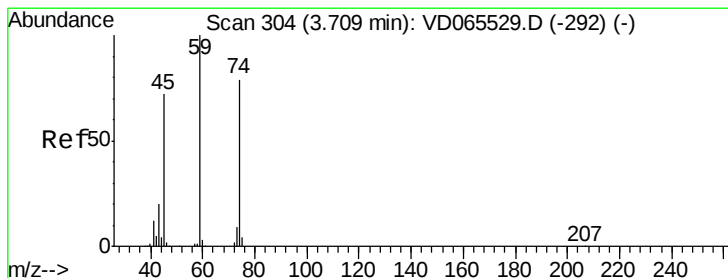
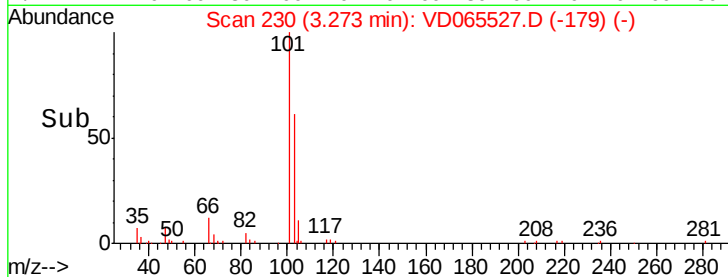
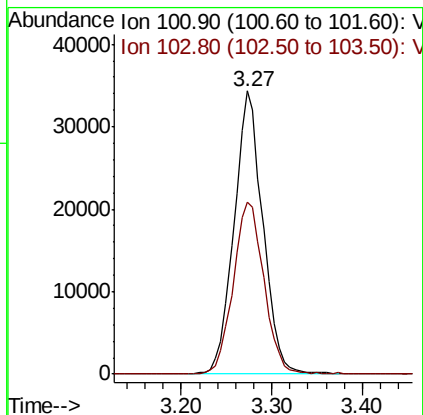
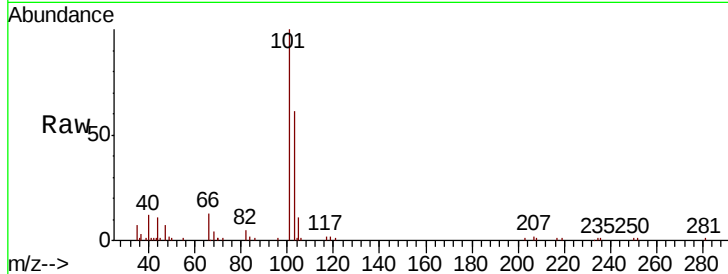
Trichlorofluoromethane
Concen: 9.855 ug/l
RT: 3.27 min Scan# 230
Delta R.T. -0.00 min
Lab File: VD065527.D
Acq: 26 Mar 2020 16:06

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	60.8	51.9	77.9

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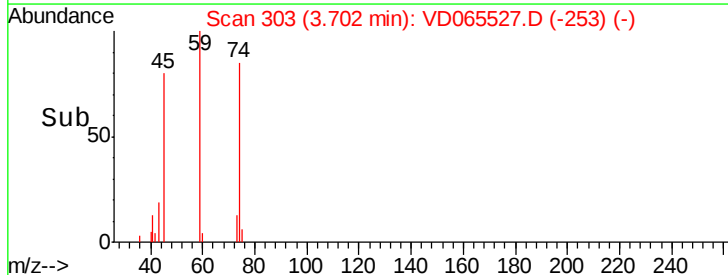
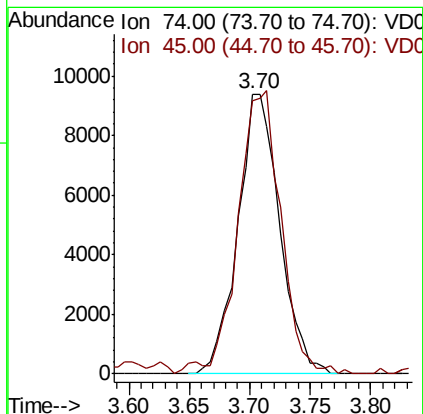
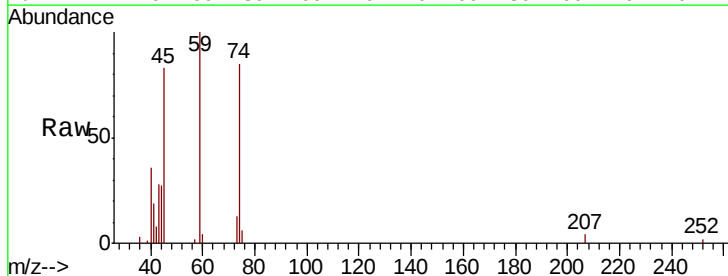
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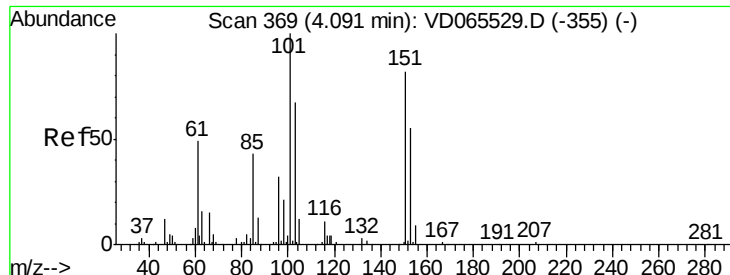


#8

Diethyl Ether
Concen: 9.755 ug/l
RT: 3.70 min Scan# 303
Delta R.T. -0.01 min
Lab File: VD065527.D
Acq: 26 Mar 2020 16:06

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.0	48.2	144.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 9.679 ug/l

RT: 4.08 min Scan# 368

Delta R.T. -0.01 min

Lab File: VD065527.D

Acq: 26 Mar 2020 16:06

Instrument :

MSVOA_D

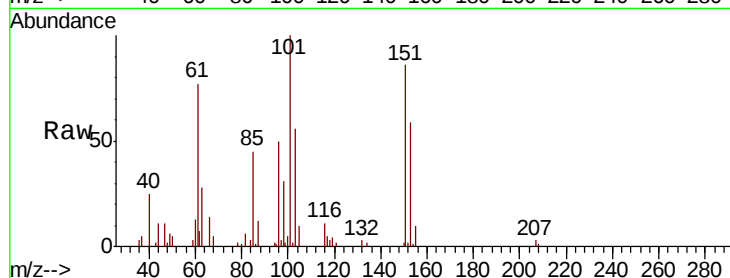
ClientSampleId :

VSTDIC010

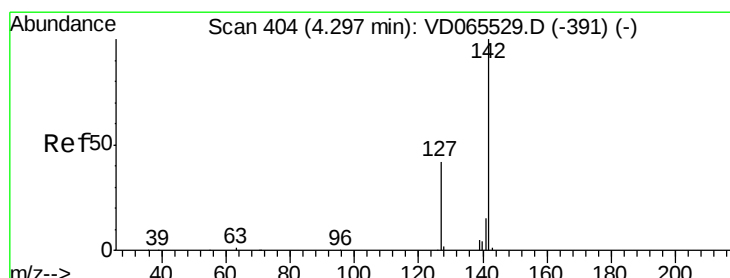
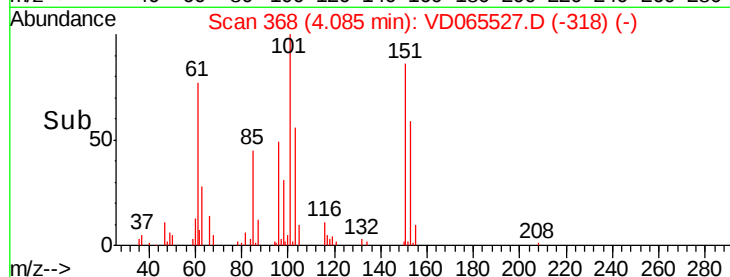
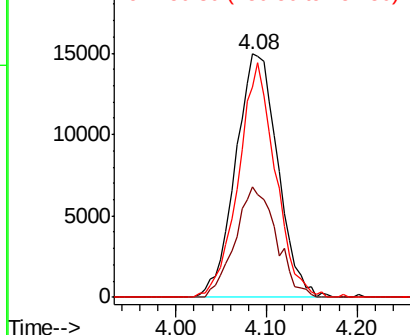
Tot Ion:	101	Resp:	48358
Ion Ratio	Lower	Upper	
101	100		
85	44.1	32.6	48.8
151	84.4	65.5	98.3

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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: 9.543 ug/l

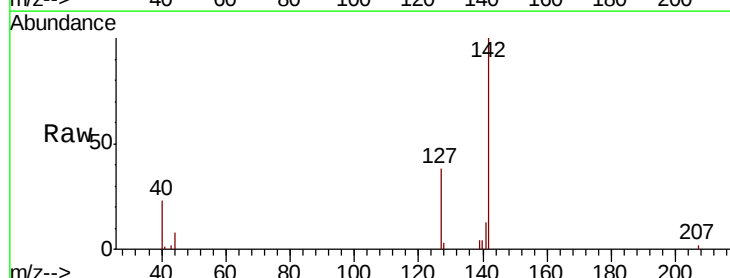
RT: 4.29 min Scan# 403

Delta R.T. -0.01 min

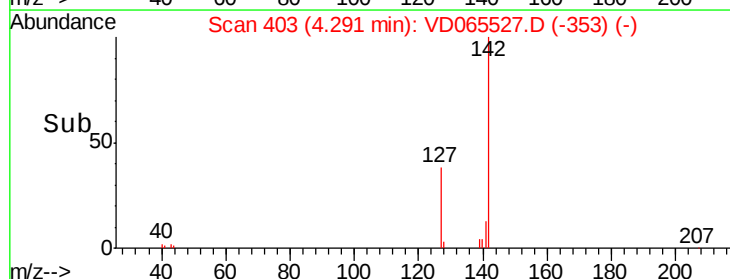
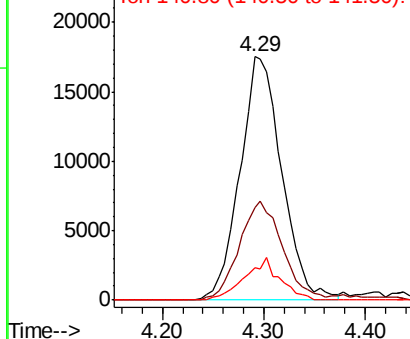
Lab File: VD065527.D

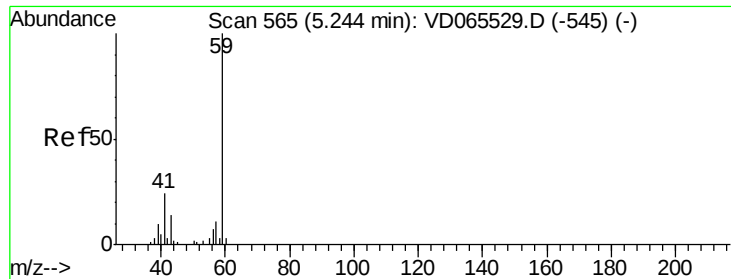
Acq: 26 Mar 2020 16:06

Tgt Ion:	142	Resp:	50111
Ion Ratio	Lower	Upper	
142	100		
127	41.7	33.9	50.9
141	14.5	11.6	17.4



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

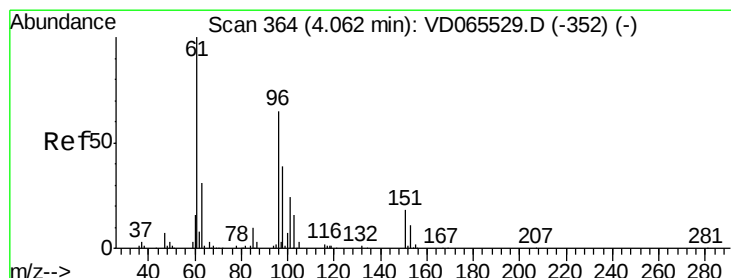
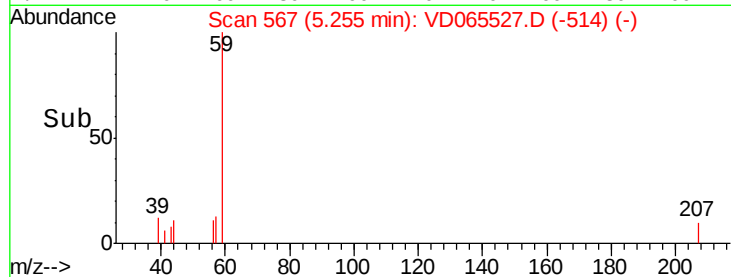
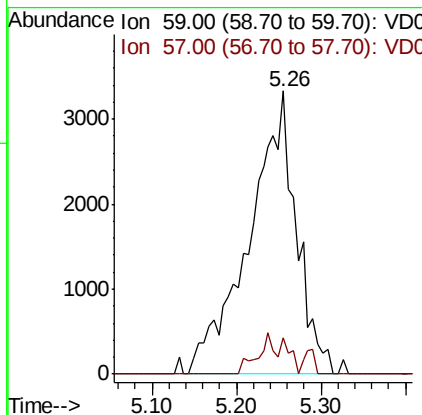
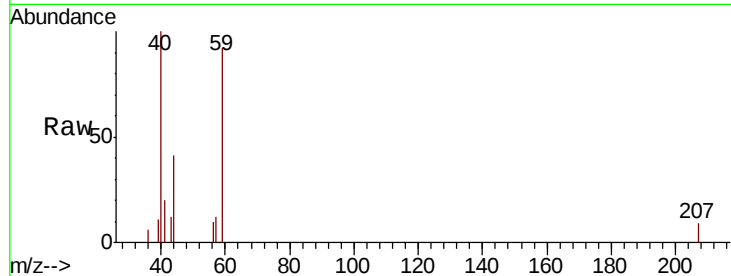
Tert butyl alcohol
Concen: 50.413 ug/l
RT: 5.26 min Scan# 567
Delta R.T. 0.01 min
Lab File: VD065527.D
Acq: 26 Mar 2020 16:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion: 59 Resp: 12858
Ion Ratio Lower Upper
59 100
57 5.3 8.1 12.1#

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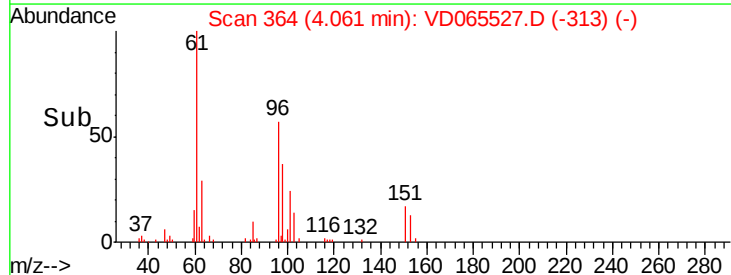
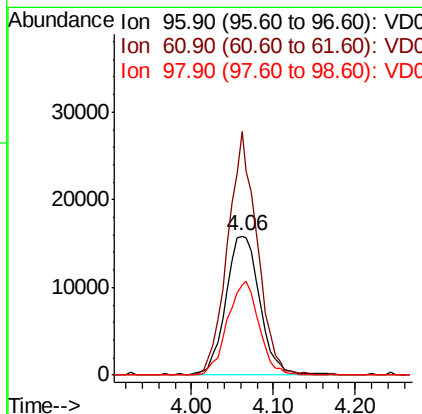
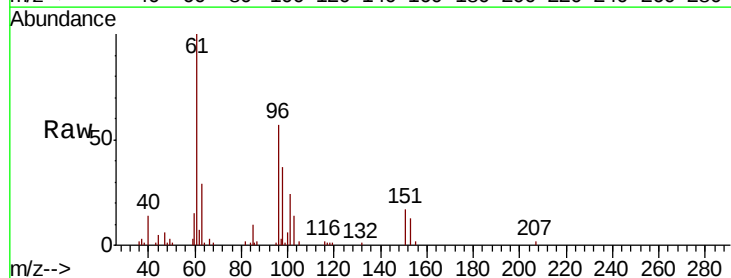
apatel
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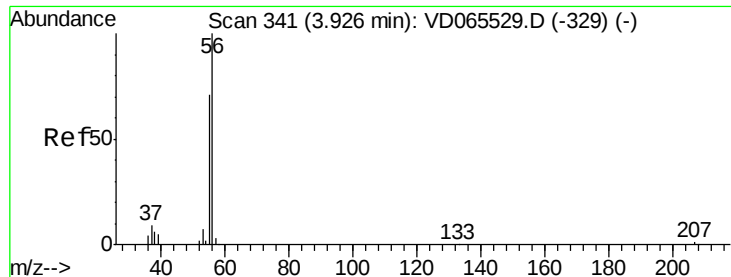


#12

1,1-Dichloroethene
Concen: 9.626 ug/l
RT: 4.06 min Scan# 364
Delta R.T. -0.00 min
Lab File: VD065527.D
Acq: 26 Mar 2020 16:06

Tgt Ion: 96 Resp: 45913
Ion Ratio Lower Upper
96 100
61 175.2 124.0 186.0
98 65.1 48.2 72.4





#13

Acrolein

Concen: 42.240 ug/l

RT: 3.93 min Scan# 342

Delta R.T. 0.01 min

Lab File: VD065527.D

Acq: 26 Mar 2020 16:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tot Ion: 56 Resp: 18885

Ion Ratio Lower Upper

56 100

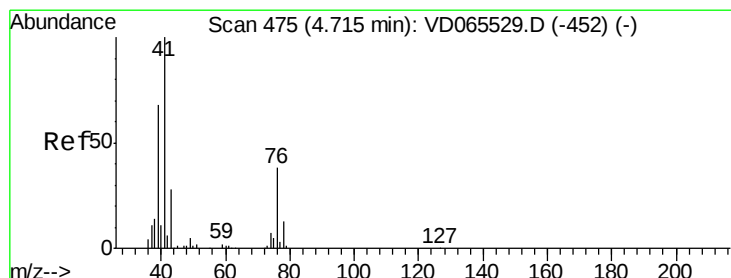
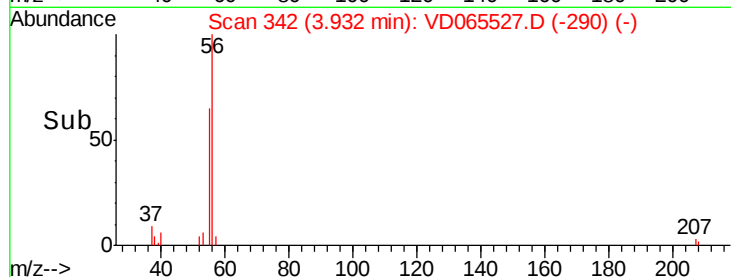
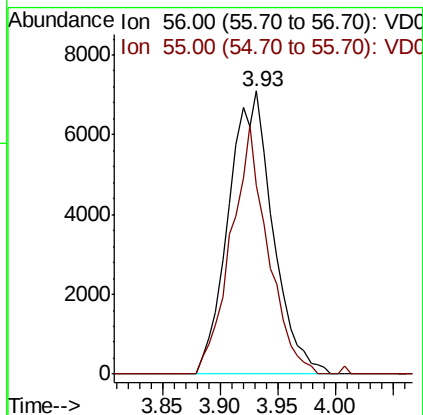
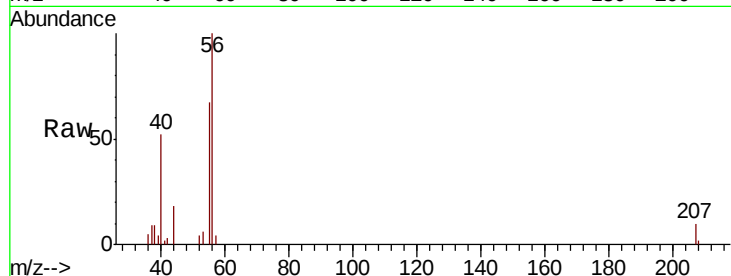
55 73.6 56.2 84.2

Manual Integrations

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#14

Allyl chloride

Concen: 9.179 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD065527.D

Acq: 26 Mar 2020 16:06

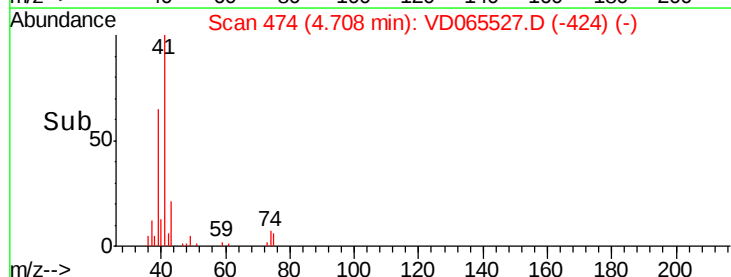
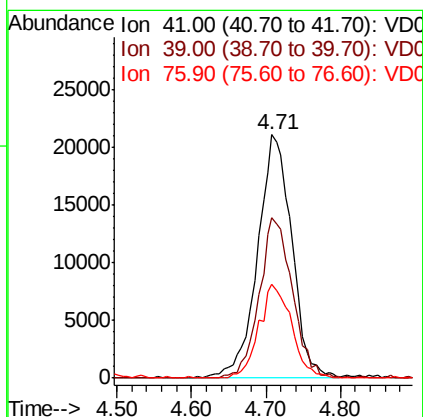
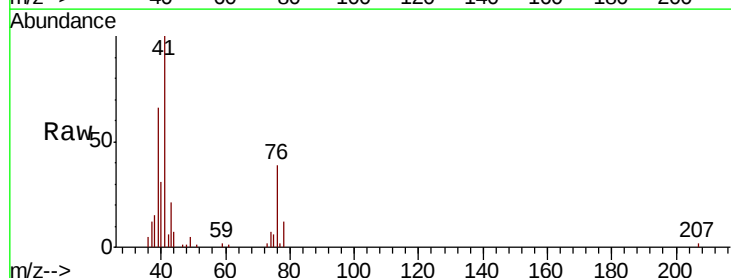
Tgt Ion: 41 Resp: 67048

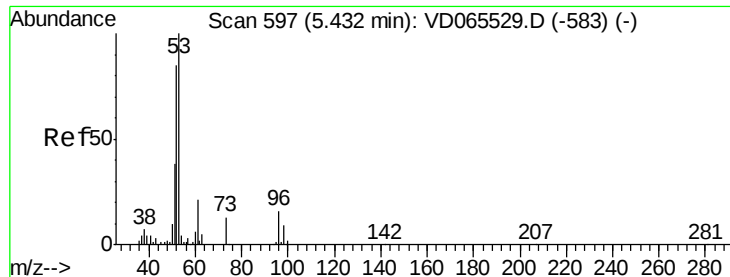
Ion Ratio Lower Upper

41 100

39 63.8 52.9 79.3

76 36.6 28.9 43.3





#15

Acrylonitrile

Concen: 43.289 ug/l

RT: 5.43 min Scan# 597

Delta R.T. -0.00 min

Lab File: VD065527.D

Acq: 26 Mar 2020 16:06

Instrument :

MSVOA_D

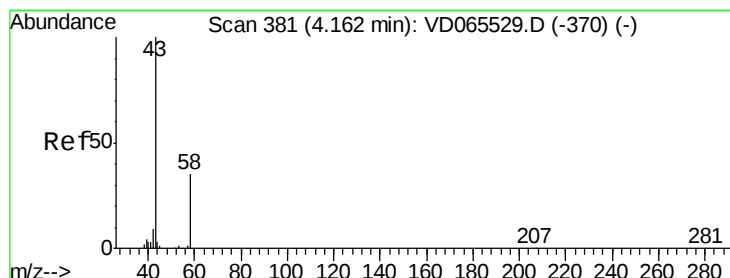
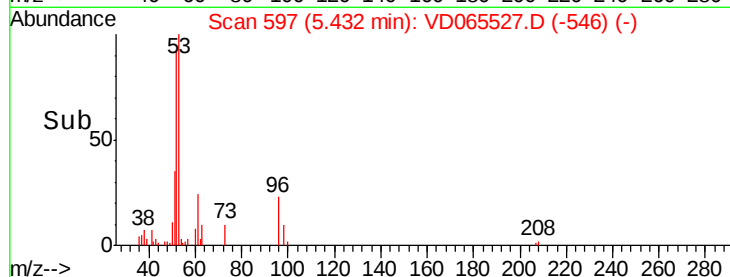
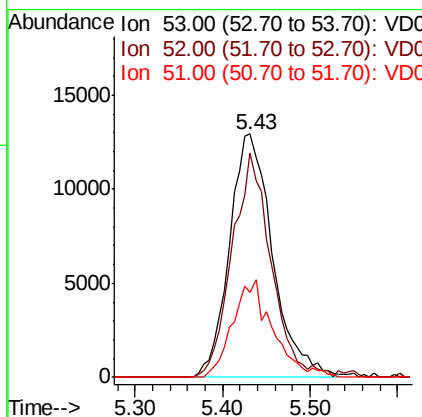
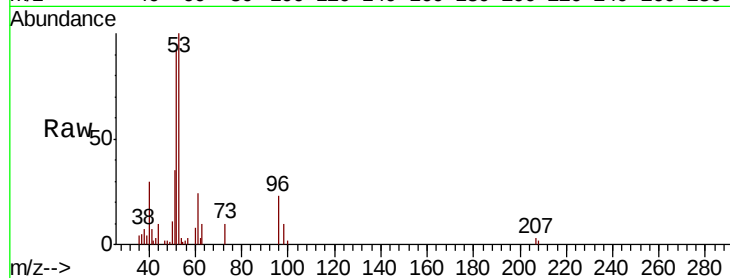
ClientSampleId :

VSTDIC010

Tot Ion:	53	Resp:	43429
Ion	Ratio	Lower	Upper
53	100		
52	83.1	65.8	98.6
51	36.0	29.7	44.5

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#16

Acetone

Concen: 47.877 ug/l

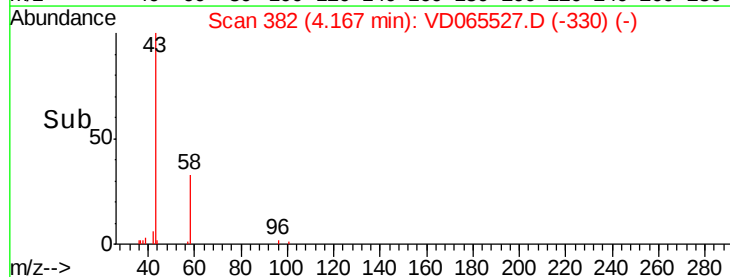
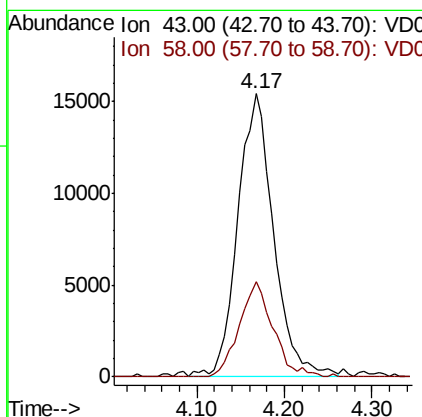
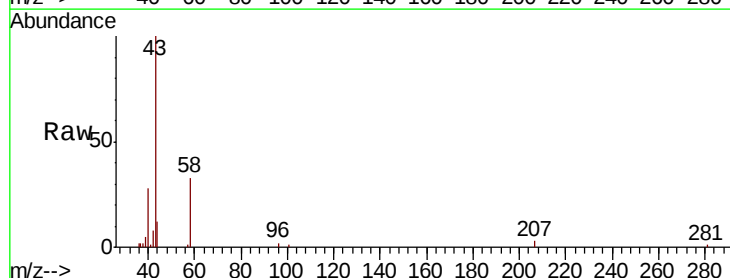
RT: 4.17 min Scan# 382

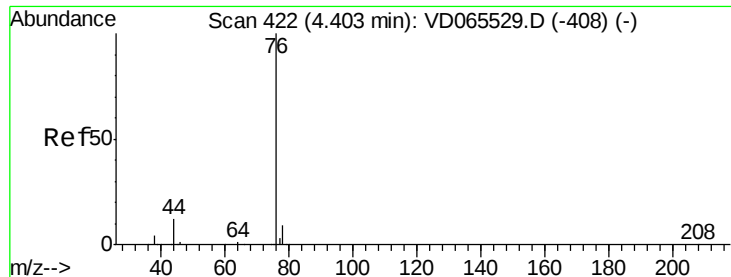
Delta R.T. 0.01 min

Lab File: VD065527.D

Acq: 26 Mar 2020 16:06

Tgt Ion:	43	Resp:	42774
Ion	Ratio	Lower	Upper
43	100		
58	33.5	27.9	41.9





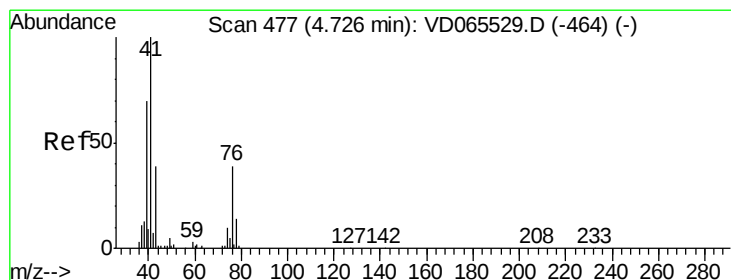
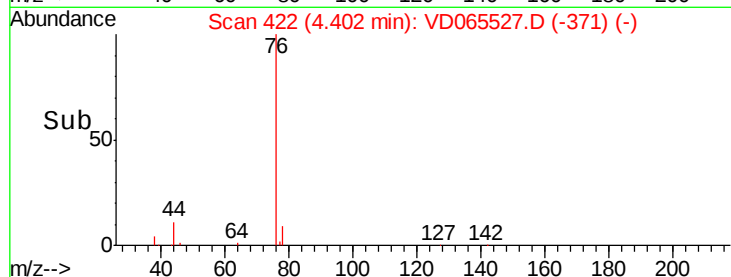
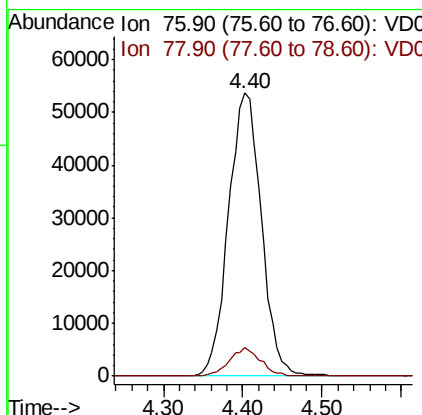
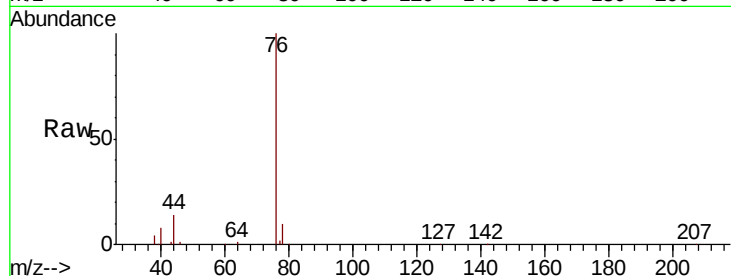
#17
Carbon Disulfide
Concen: 9.732 ug/l
RT: 4.40 min Scan# 422
Delta R.T. -0.00 min
Lab File: VD065527.D
Acq: 26 Mar 2020 16:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
76	100		
78	10.1	7.5	11.3

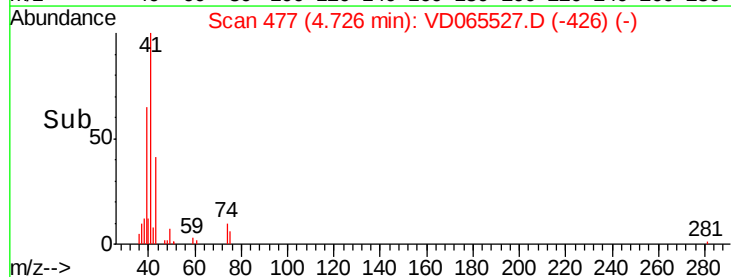
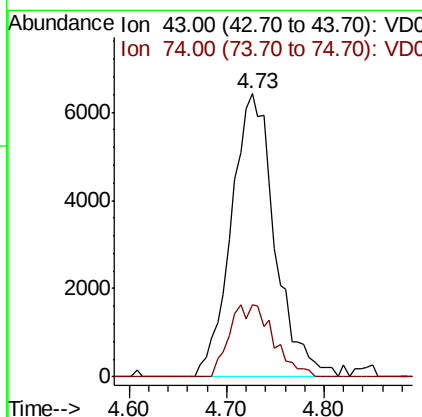
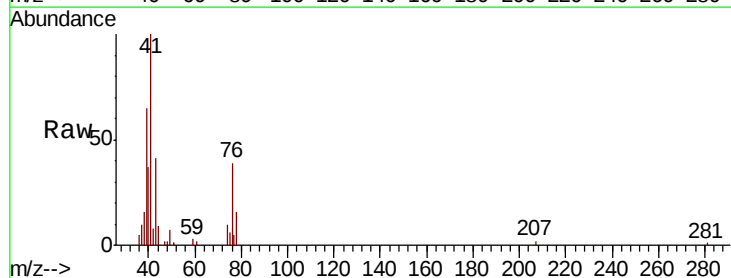
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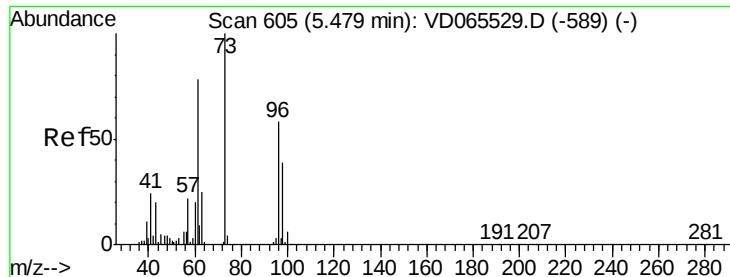
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#18
Methyl Acetate
Concen: 8.809 ug/l
RT: 4.73 min Scan# 477
Delta R.T. -0.00 min
Lab File: VD065527.D
Acq: 26 Mar 2020 16:06

Tgt Ion	Ratio	Lower	Upper
43	100		
74	11.1	20.1	30.1#





#19

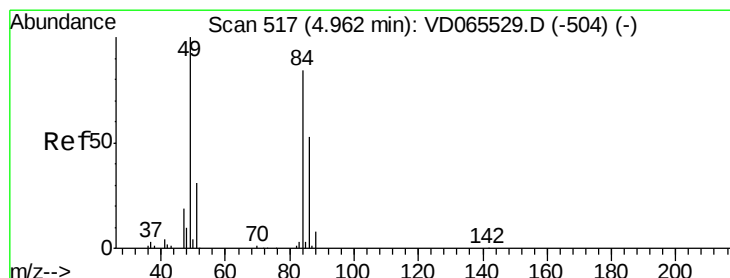
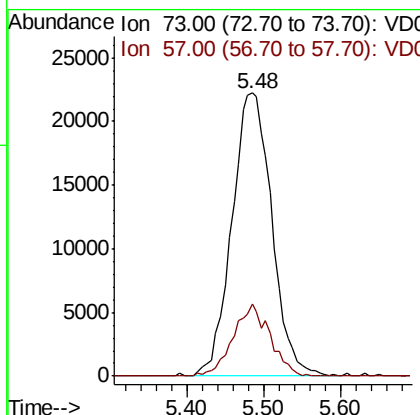
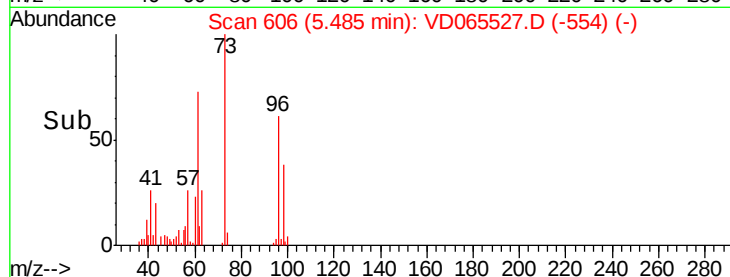
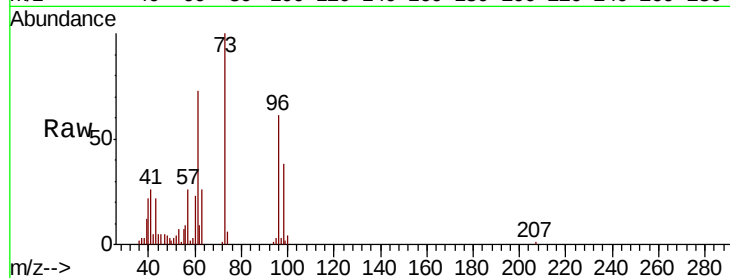
Methyl tert-butyl Ether
 Concen: 8.715 ug/l
 RT: 5.48 min Scan# 606
 Delta R.T. 0.01 min
 Lab File: VD065527.D
 Acq: 26 Mar 2020 16:06

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
73	100		
57	25.5	17.7	26.5

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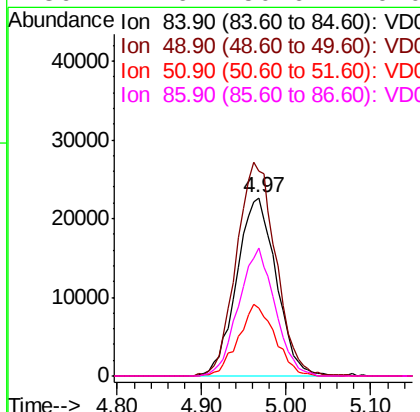
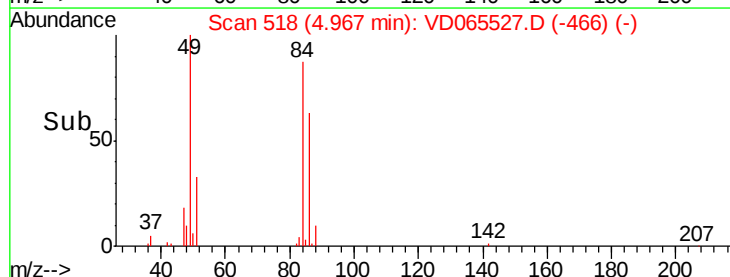
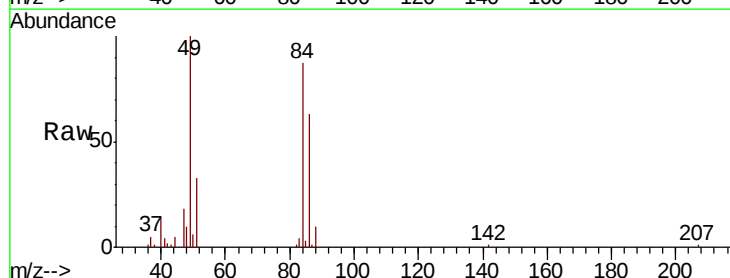
apatel
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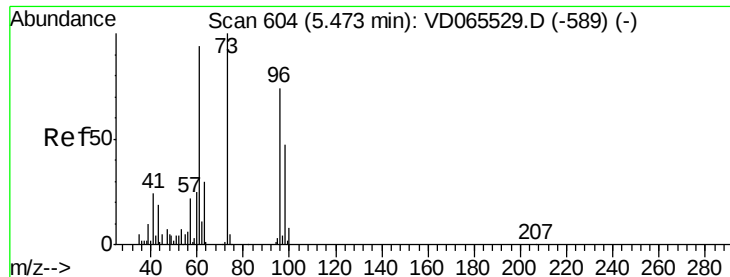


#20

Methylene Chloride
 Concen: 13.192 ug/l
 RT: 4.97 min Scan# 518
 Delta R.T. 0.01 min
 Lab File: VD065527.D
 Acq: 26 Mar 2020 16:06

Tgt Ion	Ratio	Lower	Upper
84	100		
49	114.5	95.6	143.4
51	38.0	29.4	44.2
86	71.6	50.6	76.0





#21

trans-1,2-Dichloroethene

Concen: 9.774 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.00 min

Lab File: VD065527.D

Acq: 26 Mar 2020 16:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tot Ion: 96 Resp: 51965

Ion Ratio Lower Upper

96 100

61 134.8 101.8 152.6

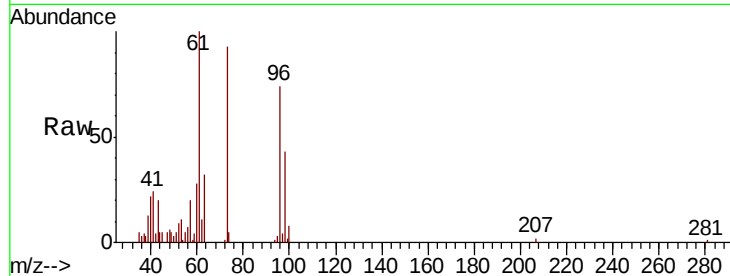
98 58.5 51.4 77.2

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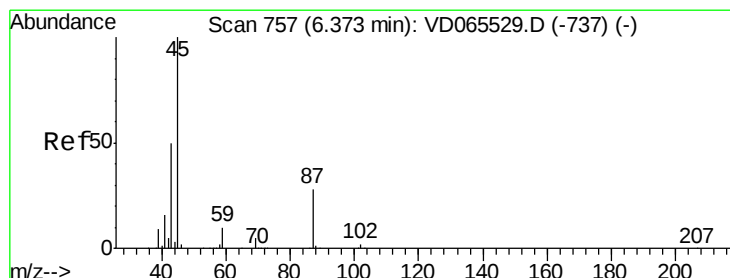
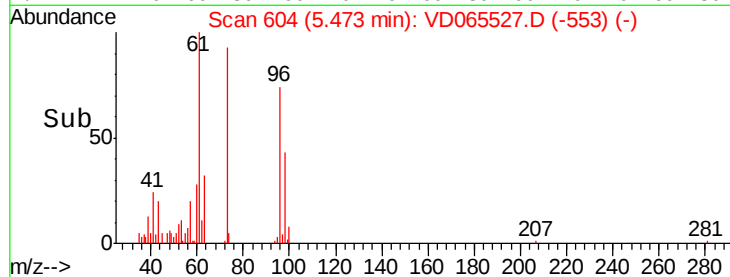
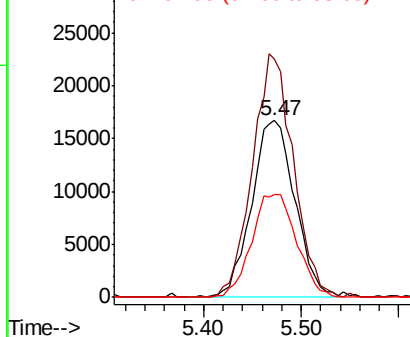


Abundance

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



#22

Diisopropyl ether

Concen: 9.231 ug/l

RT: 6.37 min Scan# 756

Delta R.T. -0.01 min

Lab File: VD065527.D

Acq: 26 Mar 2020 16:06

Tgt Ion: 45 Resp: 126395

Ion Ratio Lower Upper

45 100

43 55.6 40.5 60.7

87 26.4 22.5 33.7

59 11.0 8.6 12.8

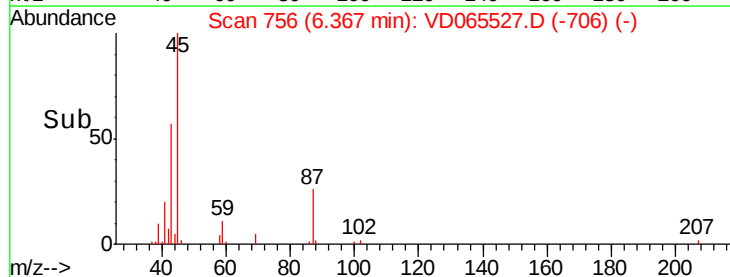
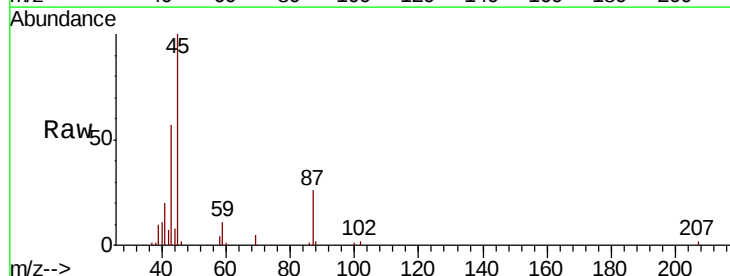
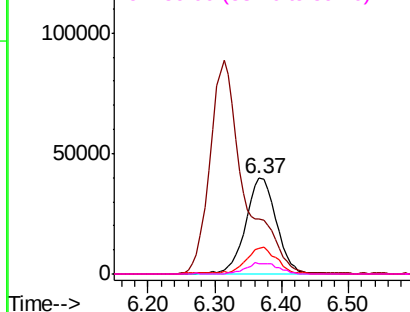
Abundance

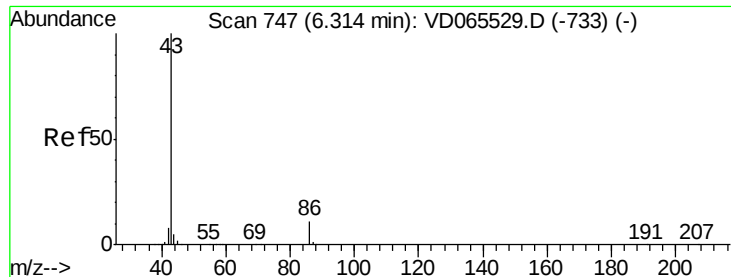
Ion 45.00 (44.70 to 45.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 41.895 ug/l

RT: 6.31 min Scan# 747

Delta R.T. -0.00 min

Lab File: VD065527.D

Acq: 26 Mar 2020 16:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tot Ion: 43 Resp: 317995

Ion Ratio Lower Upper

43 100

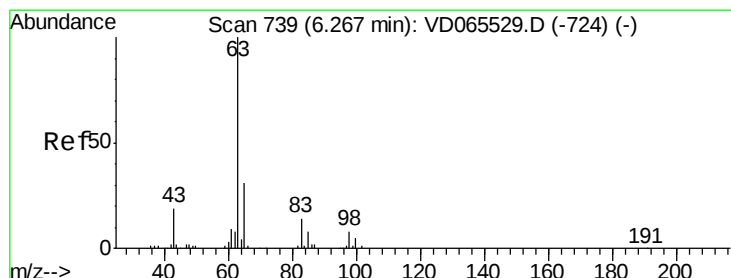
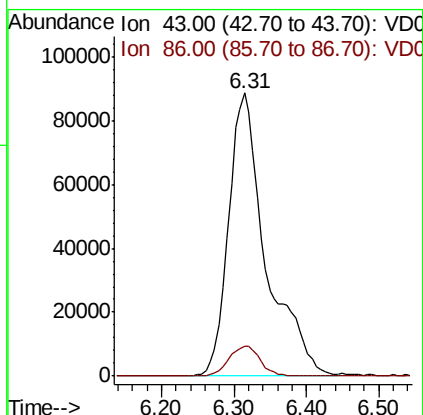
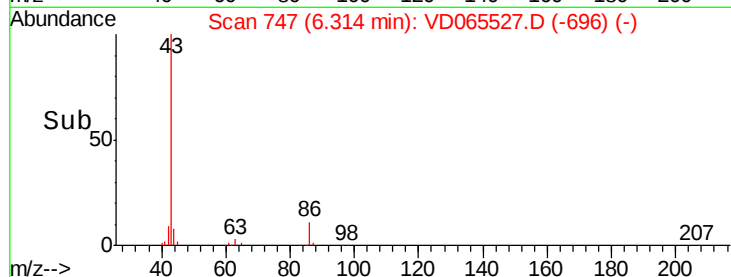
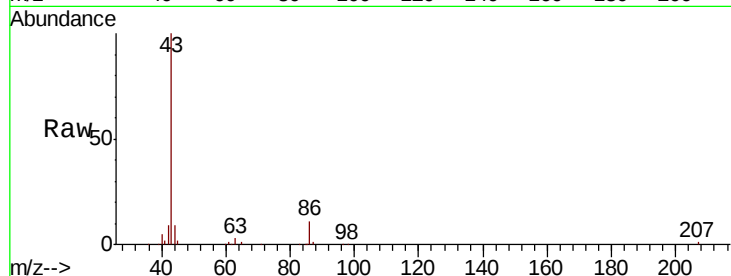
86 10.8 9.0 13.4

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#24

1,1-Dichloroethane

Concen: 9.723 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.00 min

Lab File: VD065527.D

Acq: 26 Mar 2020 16:06

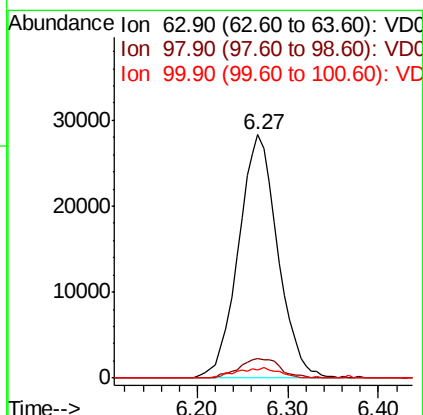
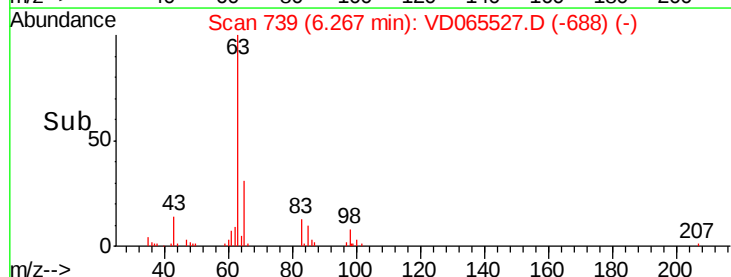
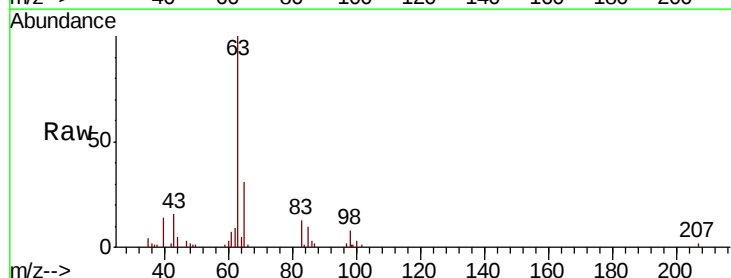
Tgt Ion: 63 Resp: 85067

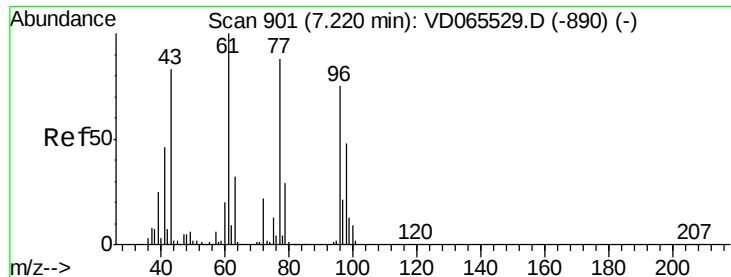
Ion Ratio Lower Upper

63 100

98 8.0 4.2 12.6

100 3.4 2.5 7.4





#25

2-Butanone

Concen: 42.438 ug/l

RT: 7.23 min Scan# 902

Delta R.T. 0.01 min

Lab File: VD065527.D

Acq: 26 Mar 2020 16:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tot Ion: 43 Resp: 51732

Ion Ratio Lower Upper

43 100

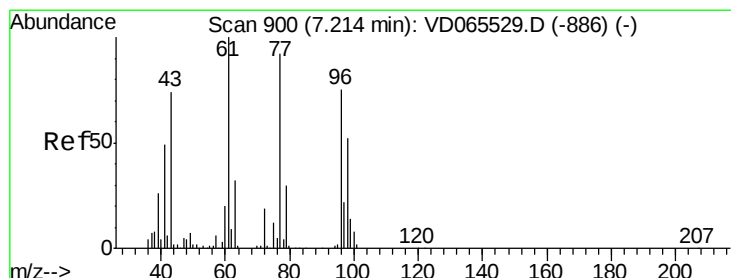
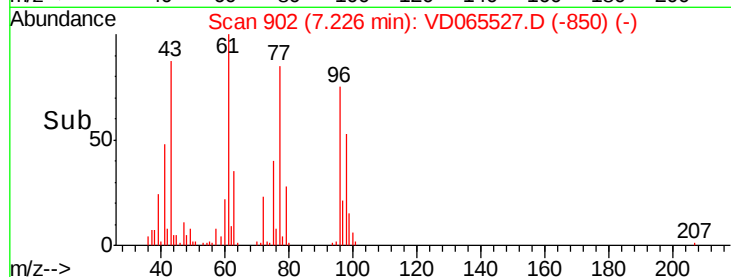
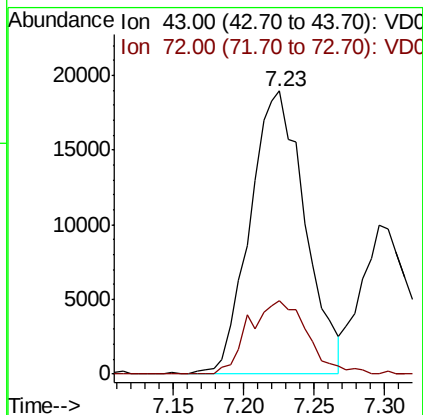
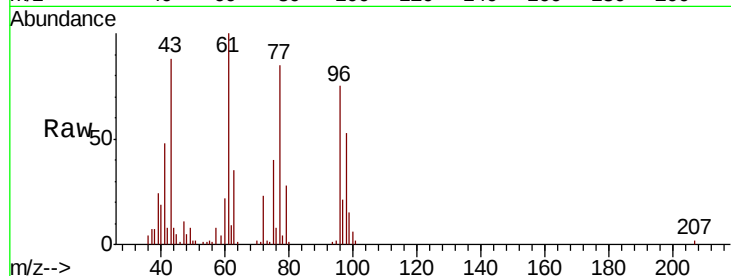
72 26.1 21.5 32.3

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 9.786 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD065527.D

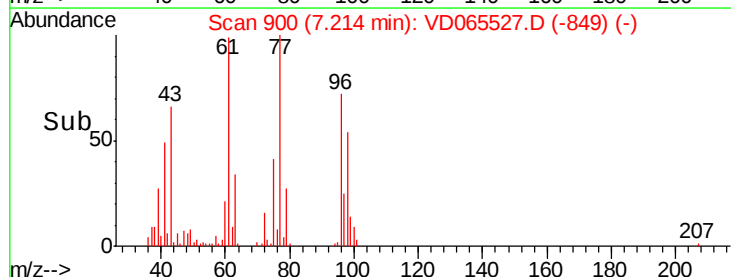
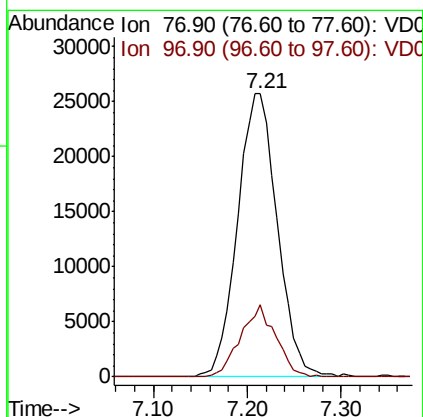
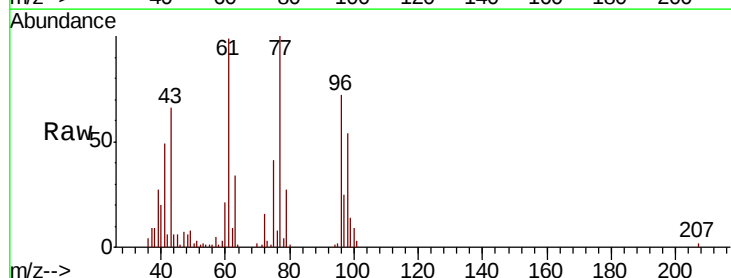
Acq: 26 Mar 2020 16:06

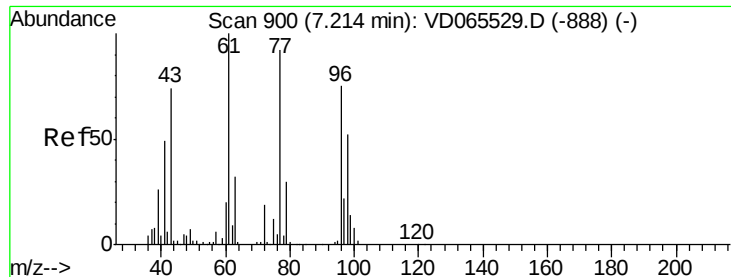
Tgt Ion: 77 Resp: 75245

Ion Ratio Lower Upper

77 100

97 22.6 11.7 35.1





#27

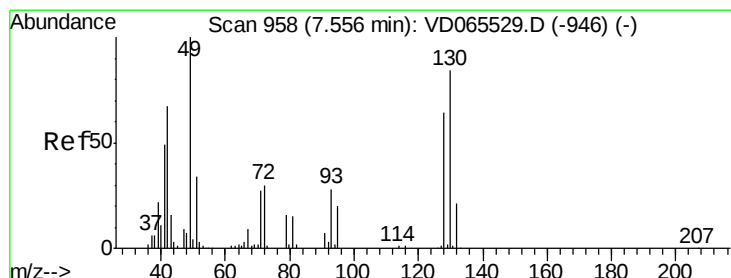
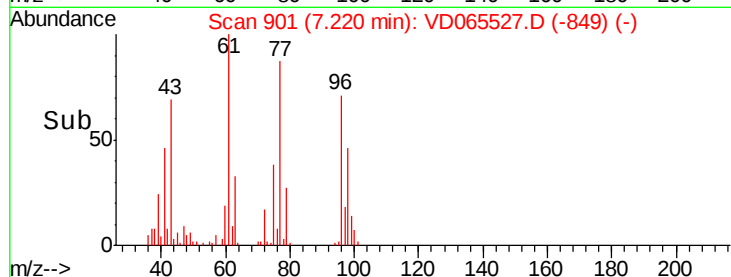
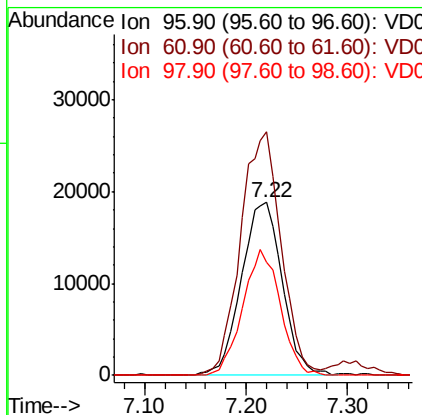
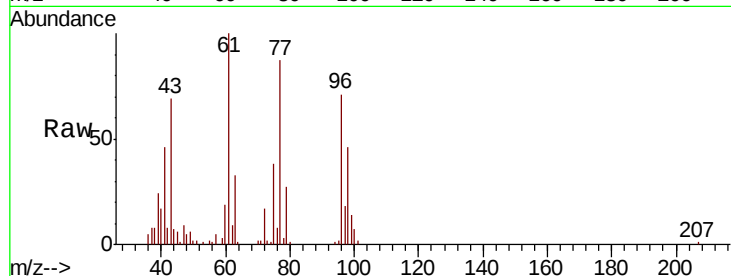
cis-1,2-Dichloroethene
Concen: 9.698 ug/l
RT: 7.22 min Scan# 901
Delta R.T. 0.01 min
Lab File: VD065527.D
Acq: 26 Mar 2020 16:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
96	100		
61	139.4	0.0	278.0
98	66.8	0.0	129.6

Manual Integrations
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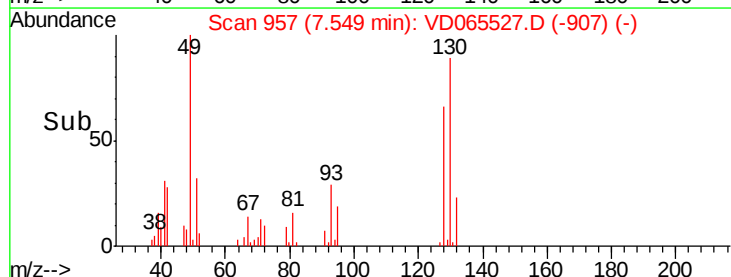
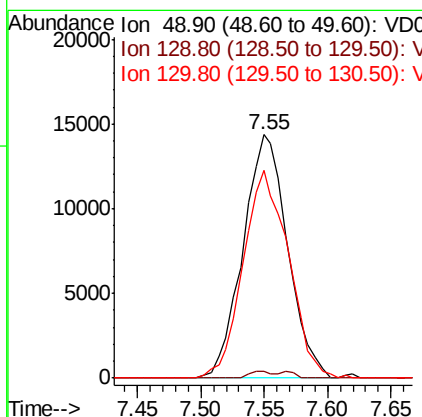
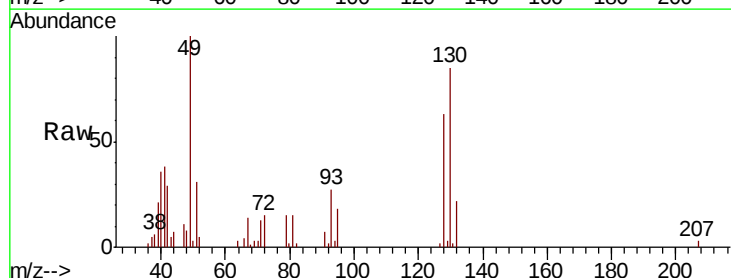
apatel
3/27/2020 10:12:14 AM

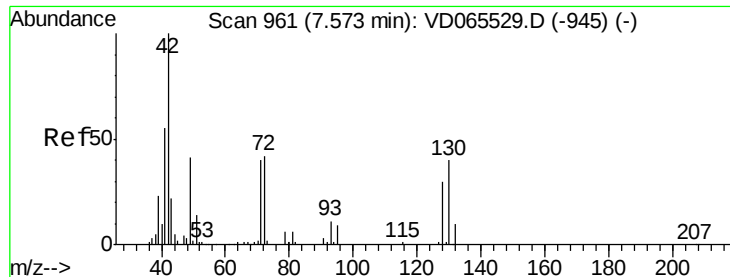


#28

Bromochloromethane
Concen: 9.931 ug/l
RT: 7.55 min Scan# 957
Delta R.T. -0.01 min
Lab File: VD065527.D
Acq: 26 Mar 2020 16:06

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	4.4
130	87.0	69.7	104.5





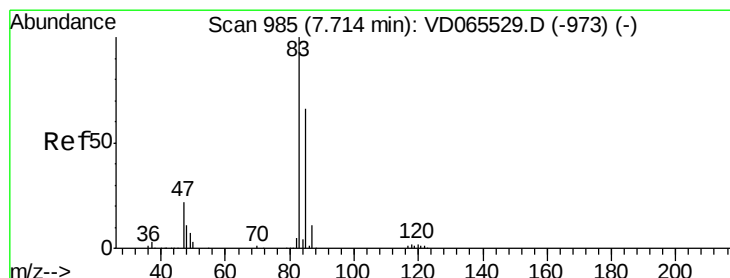
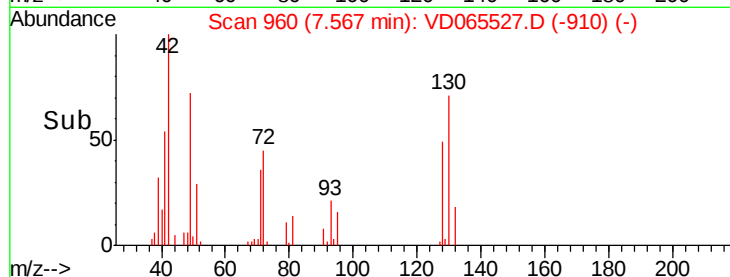
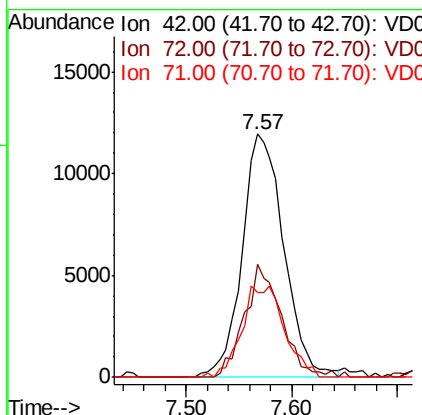
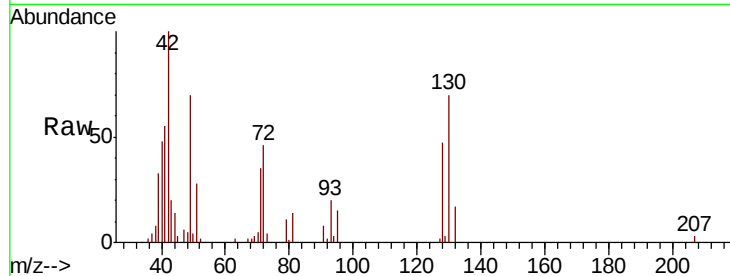
#29
Tetrahydrofuran
Concen: 41.998 ug/l
RT: 7.57 min Scan# 960
Delta R.T. -0.01 min
Lab File: VD065527.D
Acq: 26 Mar 2020 16:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.6	35.0	52.6
71	38.3	33.0	49.6

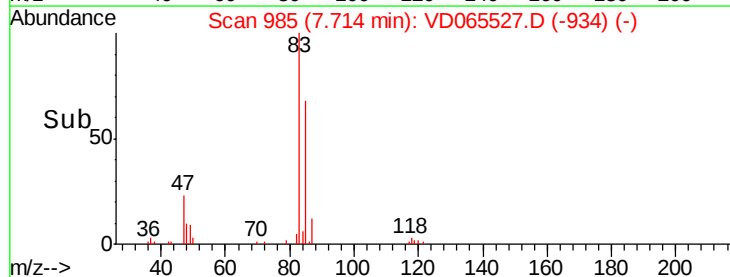
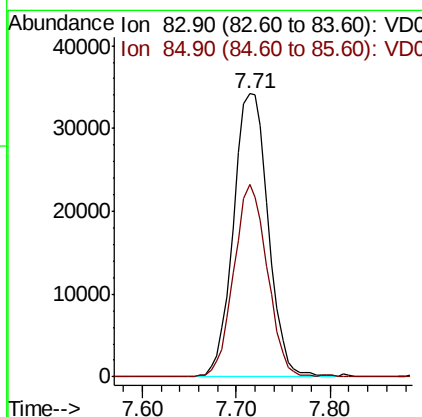
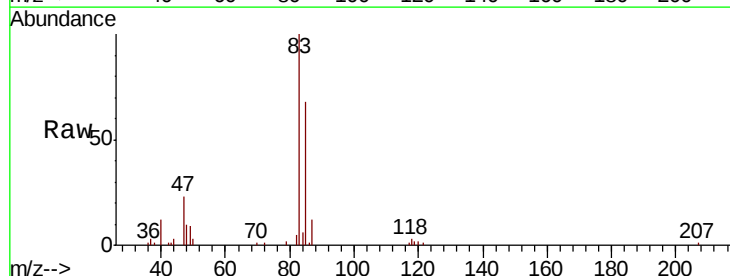
Manual Integrations
APPROVED

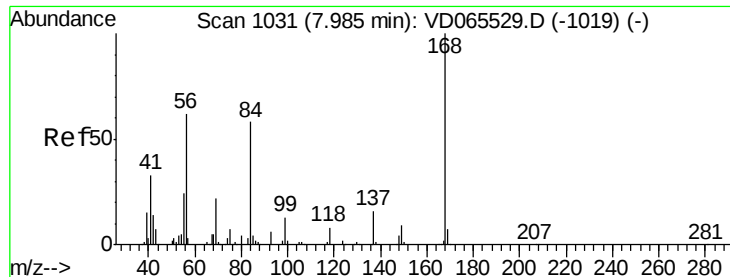
apatel
3/27/2020 10:12:14 AM



#30
Chloroform
Concen: 10.012 ug/l
RT: 7.71 min Scan# 985
Delta R.T. -0.00 min
Lab File: VD065527.D
Acq: 26 Mar 2020 16:06

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.8	52.9	79.3





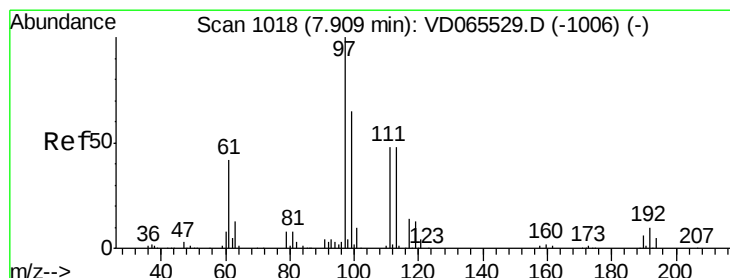
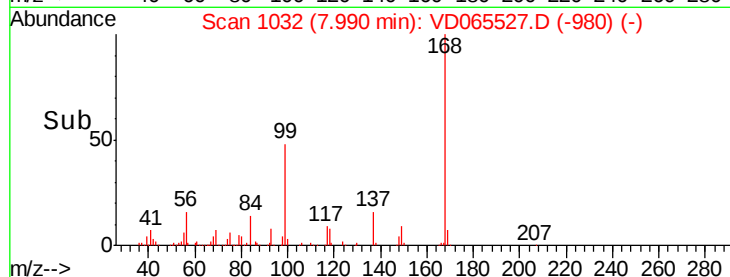
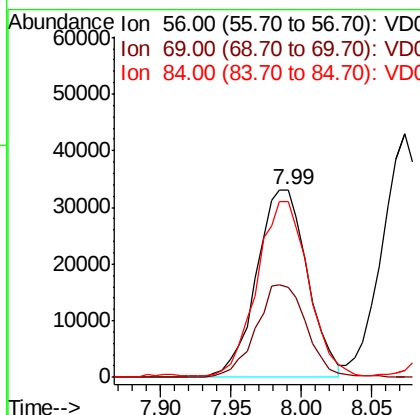
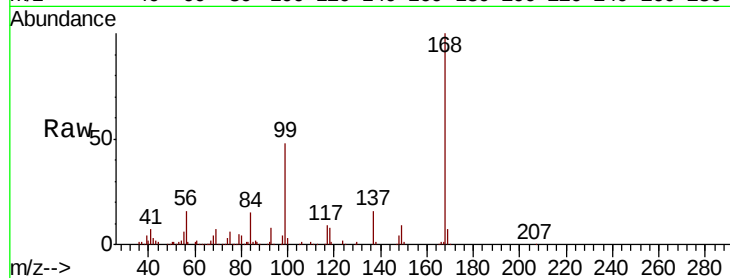
#31
Cyclohexane
Concen: 9.580 ug/l
RT: 7.99 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VD065527.D
Acq: 26 Mar 2020 16:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion	56	Resp	83478
Ion Ratio	Lower	Upper	
56	100		
69	47.7	28.2	42.4#
84	92.4	73.4	110.0

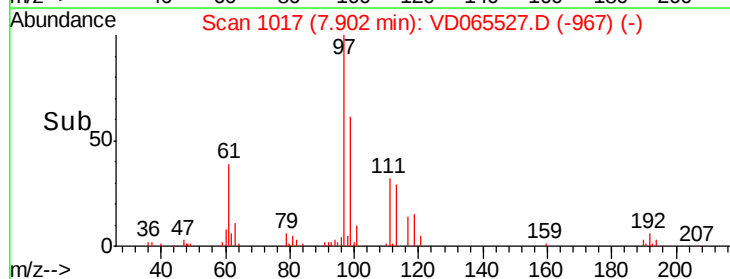
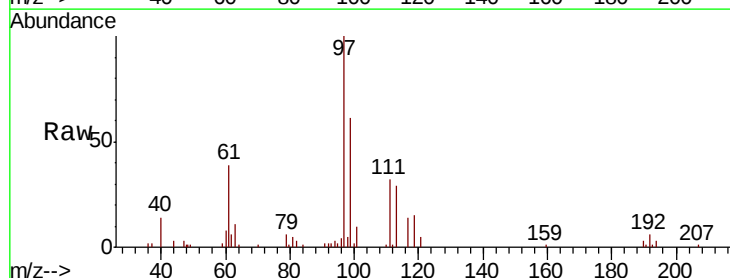
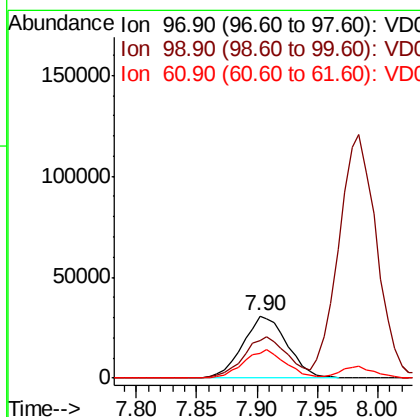
Manual Integrations
APPROVED

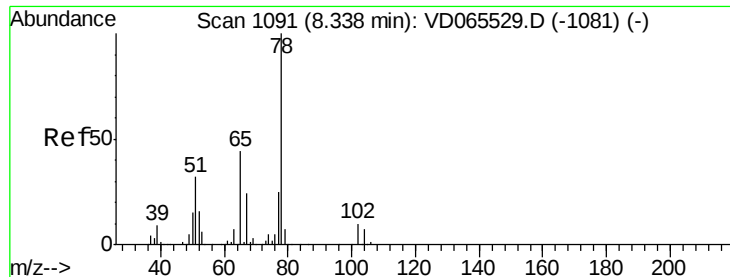
apatel
3/27/2020 10:12:14 AM



#32
1,1,1-Trichloroethane
Concen: 9.585 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VD065527.D
Acq: 26 Mar 2020 16:06

Tgt Ion	97	Resp	77661
Ion Ratio	Lower	Upper	
97	100		
99	66.7	51.2	76.8
61	43.8	33.4	50.2





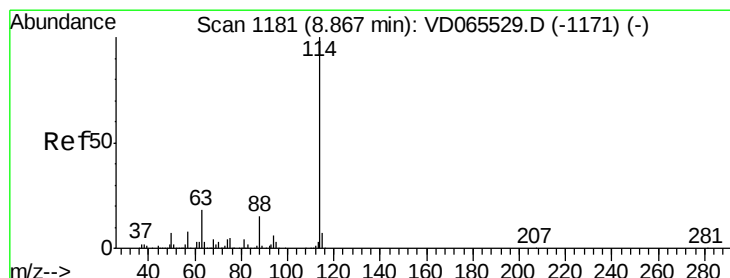
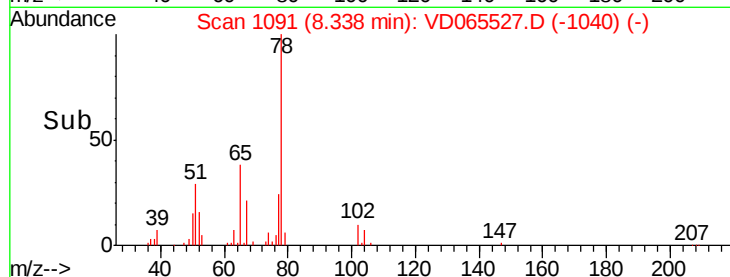
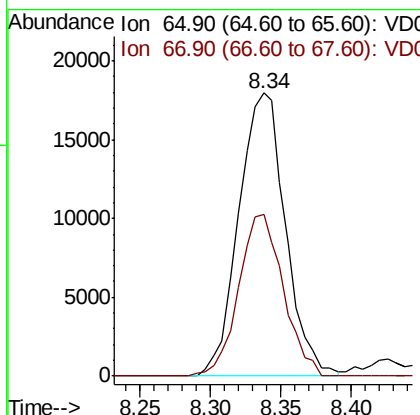
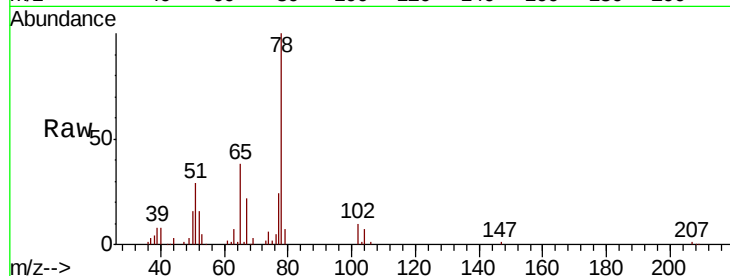
#33
 1,2-Dichloroethane-d4
 Concen: 9.352 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD065527.D
 Acq: 26 Mar 2020 16:06

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.5	0.0	107.6

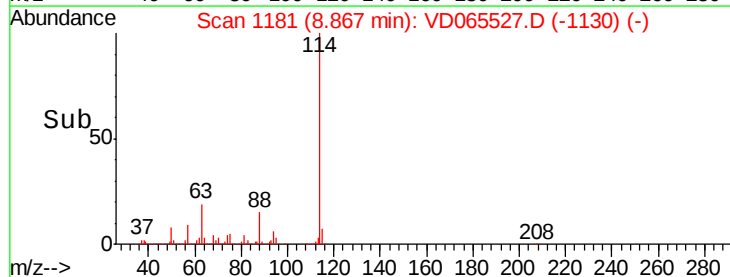
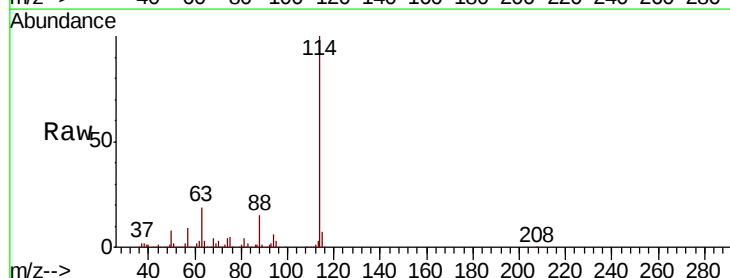
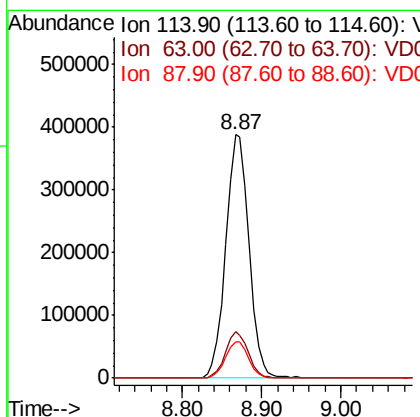
Manual Integrations
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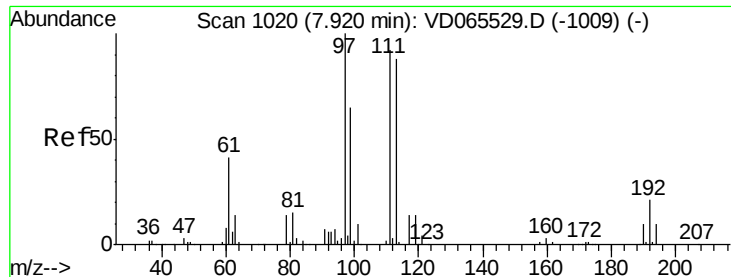
apatel
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065527.D
 Acq: 26 Mar 2020 16:06

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	37.0
88	14.8	0.0	30.4





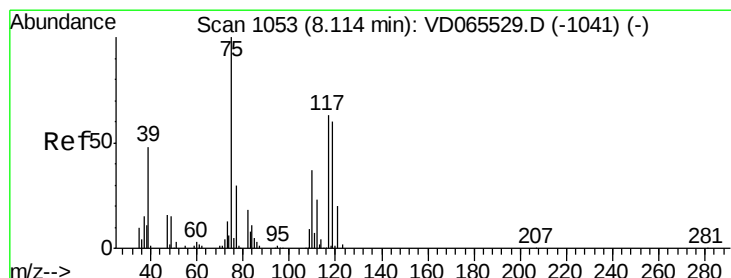
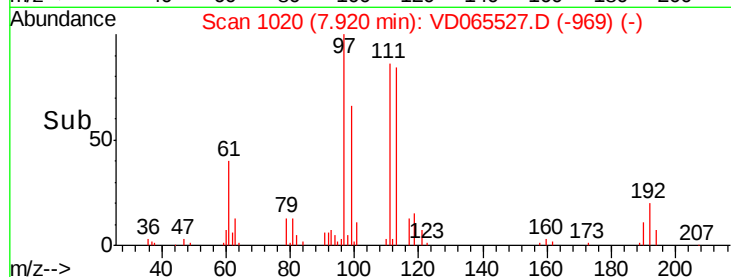
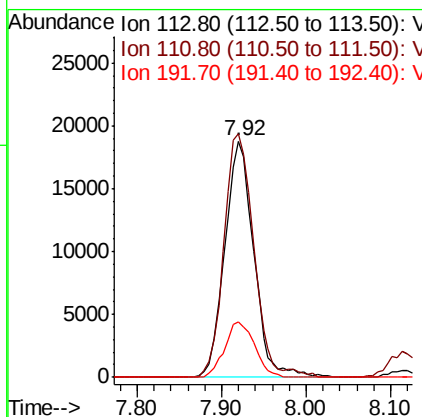
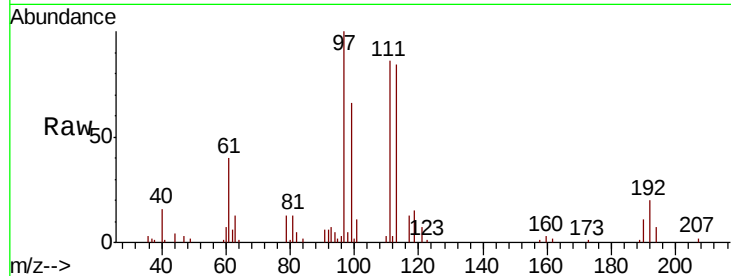
#35
 Dibromofluoromethane
 Concen: 9.253 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065527.D
 Acq: 26 Mar 2020 16:06

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.9	83.3	124.9
192	23.9	18.5	27.7

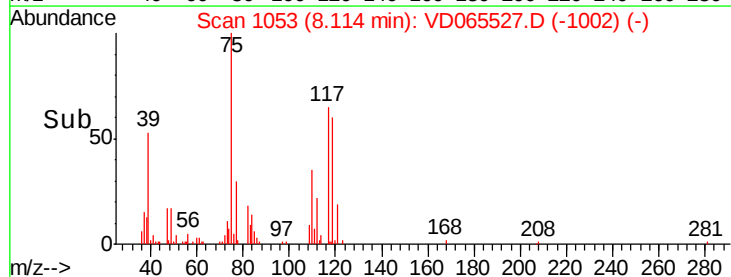
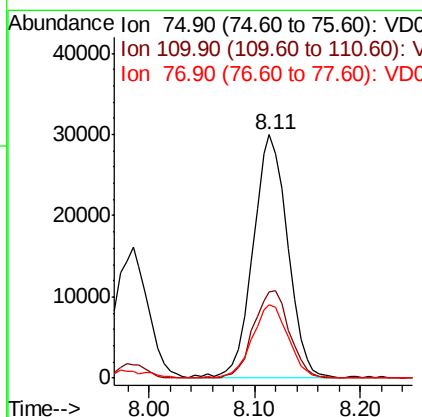
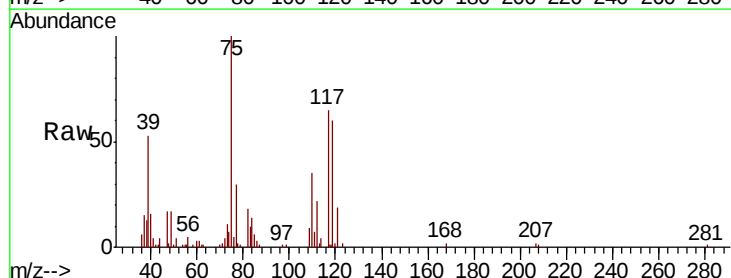
Manual Integrations
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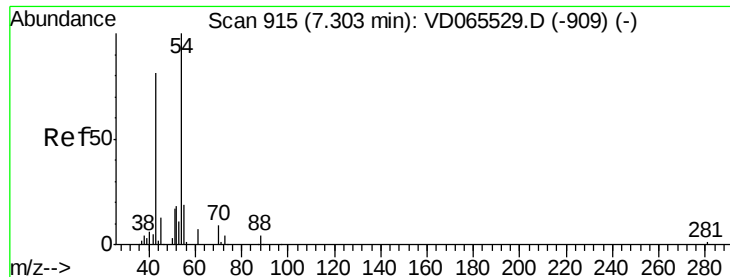
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#36
 1,1-Dichloropropene
 Concen: 9.254 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VD065527.D
 Acq: 26 Mar 2020 16:06

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.3	18.8	56.4
77	31.5	25.1	37.7





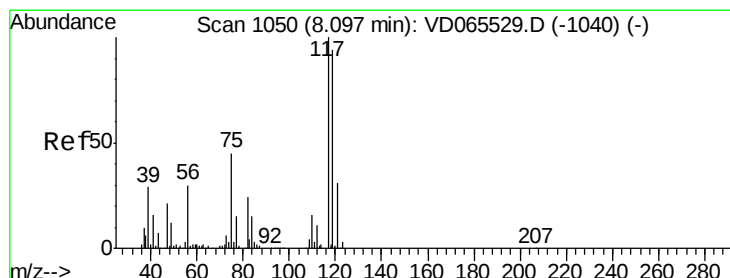
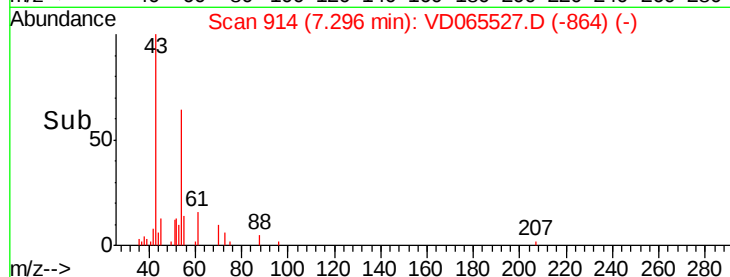
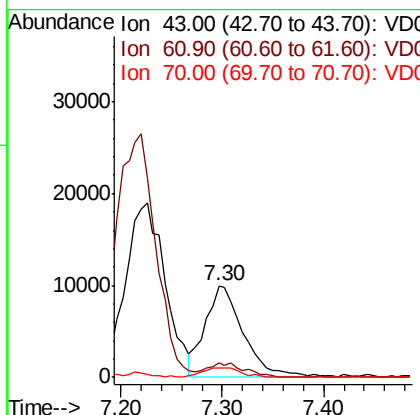
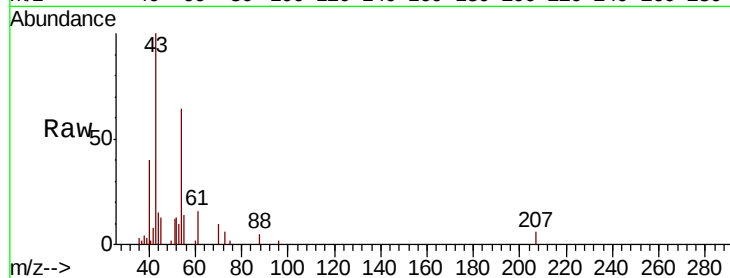
#37
Ethyl Acetate
Concen: 9.141 ug/l
RT: 7.30 min Scan# 914
Delta R.T. -0.01 min
Lab File: VD065527.D
Acq: 26 Mar 2020 16:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.3	12.2	18.4
70	10.7	8.4	12.6

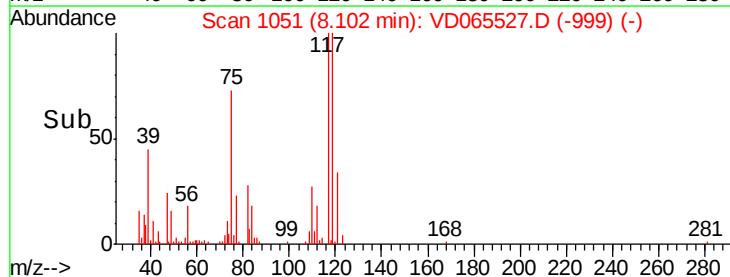
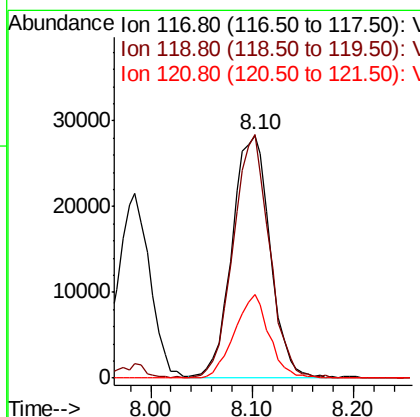
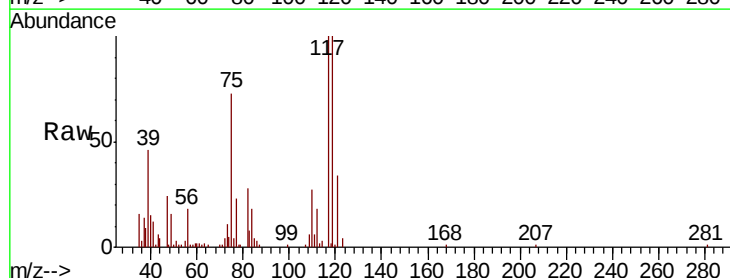
Manual Integrations
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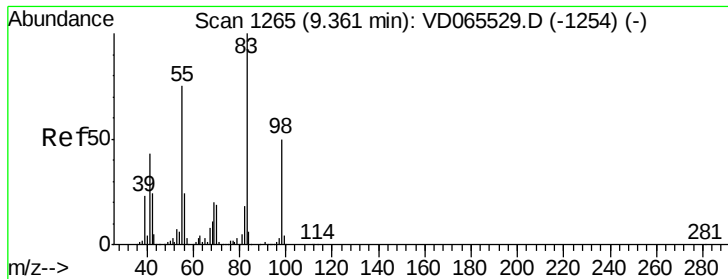
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#38
Carbon Tetrachloride
Concen: 9.553 ug/l
RT: 8.10 min Scan# 1051
Delta R.T. 0.01 min
Lab File: VD065527.D
Acq: 26 Mar 2020 16:06

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.5	75.2	112.8
121	34.3	24.5	36.7





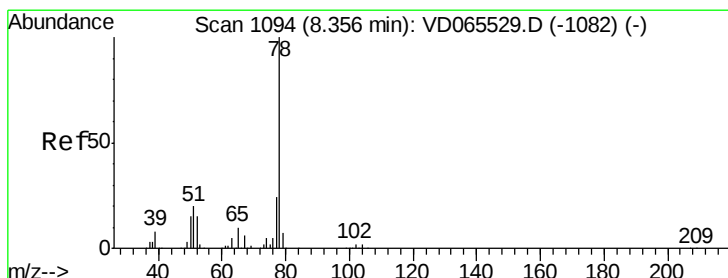
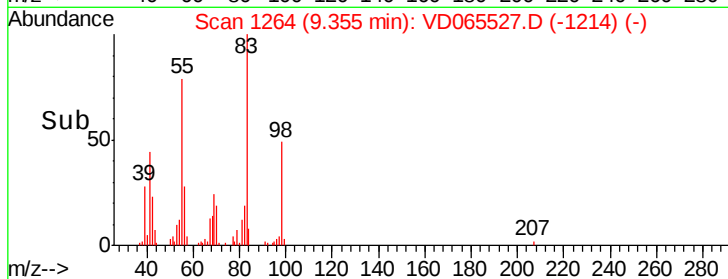
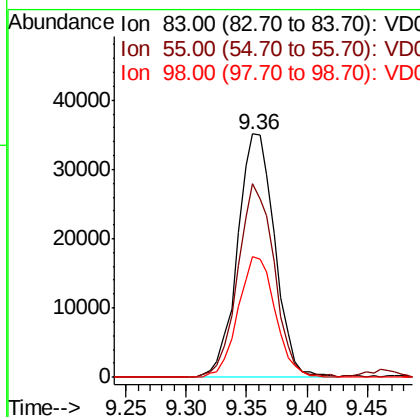
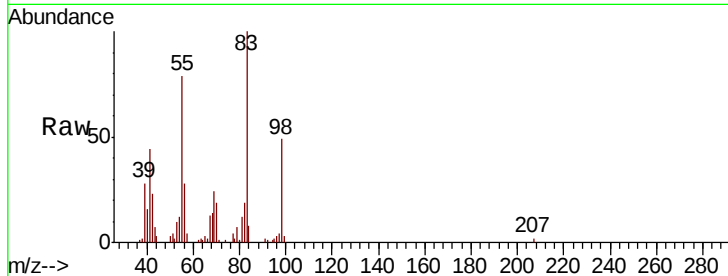
#39
Methvlcvclohexane
Concen: 8.492 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.01 min
Lab File: VD065527.D
Acq: 26 Mar 2020 16:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.4	59.7	89.5
98	49.3	40.2	60.2

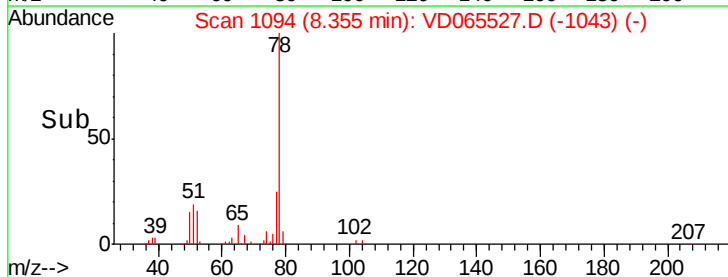
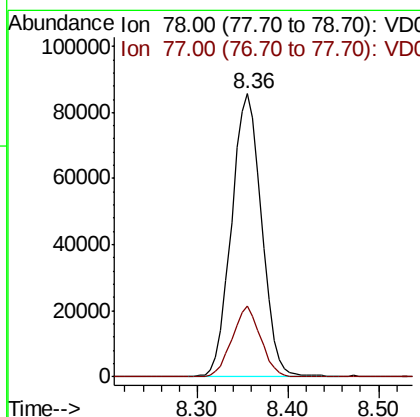
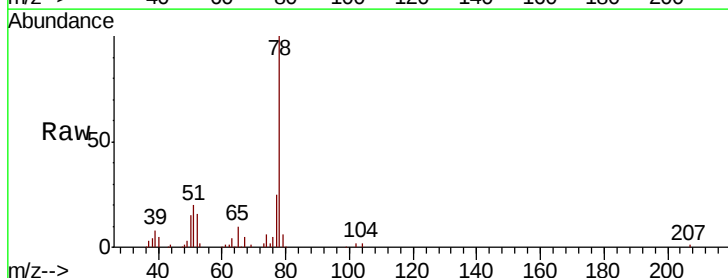
Manual Integrations
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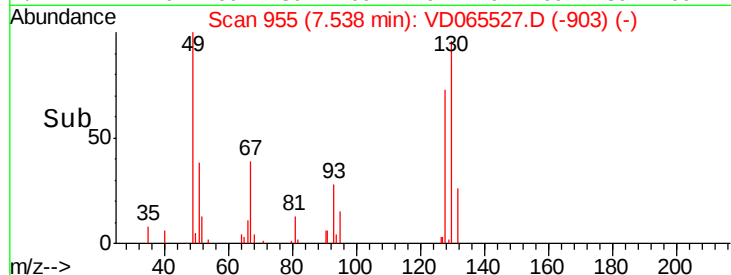
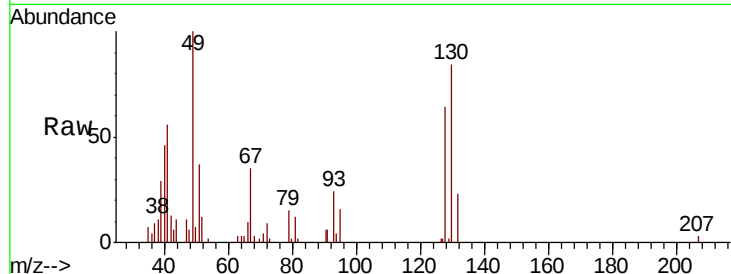
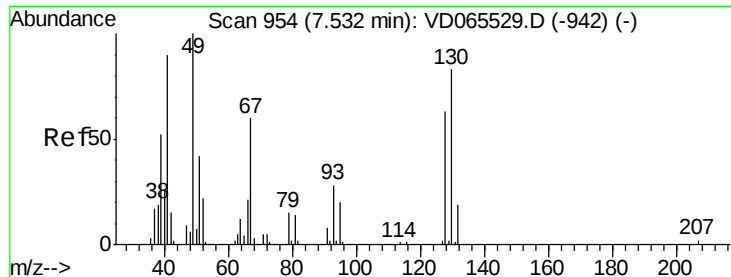
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#40
Benzene
Concen: 9.548 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. -0.00 min
Lab File: VD065527.D
Acq: 26 Mar 2020 16:06

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.9	19.1	28.7





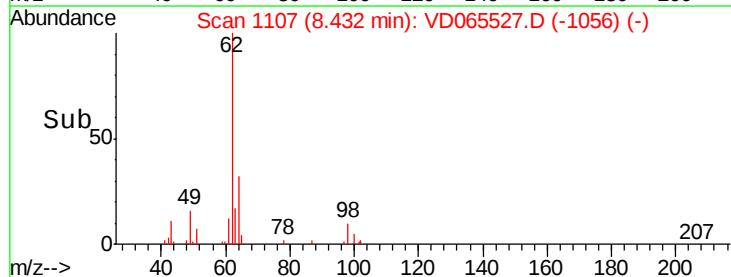
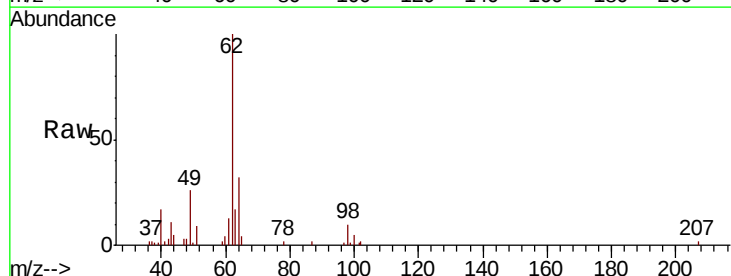
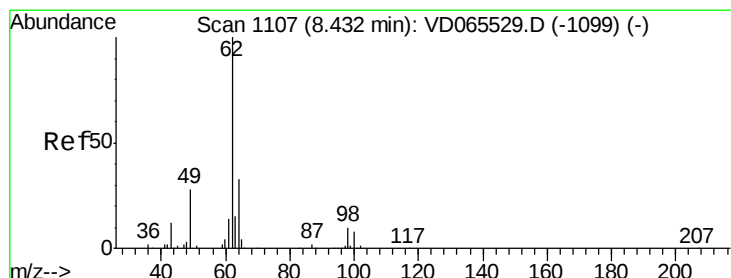
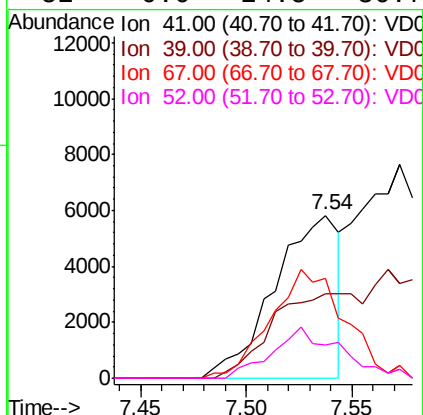
#41
Methacrylonitrile
Concen: 7.973 ug/l
RT: 7.54 min Scan# 955
Delta R.T. 0.01 min
Lab File: VD065527.D
Acq: 26 Mar 2020 16:06

Tot Ion	Ratio	Lower	Upper
41	100		
39	71.6	42.9	64.3#
67	0.0	60.5	90.7#
52	0.0	24.5	36.7#

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

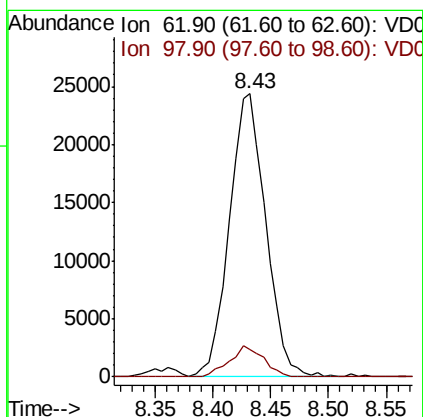
Manual Integrations
APPROVED

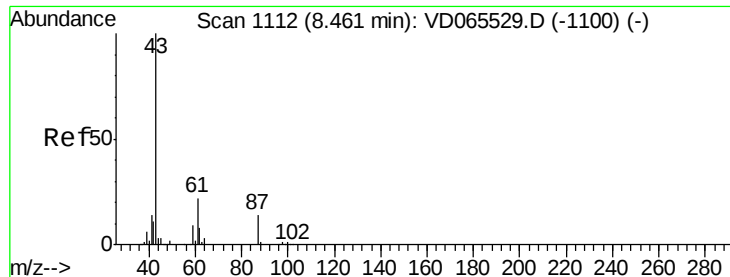
apatel
3/27/2020 10:12:14 AM



#42
1,2-Dichloroethane
Concen: 9.802 ug/l
RT: 8.43 min Scan# 1107
Delta R.T. -0.00 min
Lab File: VD065527.D
Acq: 26 Mar 2020 16:06

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	21.8





#43

Isopropyl Acetate

Concen: 8.450 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. -0.01 min

Lab File: VD065527.D

Acq: 26 Mar 2020 16:06

Instrument :

MSVOA_D

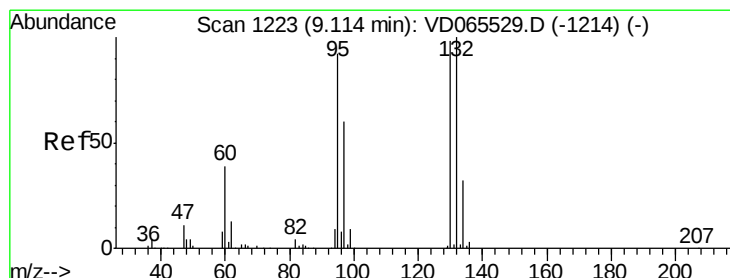
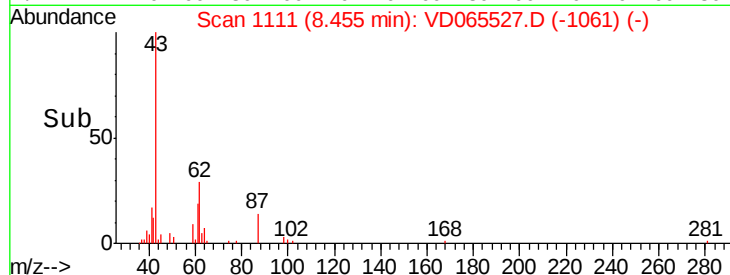
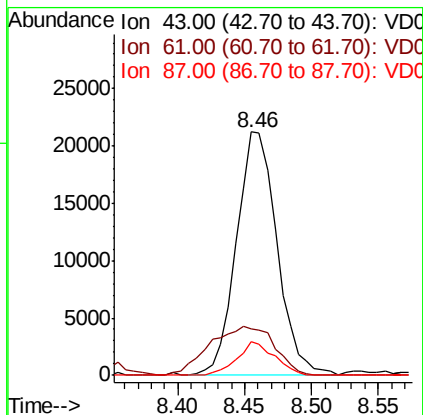
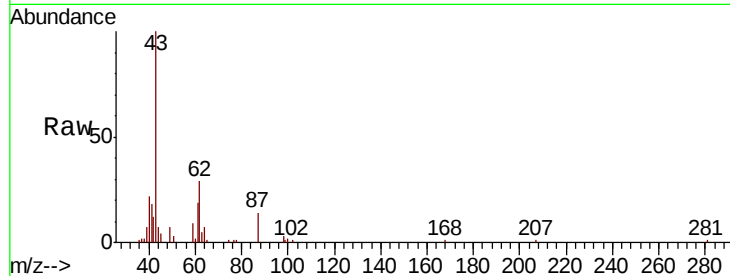
ClientSampleID :

VSTDIC010

Tot Ion:	43	Resp:	44787
Ion	Ratio	Lower	Upper
43	100		
61	32.2	25.0	37.4
87	12.7	11.0	16.4

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#44

Trichloroethene

Concen: 9.808 ug/l

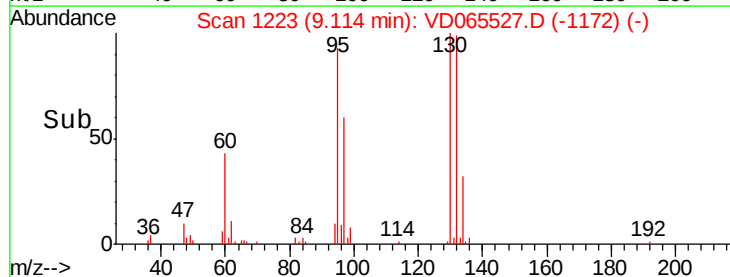
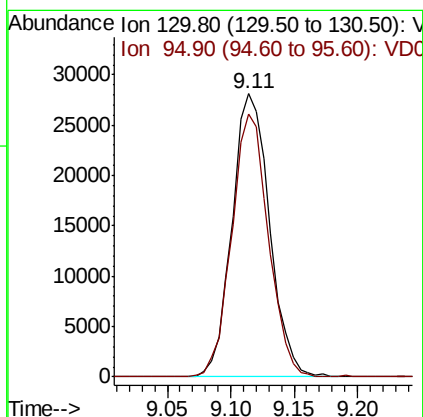
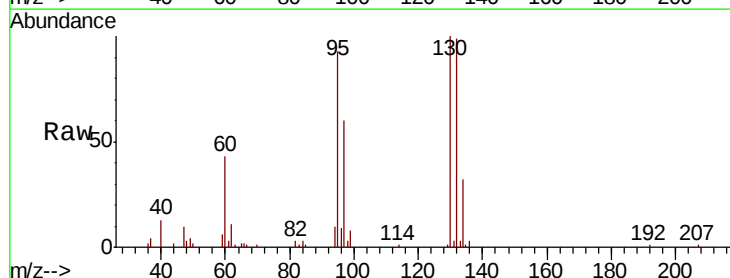
RT: 9.11 min Scan# 1223

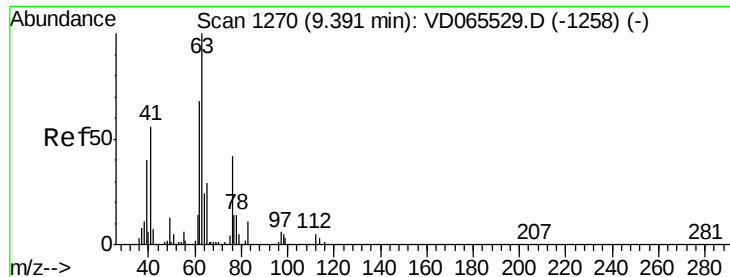
Delta R.T. -0.00 min

Lab File: VD065527.D

Acq: 26 Mar 2020 16:06

Tgt Ion:	130	Resp:	57589
Ion	Ratio	Lower	Upper
130	100		
95	93.1	0.0	187.0





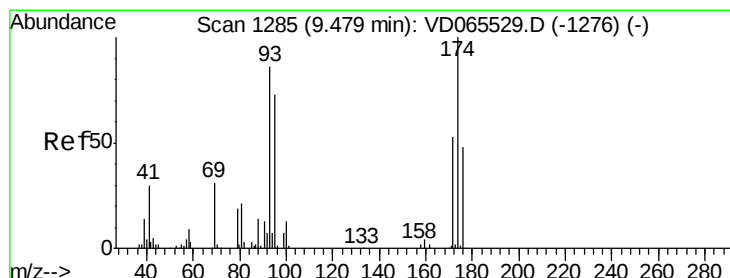
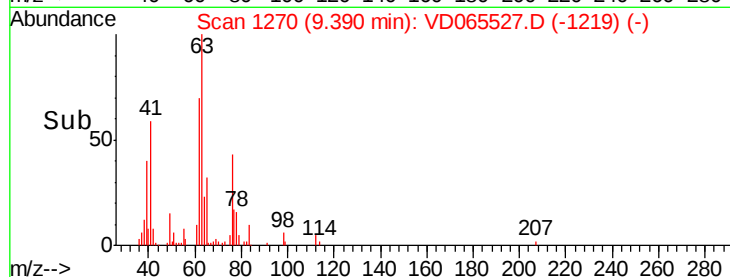
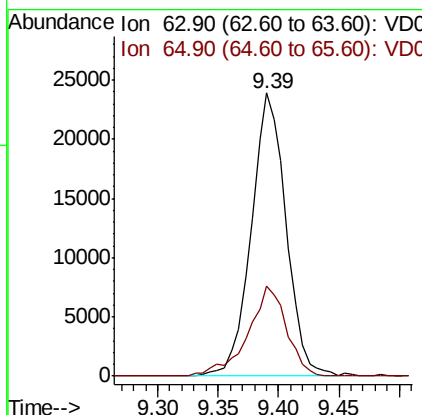
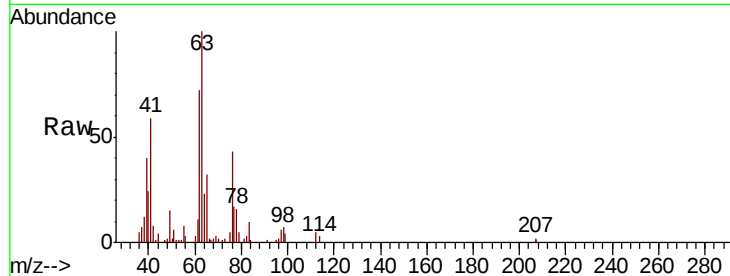
#45
 1,2-Dichloropropane
 Concen: 9.481 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VD065527.D
 Acq: 26 Mar 2020 16:06

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.0	23.5	35.3

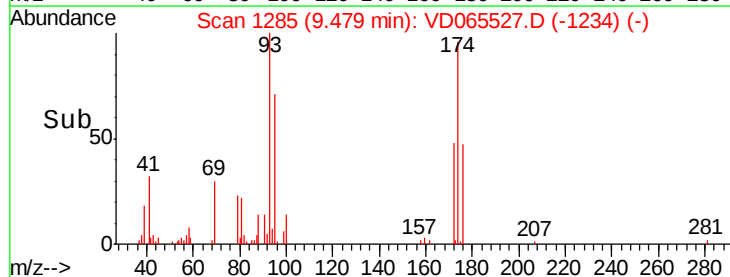
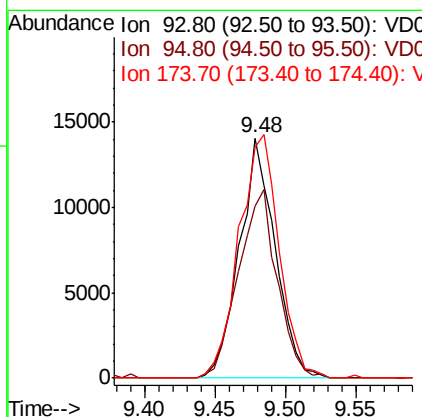
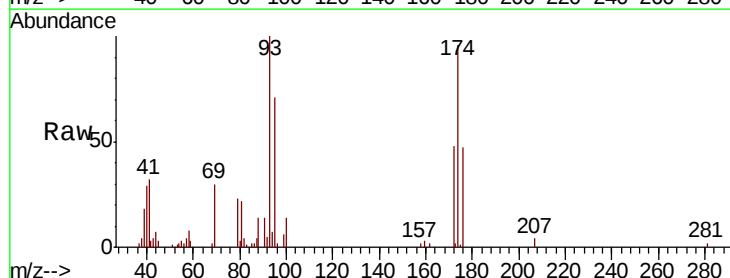
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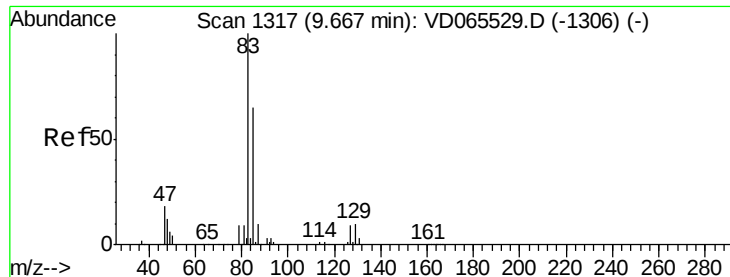
apatel
 3/27/2020 10:12:14 AM



#46
 Dibromomethane
 Concen: 9.567 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: VD065527.D
 Acq: 26 Mar 2020 16:06

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.6	67.3	100.9
174	113.4	92.5	138.7





#47

Bromodichloromethane

Concen: 9.854 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VD065527.D

Acq: 26 Mar 2020 16:06

Instrument :

MSVOA_D

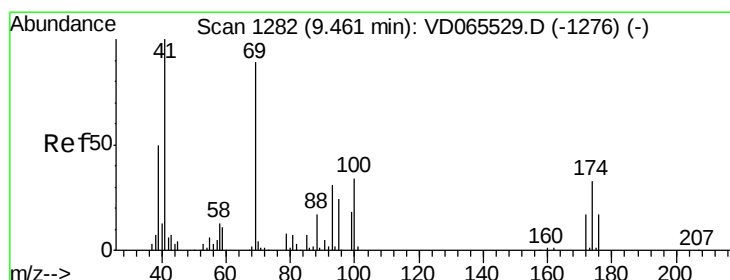
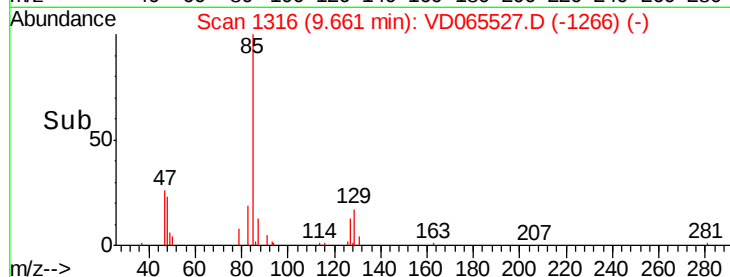
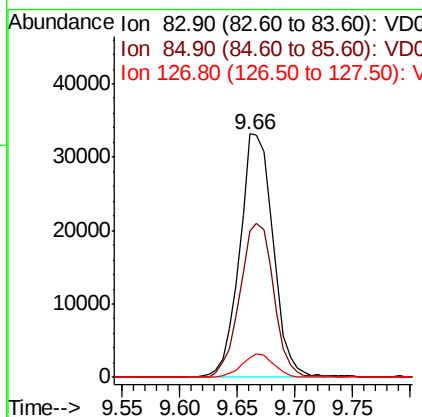
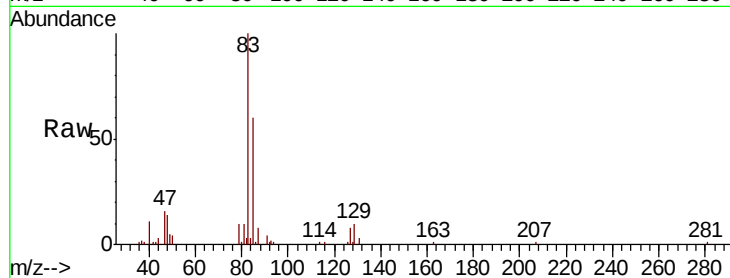
ClientSampleId :

VSTDIC010

Tot Ion:	83	Resp:	67045
Ion	Ratio	Lower	Upper
83	100		
85	60.2	52.2	78.2
127	8.0	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 7.745 ug/l

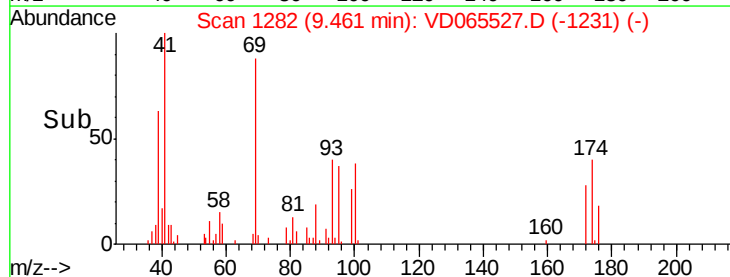
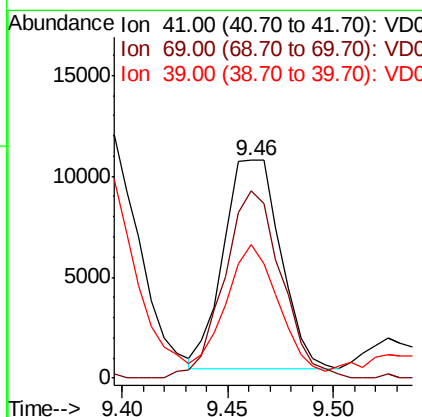
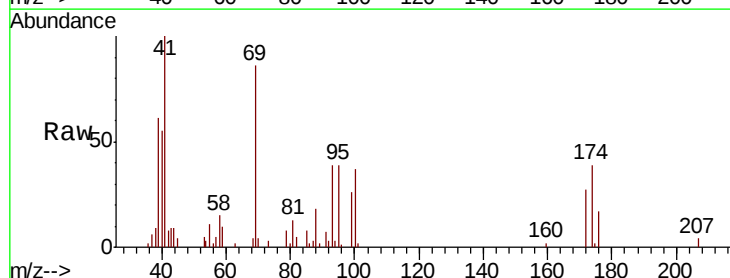
RT: 9.46 min Scan# 1282

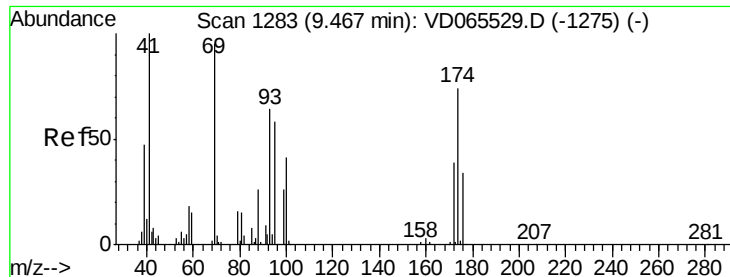
Delta R.T. -0.00 min

Lab File: VD065527.D

Acq: 26 Mar 2020 16:06

Tgt Ion:	41	Resp:	19381
Ion	Ratio	Lower	Upper
41	100		
69	90.3	71.8	107.6
39	54.2	42.2	63.4





#49

1,4-Dioxane

Concen: 160.593 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. 0.01 min

Lab File: VD065527.D

Acq: 26 Mar 2020 16:06

Instrument :

MSVOA_D

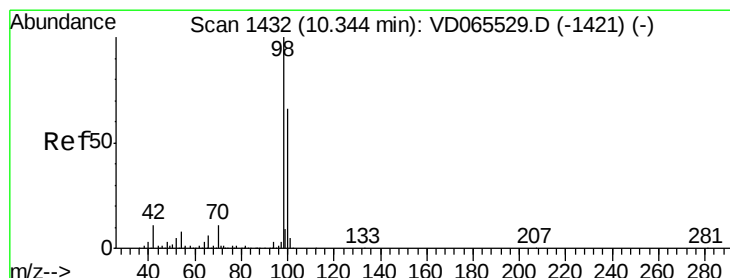
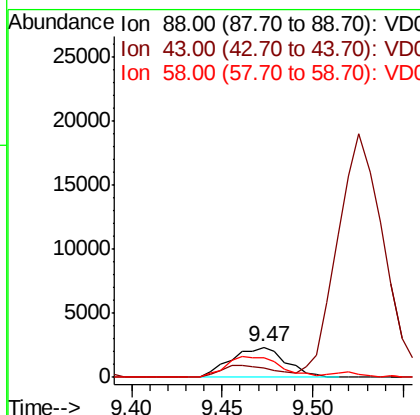
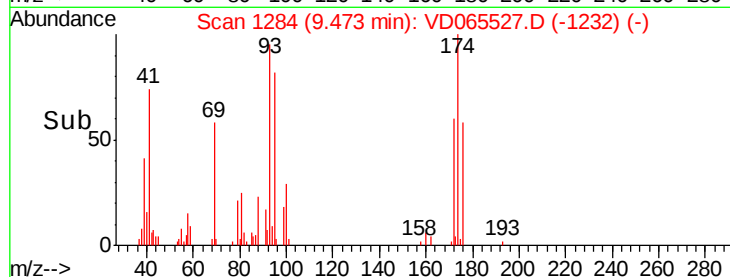
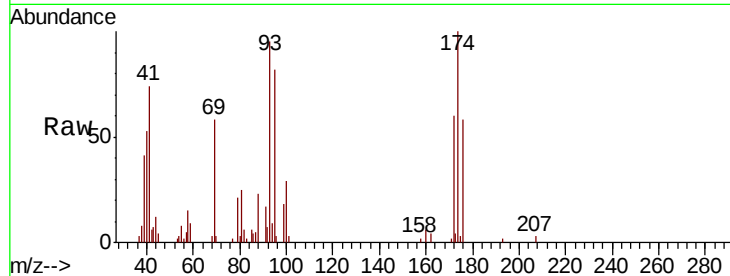
ClientSampleId :

VSTDIC010

Tot Ion	Ratio	Lower	Upper
88	100		
43	40.1	26.0	39.0#
58	68.9	54.6	82.0

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#50

Toluene-d8

Concen: 8.842 ug/l

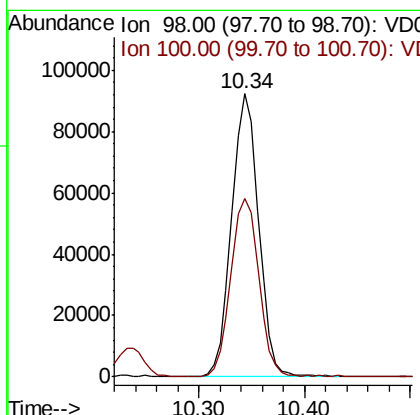
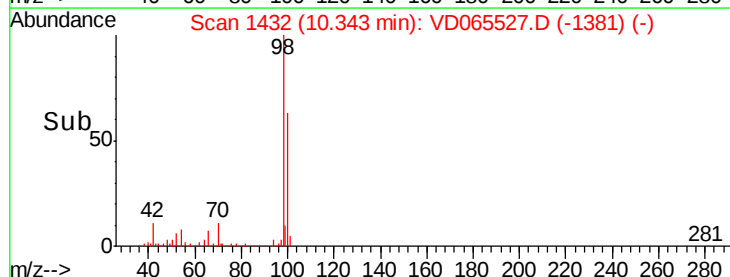
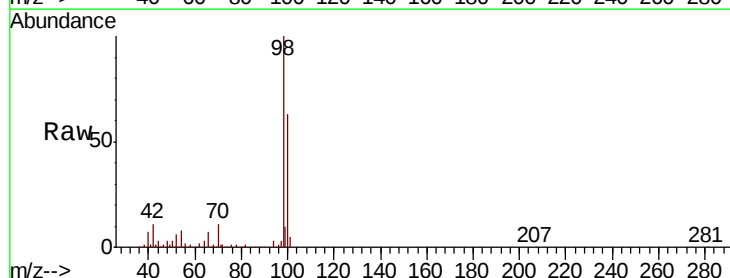
RT: 10.34 min Scan# 1432

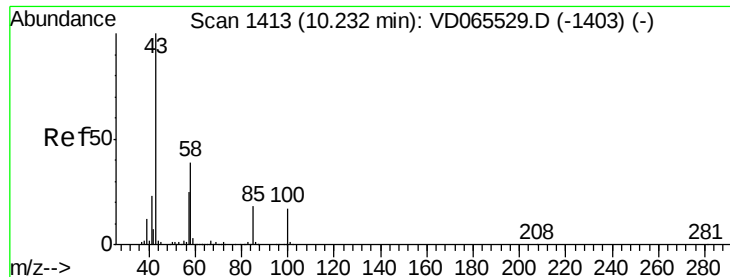
Delta R.T. -0.00 min

Lab File: VD065527.D

Acq: 26 Mar 2020 16:06

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 41.302 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. -0.00 min

Lab File: VD065527.D

Acq: 26 Mar 2020 16:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tot Ion: 43 Resp: 110525

Ion Ratio Lower Upper

43 100

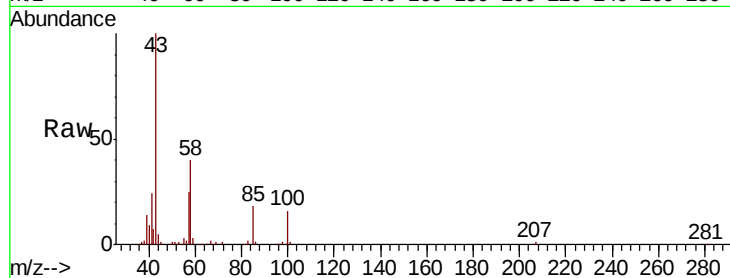
58 39.1 31.4 47.2

Manual Integrations

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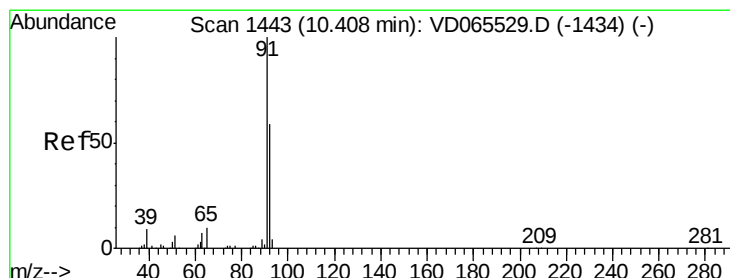
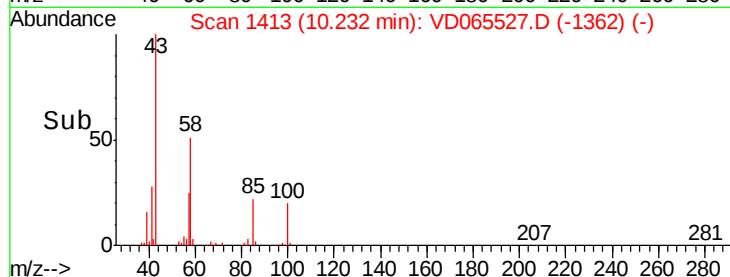
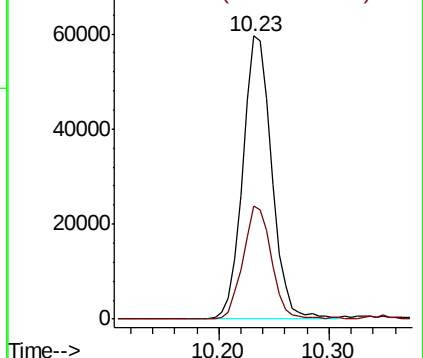
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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 9.254 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. -0.00 min

Lab File: VD065527.D

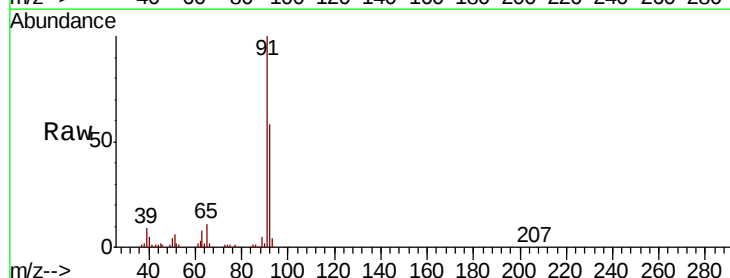
Acq: 26 Mar 2020 16:06

Tgt Ion: 92 Resp: 121115

Ion Ratio Lower Upper

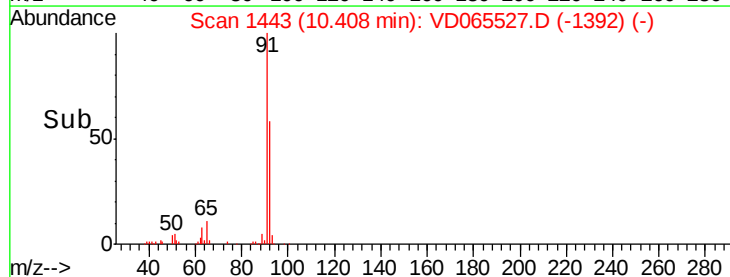
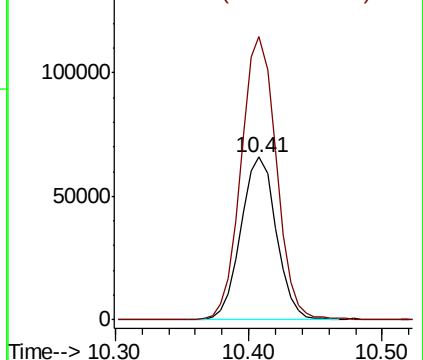
92 100

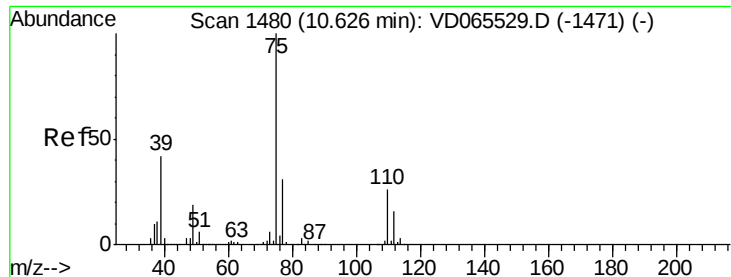
91 173.5 137.3 205.9



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





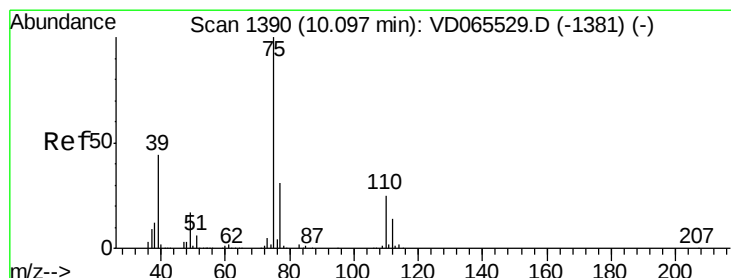
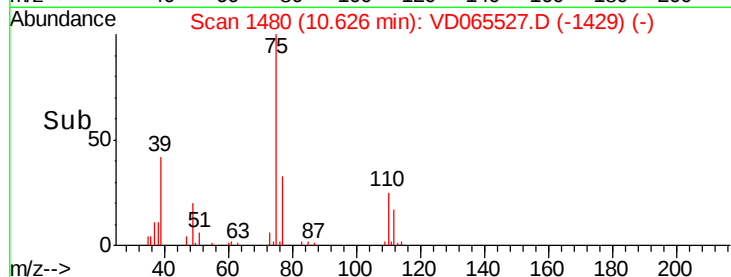
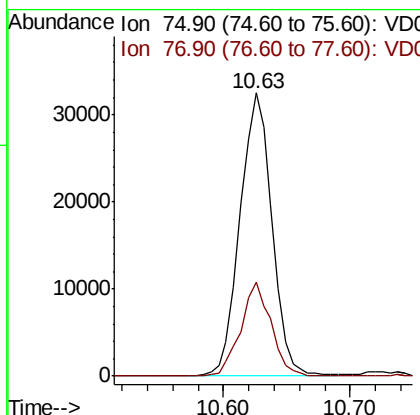
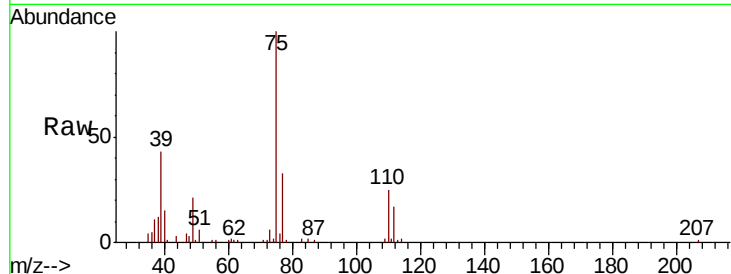
#53
t-1,3-Dichloropropene
Concen: 8.955 ug/l
RT: 10.63 min Scan# 1480
Delta R.T. -0.00 min
Lab File: VD065527.D
Acq: 26 Mar 2020 16:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion: 75 Resp: 56997
Ion Ratio Lower Upper
75 100
77 33.0 25.2 37.8

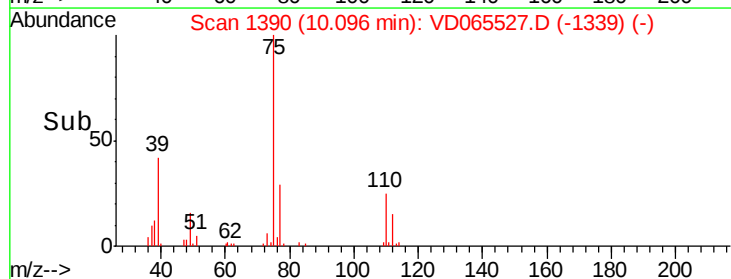
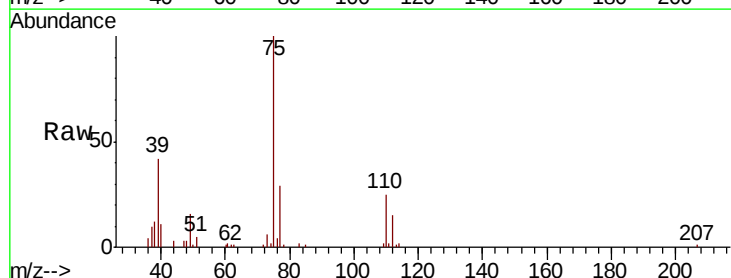
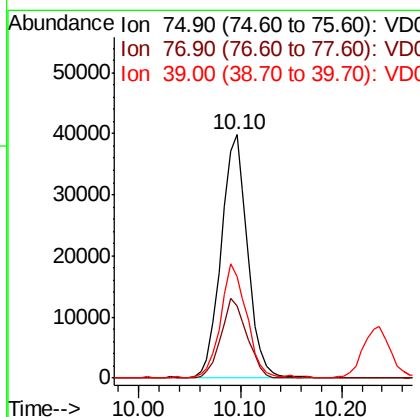
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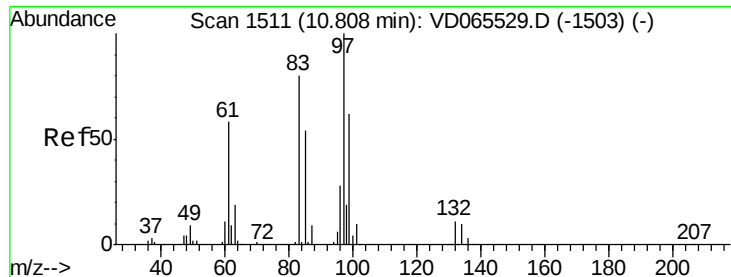
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#54
cis-1,3-Dichloropropene
Concen: 9.349 ug/l
RT: 10.10 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VD065527.D
Acq: 26 Mar 2020 16:06

Tgt Ion: 75 Resp: 71958
Ion Ratio Lower Upper
75 100
77 29.5 24.6 36.8
39 41.7 35.4 53.2





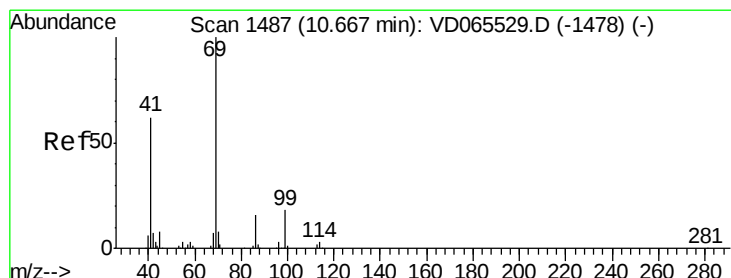
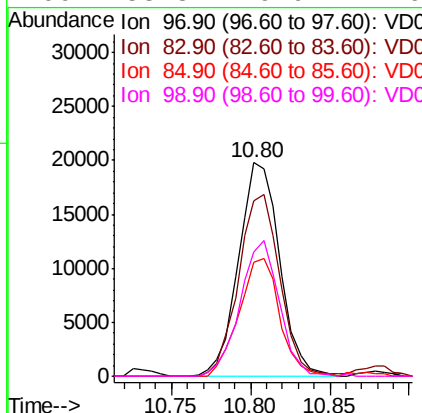
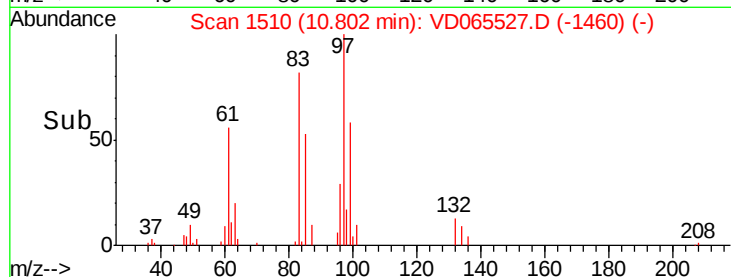
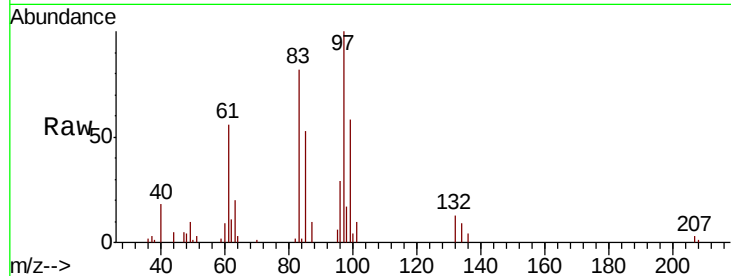
#55
 1,1,2-Trichloroethane
 Concen: 9.605 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.01 min
 Lab File: VD065527.D
 Acq: 26 Mar 2020 16:06

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		35765		
83	81.8	63.8	95.6		
85	53.1	42.9	64.3		
99	58.3	49.9	74.9		

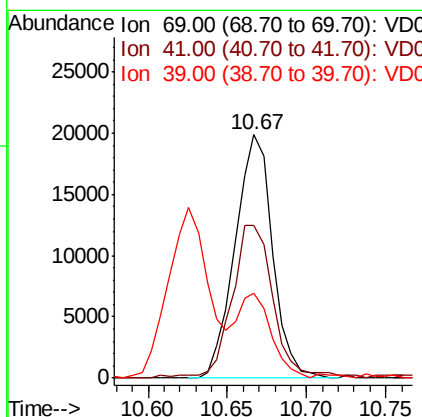
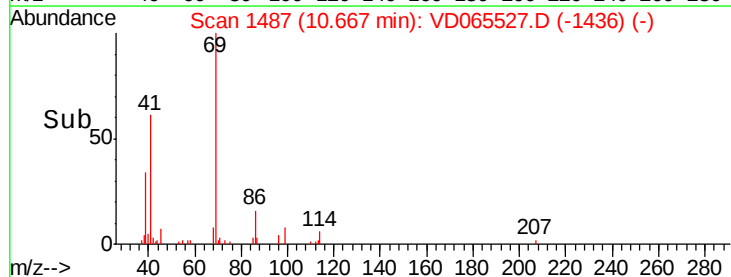
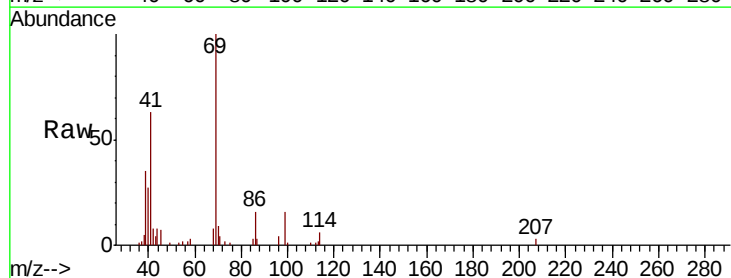
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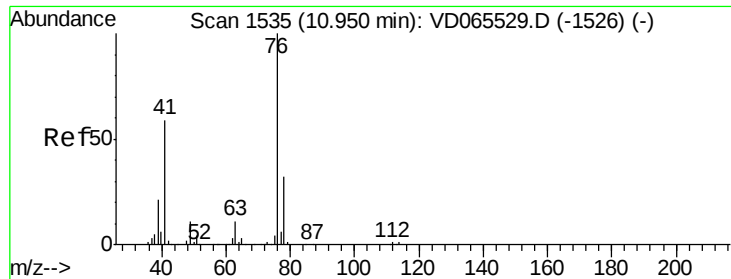
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#56
 Ethyl methacrylate
 Concen: 7.764 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VD065527.D
 Acq: 26 Mar 2020 16:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		32546		
41	70.2	51.3	76.9		
39	32.1	25.3	37.9		





#57

1,3-Dichloropropane

Concen: 9.370 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VD065527.D

Acq: 26 Mar 2020 16:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tot Ion: 76 Resp: 58966

Ion Ratio Lower Upper

76 100

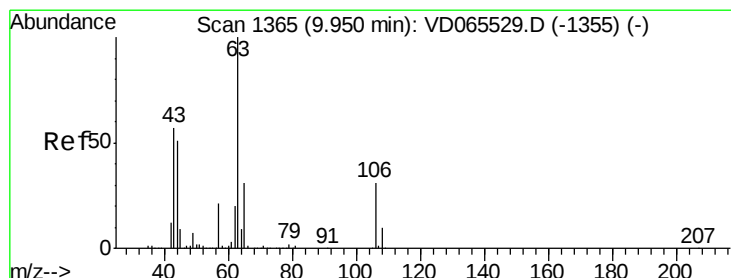
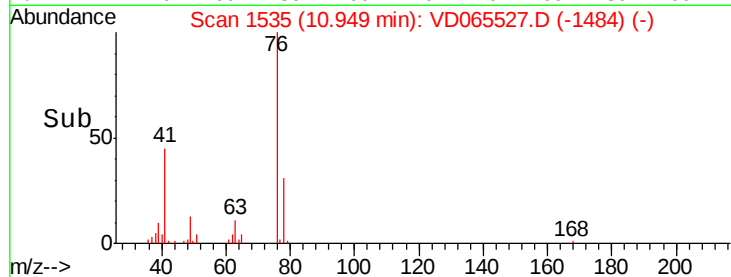
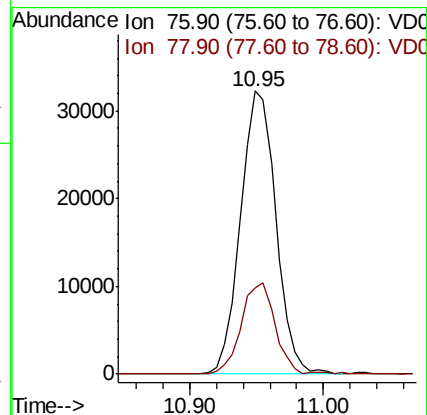
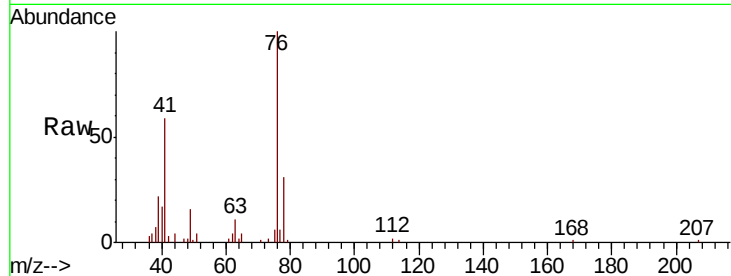
78 31.2 25.7 38.5

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 54.786 ug/l

RT: 9.95 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VD065527.D

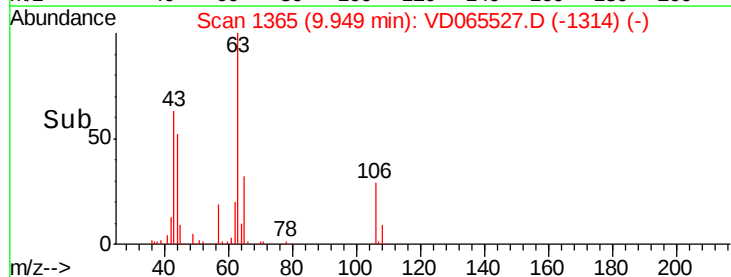
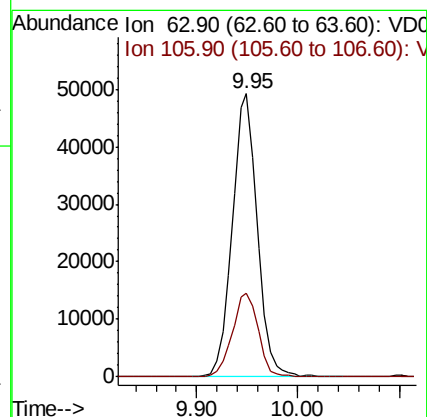
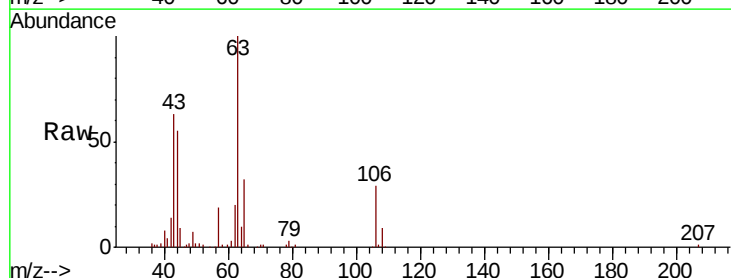
Acq: 26 Mar 2020 16:06

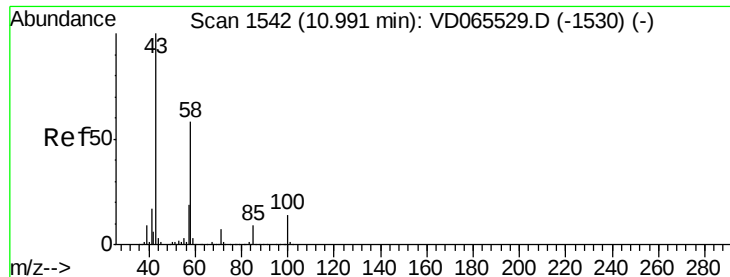
Tgt Ion: 63 Resp: 83940

Ion Ratio Lower Upper

63 100

106 30.8 24.3 36.5





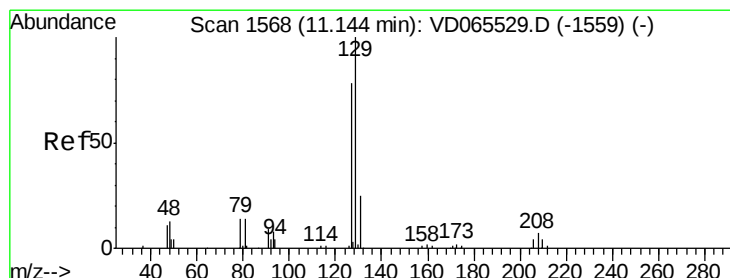
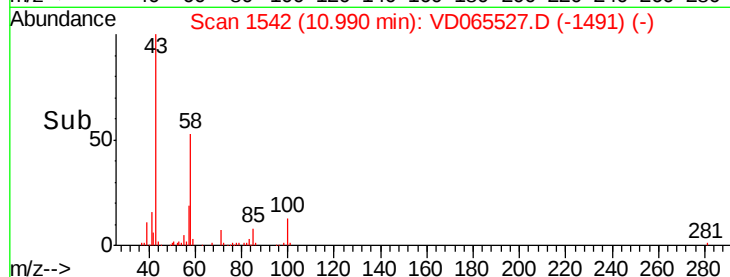
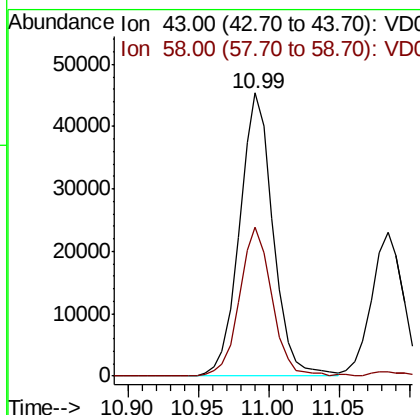
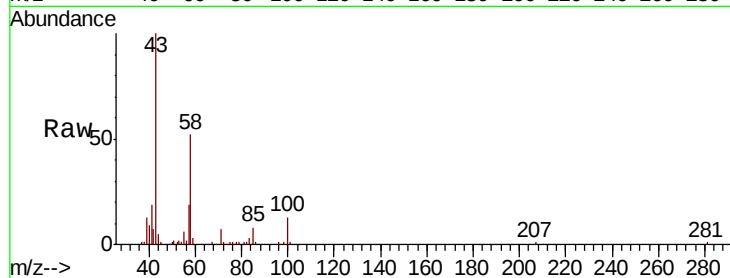
#59
2-Hexanone
Concen: 40.692 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VD065527.D
Acq: 26 Mar 2020 16:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion: 43 Resp: 75168
Ion Ratio Lower Upper
43 100
58 51.1 27.9 83.7

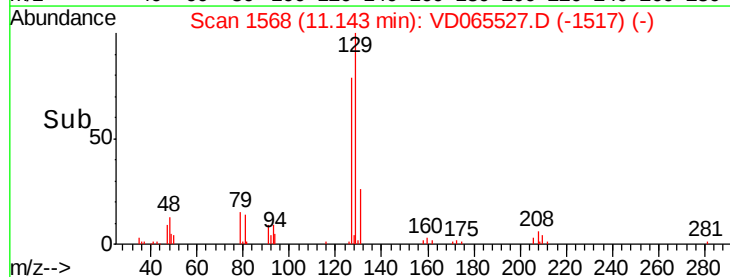
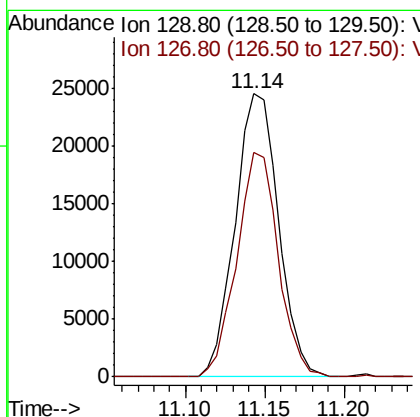
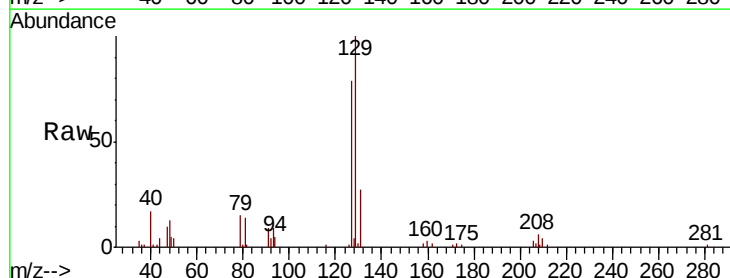
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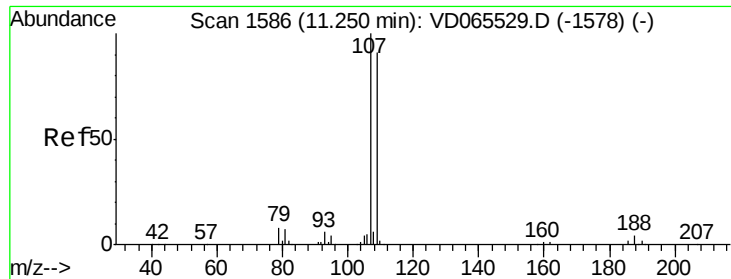
apatel
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#60
Dibromochloromethane
Concen: 9.786 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD065527.D
Acq: 26 Mar 2020 16:06

Tgt Ion: 129 Resp: 46798
Ion Ratio Lower Upper
129 100
127 75.8 38.9 116.6





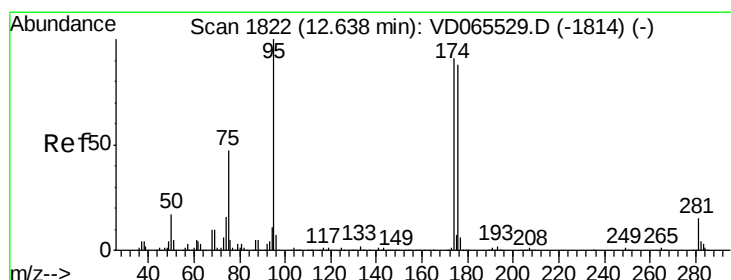
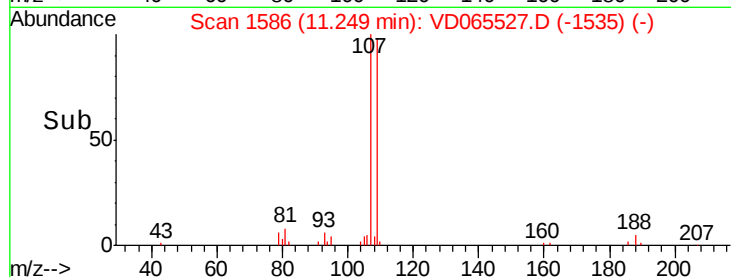
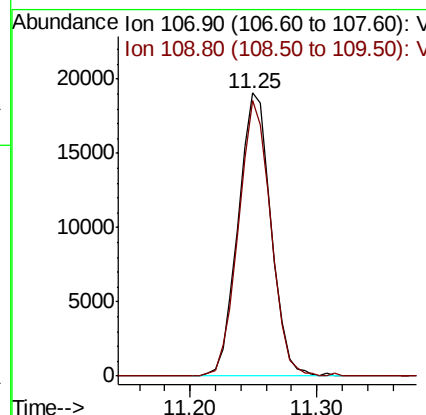
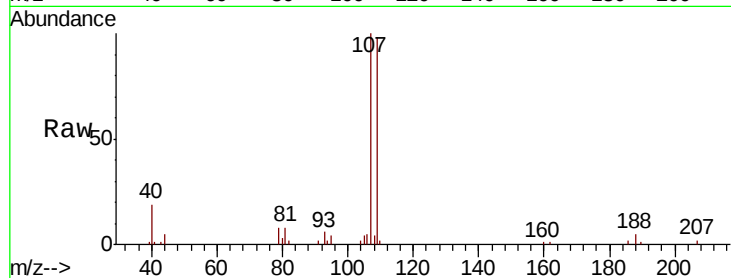
#61
 1,2-Dibromoethane
 Concen: 9.552 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD065527.D
 Acq: 26 Mar 2020 16:06

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.7	74.9	112.3

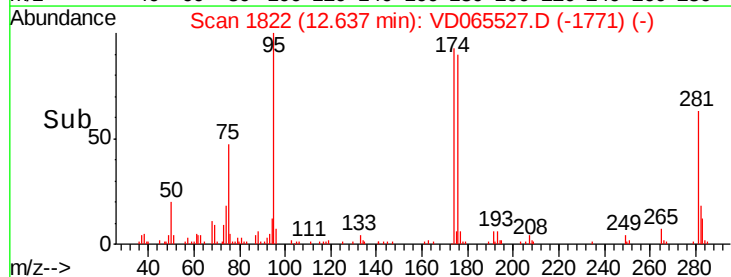
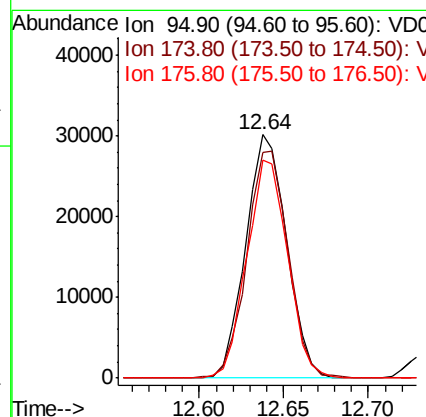
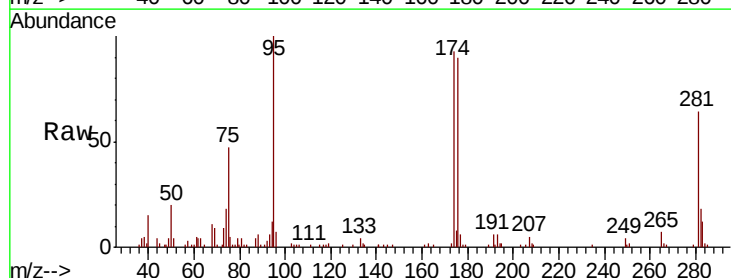
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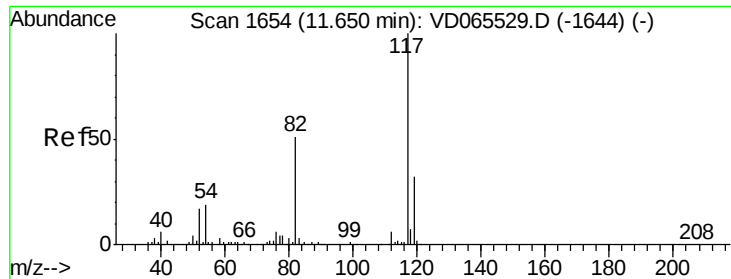
apatel
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#62
 4-Bromofluorobenzene
 Concen: 8.883 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD065527.D
 Acq: 26 Mar 2020 16:06

Tgt Ion	Ratio	Lower	Upper
95	100		
174	94.6	0.0	183.8
176	89.8	0.0	178.2





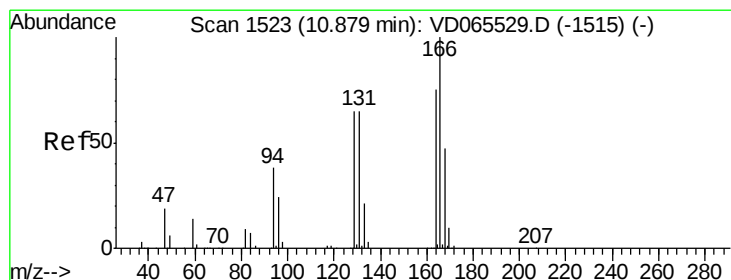
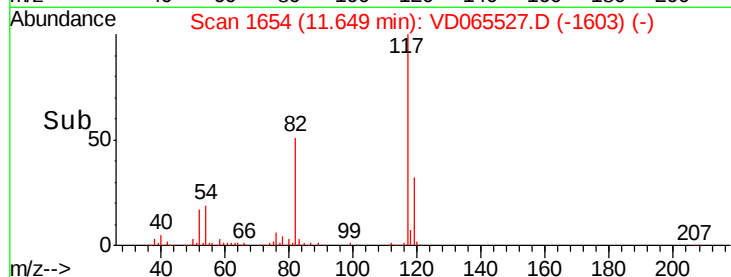
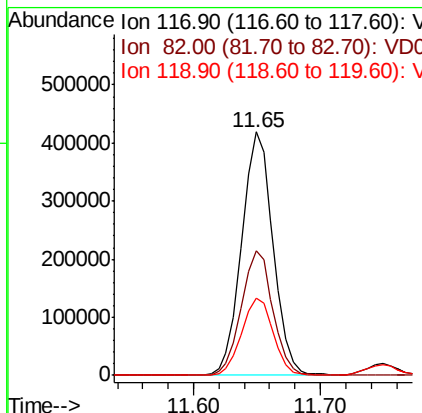
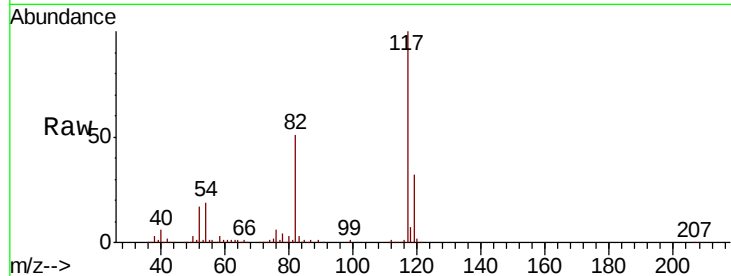
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065527.D
Acq: 26 Mar 2020 16:06

Instrument :
MSVOA_D
ClientSampled :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.2	41.0	61.6
119	31.9	25.5	38.3

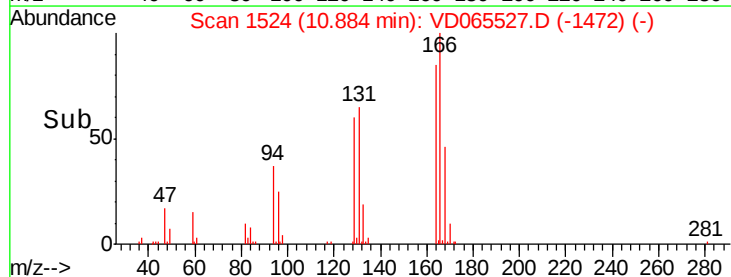
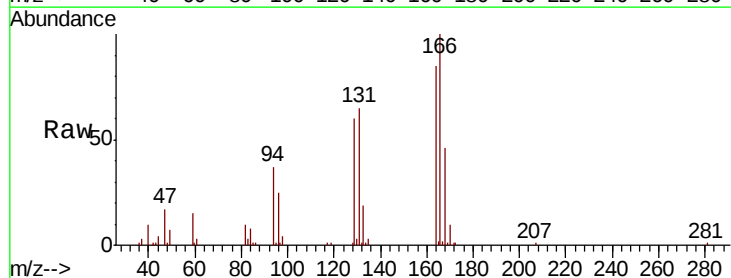
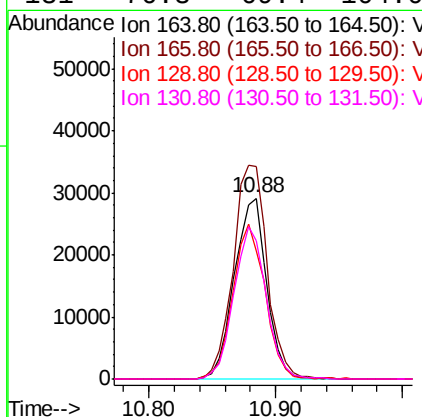
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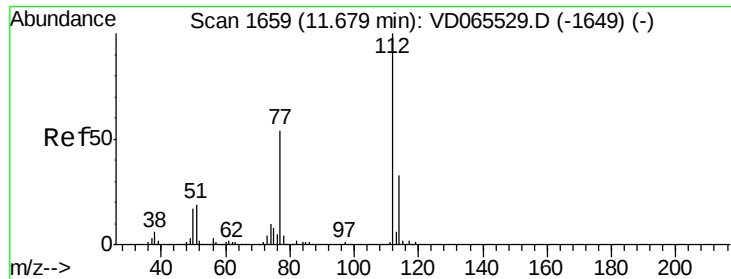
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#64
Tetrachloroethene
Concen: 10.011 ug/l
RT: 10.88 min Scan# 1524
Delta R.T. 0.01 min
Lab File: VD065527.D
Acq: 26 Mar 2020 16:06

Tgt Ion	Ratio	Lower	Upper
164	100		
166	117.8	107.1	160.7
129	71.0	69.2	103.8
131	76.3	69.4	104.0





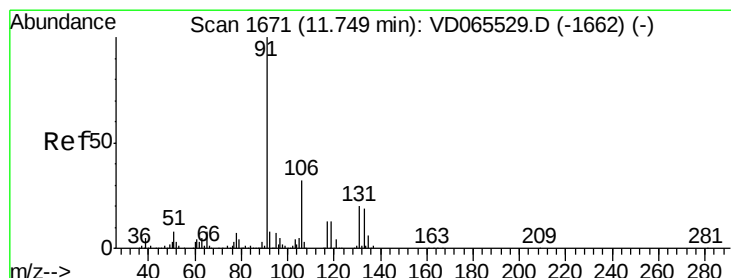
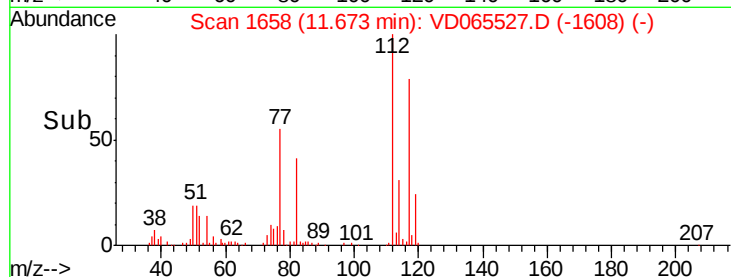
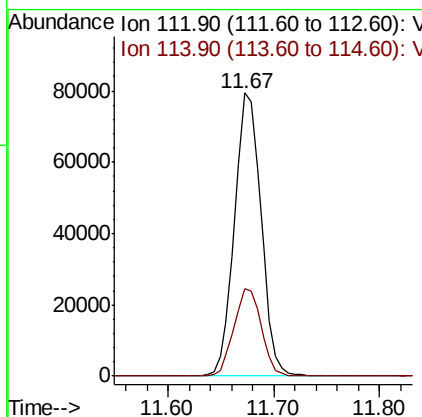
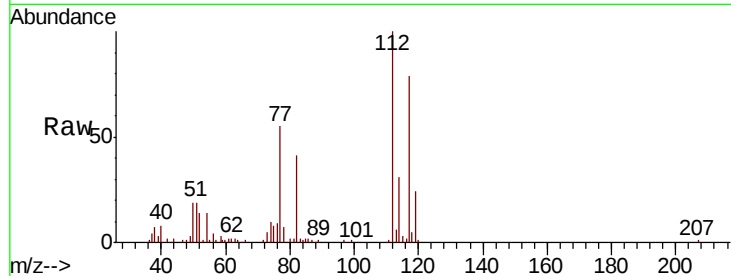
#65
Chlorobenzene
Concen: 9.799 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.01 min
Lab File: VD065527.D
Acq: 26 Mar 2020 16:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion:112 Resp: 138420
Ion Ratio Lower Upper
112 100
114 31.0 26.0 39.0

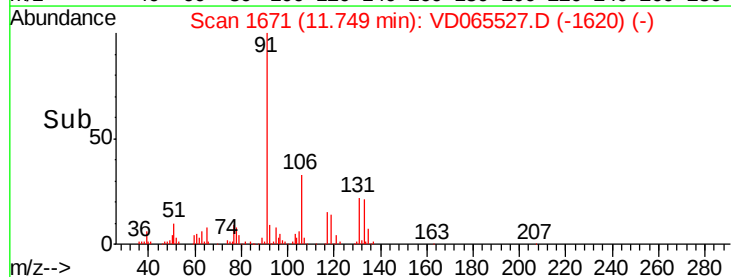
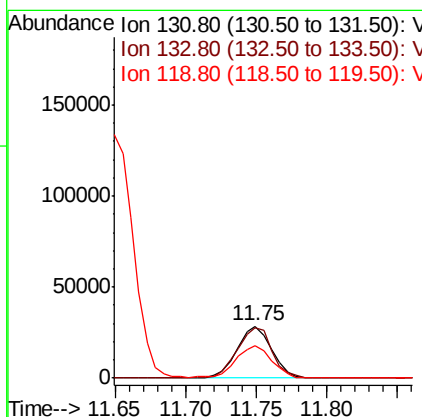
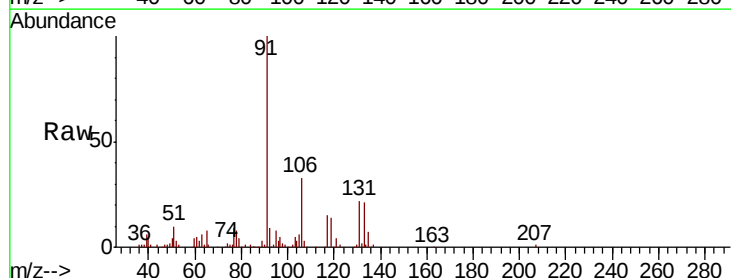
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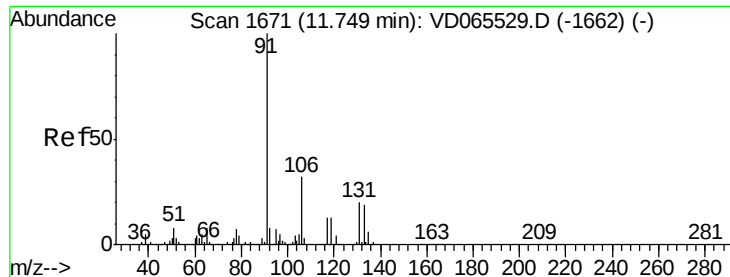
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 9.584 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD065527.D
Acq: 26 Mar 2020 16:06

Tgt Ion:131 Resp: 49587
Ion Ratio Lower Upper
131 100
133 98.5 48.9 146.7
119 64.9 32.5 97.4





#67

Ethyl Benzene

Concen: 8.899 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD065527.D

Acq: 26 Mar 2020 16:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tot Ion: 91 Resp: 216405

Ion Ratio Lower Upper

91 100

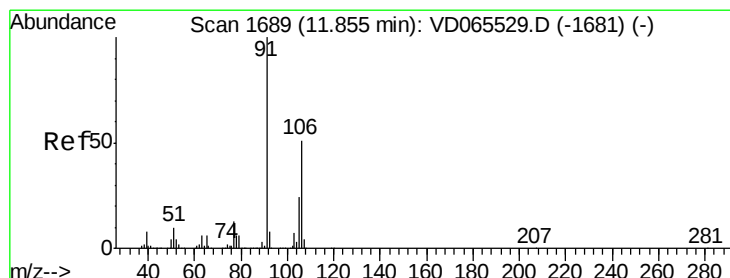
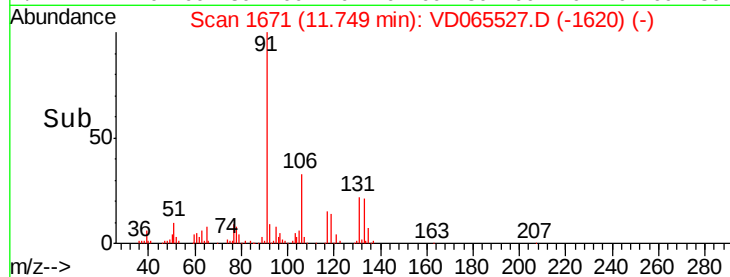
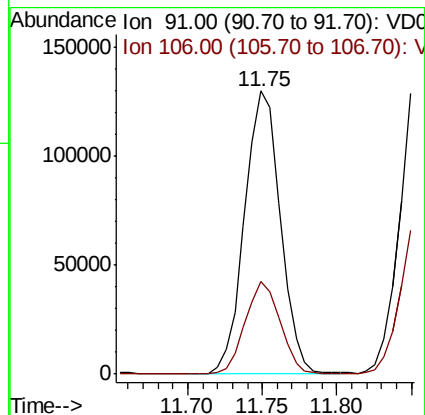
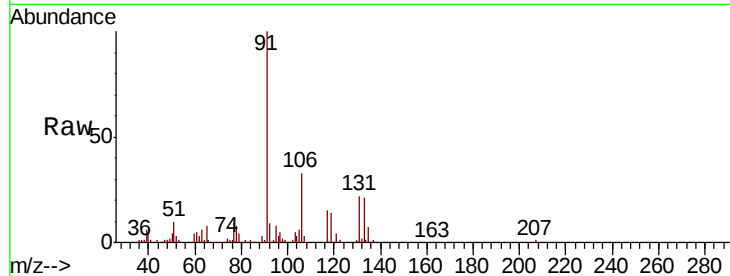
106 32.8 25.4 38.0

Manual Integrations

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#68

m/p-Xylenes

Concen: 18.385 ug/l

RT: 11.86 min Scan# 1690

Delta R.T. 0.01 min

Lab File: VD065527.D

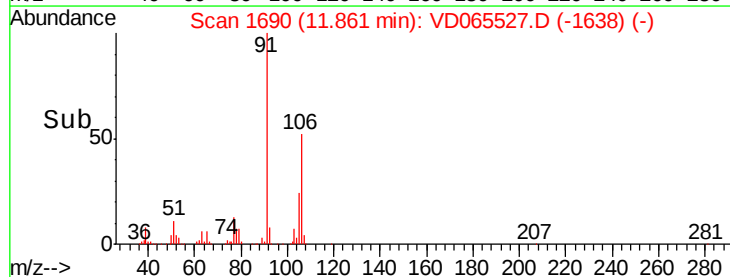
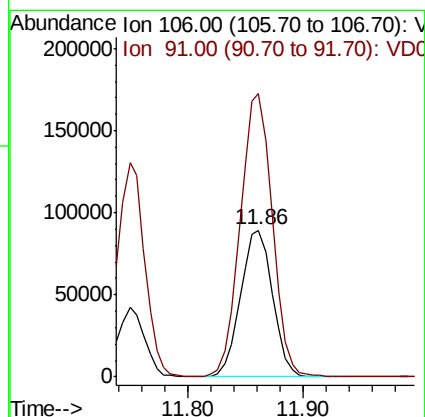
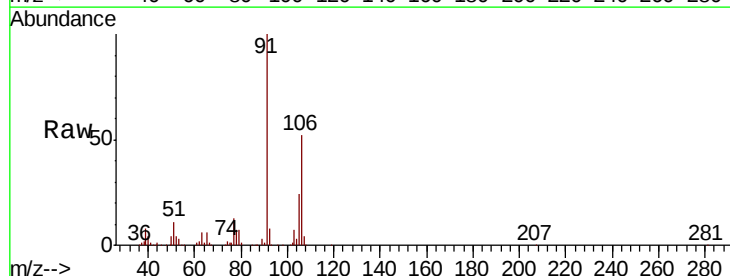
Acq: 26 Mar 2020 16:06

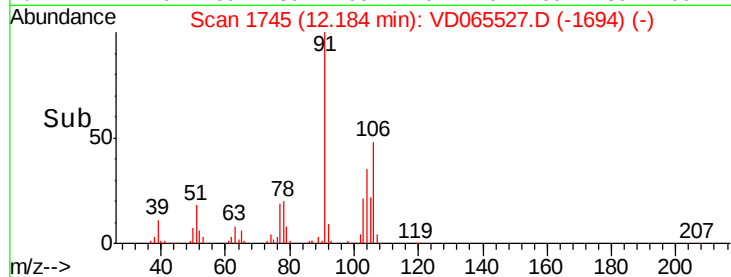
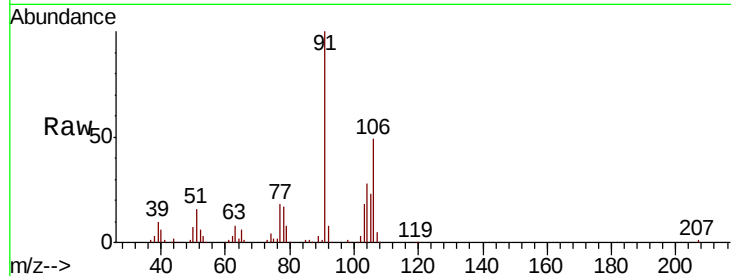
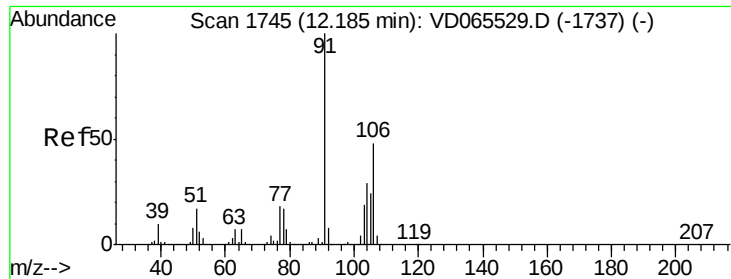
Tgt Ion: 106 Resp: 172553

Ion Ratio Lower Upper

106 100

91 192.1 155.4 233.0





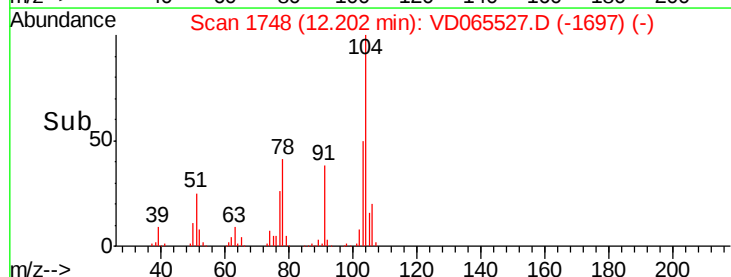
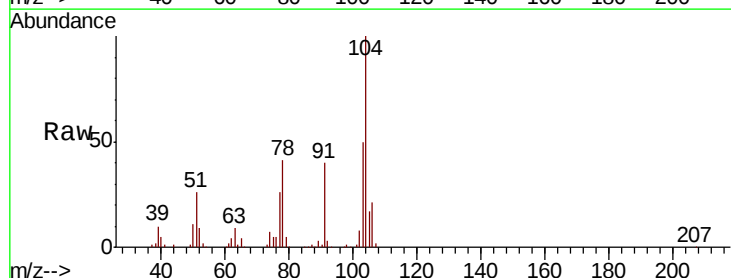
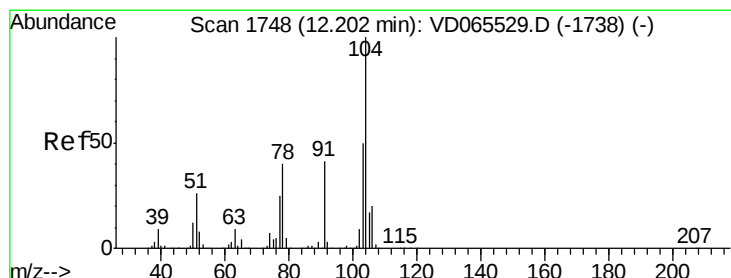
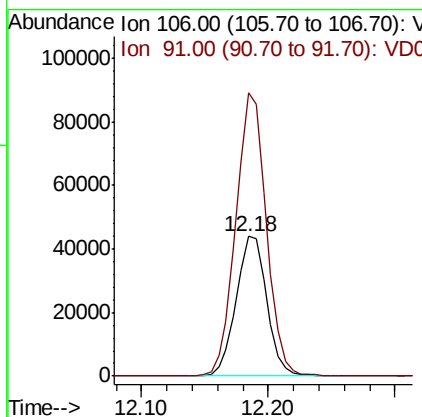
#69
o-Xylene
Concen: 8.915 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD065527.D
Acq: 26 Mar 2020 16:06

Tot Ion:106 Resp: 73638
Ion Ratio Lower Upper
106 100
91 201.5 102.8 308.4

Instrument :
MSVOA_D
ClientSampled :
VSTDIC010

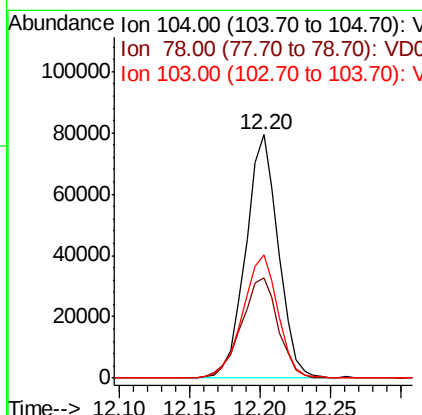
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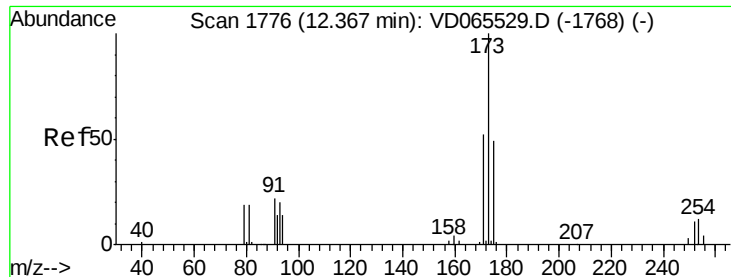
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#70
Styrene
Concen: 8.813 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VD065527.D
Acq: 26 Mar 2020 16:06

Tgt Ion:104 Resp: 128560
Ion Ratio Lower Upper
104 100
78 46.3 36.6 55.0
103 54.6 43.8 65.6





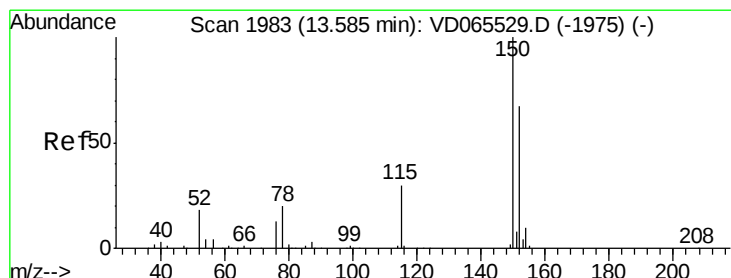
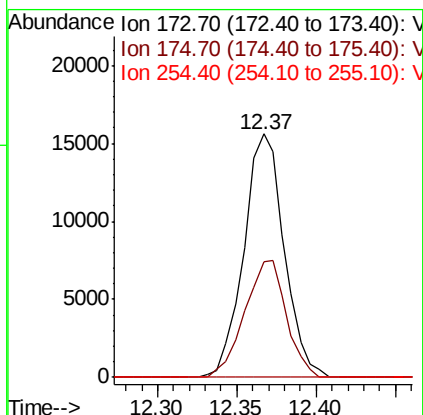
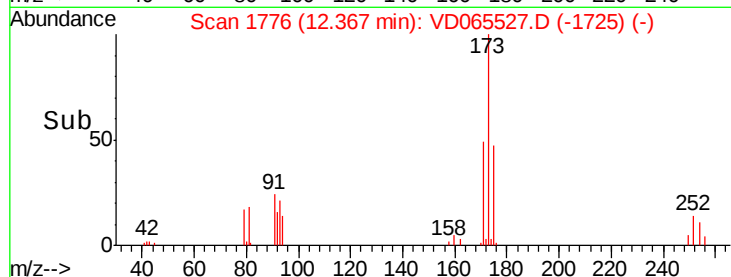
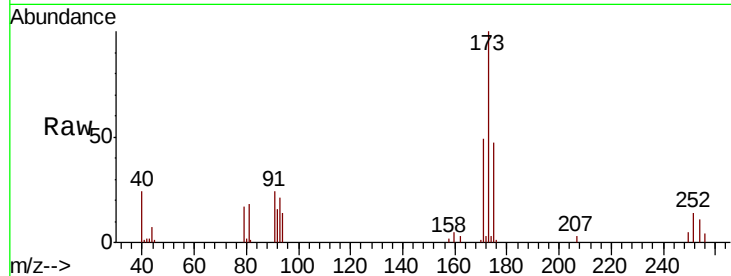
#71
Bromoform
Concen: 9.460 ug/l
RT: 12.37 min Scan# 1776
Delta R.T. -0.00 min
Lab File: VD065527.D
Acq: 26 Mar 2020 16:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.5	24.3	72.8
254	0.0	0.0	0.0

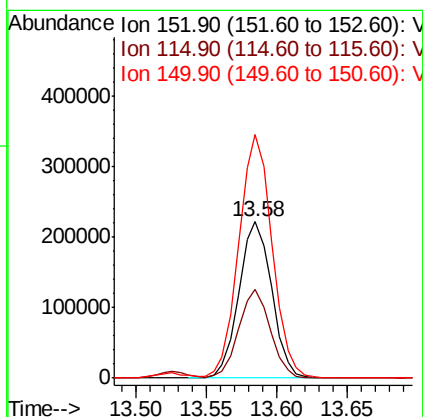
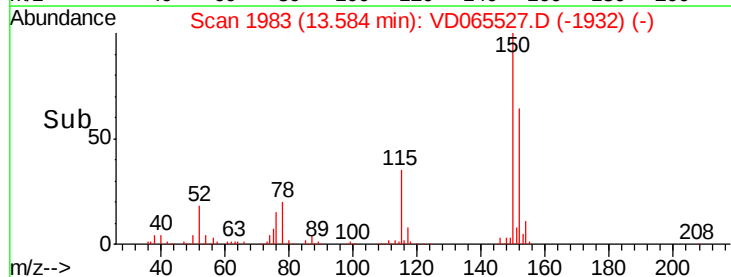
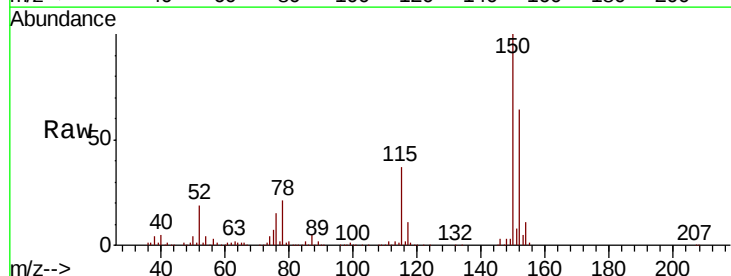
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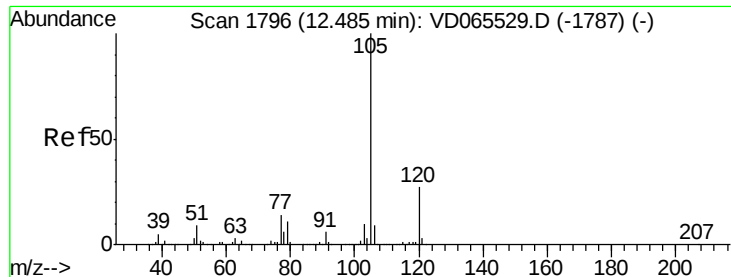
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065527.D
Acq: 26 Mar 2020 16:06

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.0	27.2	81.6
150	158.3	0.0	340.2





#73

Isopropylbenzene

Concen: 8.573 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD065527.D

Acq: 26 Mar 2020 16:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tot Ion: 105 Resp: 199451

Ion Ratio Lower Upper

105 100

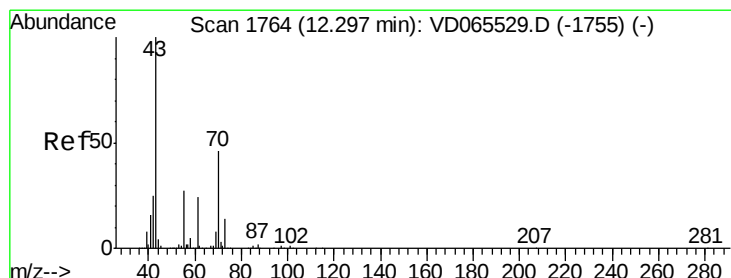
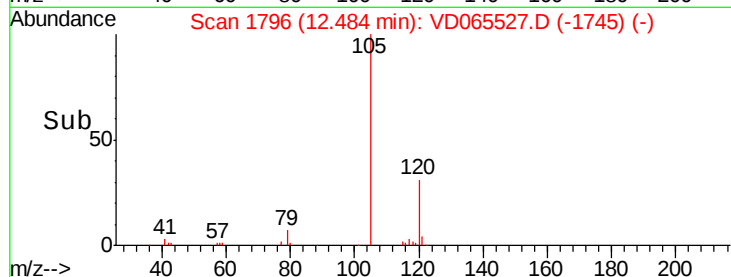
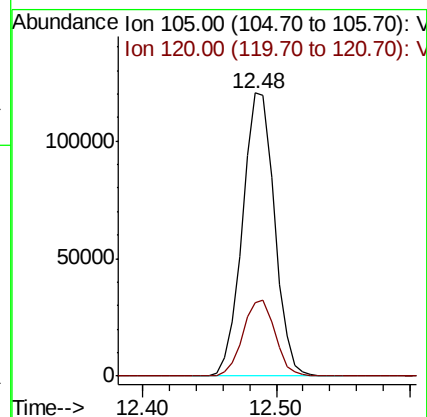
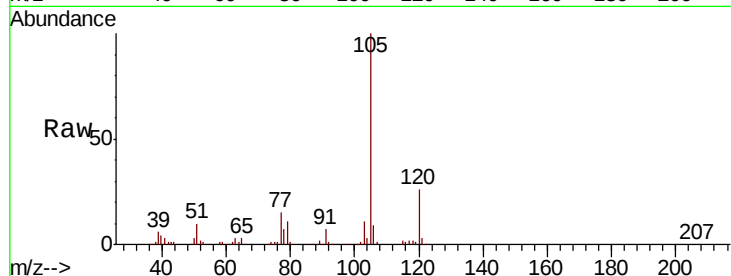
120 27.0 13.7 41.0

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#74

N-ethyl acetate

Concen: 7.693 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VD065527.D

Acq: 26 Mar 2020 16:06

Tgt Ion: 43 Resp: 36682

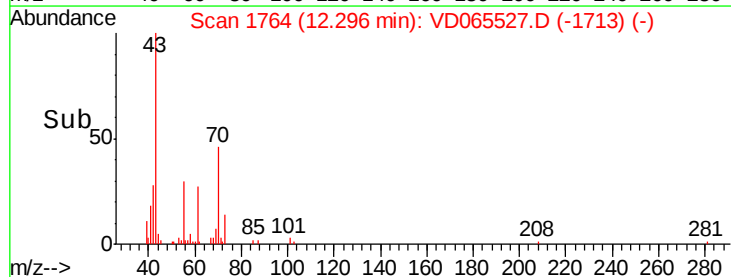
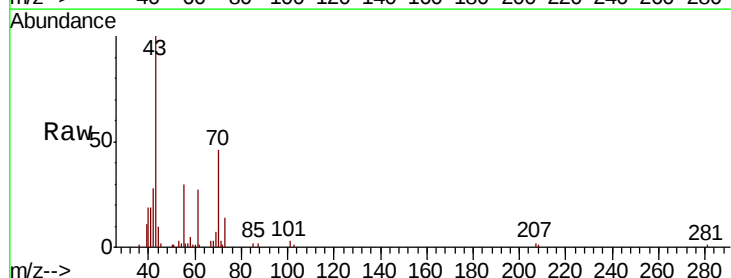
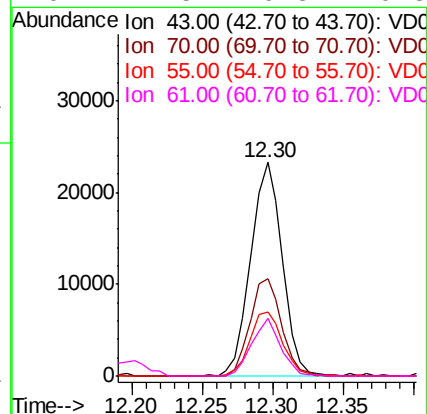
Ion Ratio Lower Upper

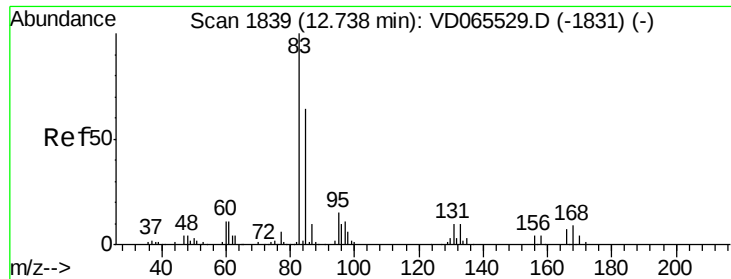
43 100

70 45.2 36.2 54.2

55 31.1 22.2 33.4

61 24.5 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 9.160 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD065527.D

Acq: 26 Mar 2020 16:06

Instrument :

MSVOA_D

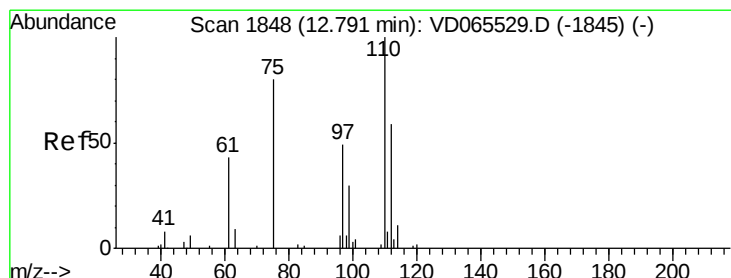
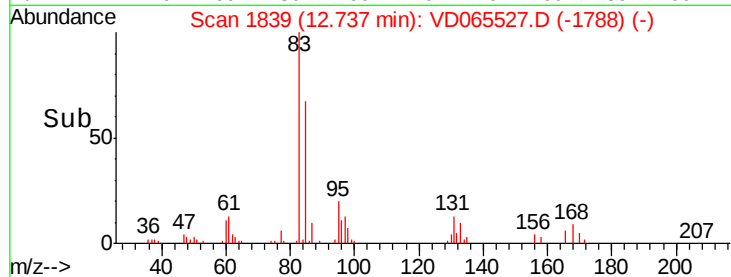
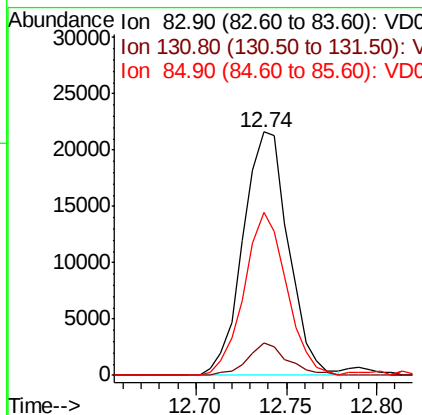
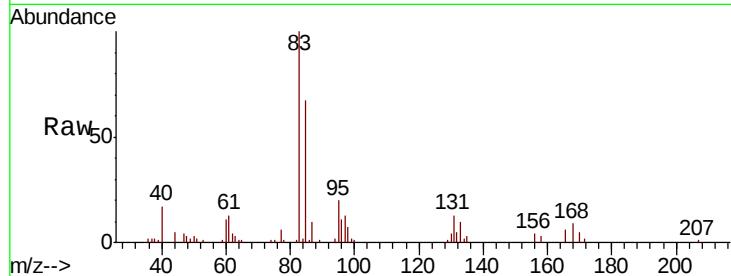
ClientSampleId :

VSTDIC010

Tot Ion:	83	Resp:	37649
Ion	Ratio	Lower	Upper
83	100		
131	11.7	5.6	16.8
85	62.4	32.6	98.0

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#76

1,2,3-Trichloropropane

Concen: 9.793 ug/l m

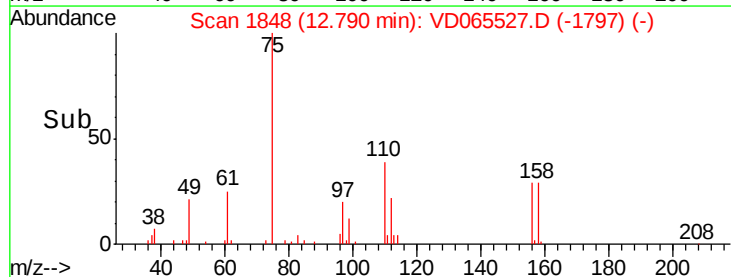
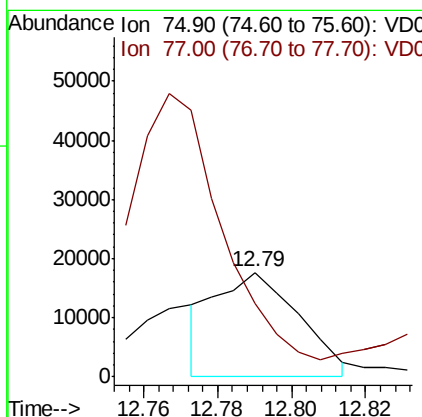
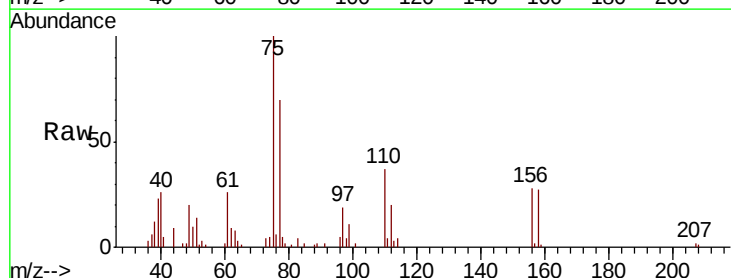
RT: 12.79 min Scan# 1848

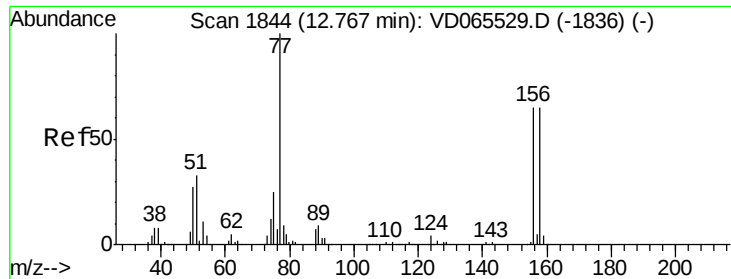
Delta R.T. -0.00 min

Lab File: VD065527.D

Acq: 26 Mar 2020 16:06

Tgt Ion:	75	Resp:	28112
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 9.349 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD065527.D

Acq: 26 Mar 2020 16:06

Instrument :

MSVOA_D

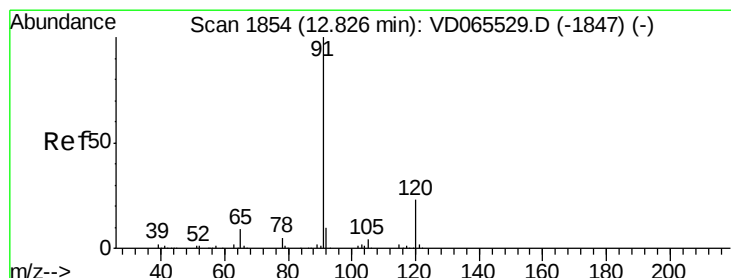
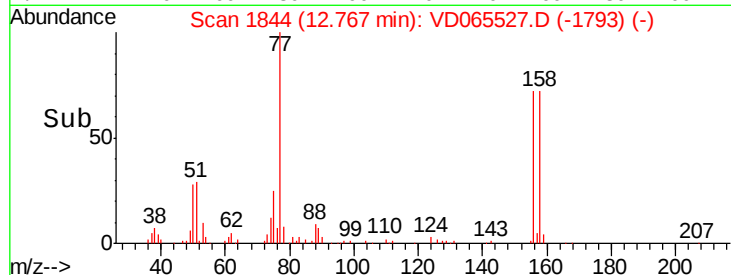
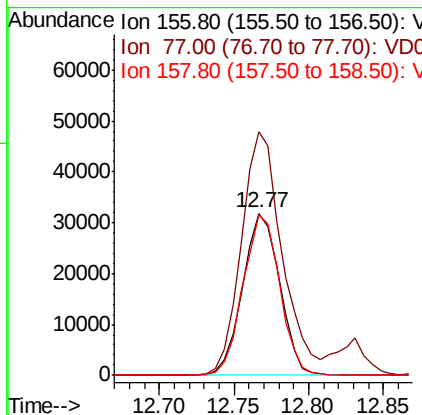
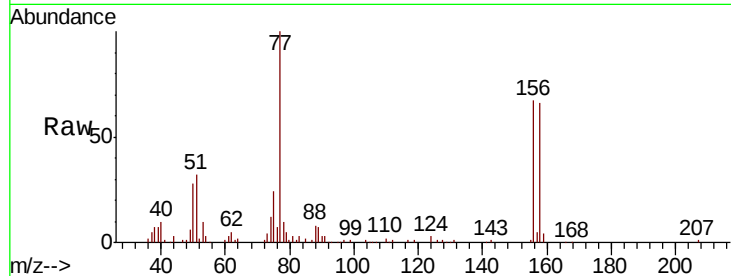
ClientSampleId :

VSTDIC010

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	165.8	81.8	245.3	
158	98.0	49.1	147.4	

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#78

n-propylbenzene

Concen: 8.607 ug/l

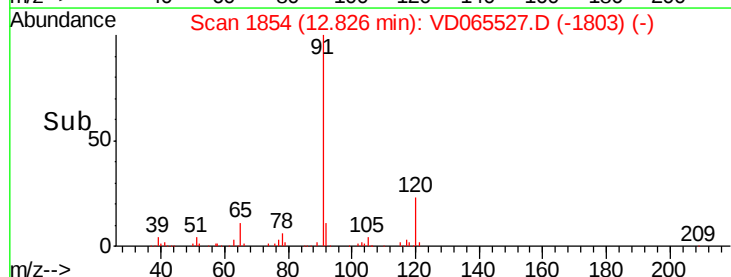
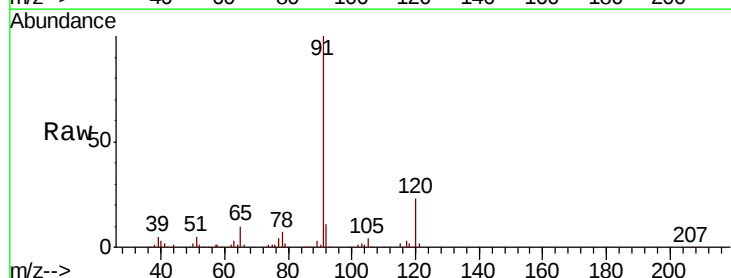
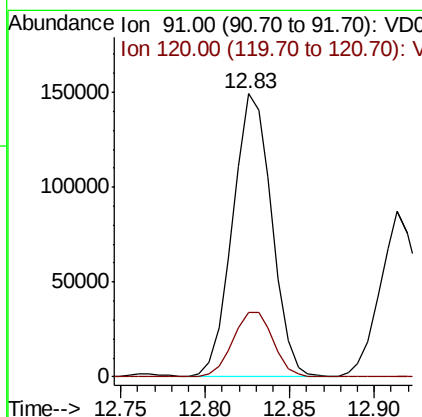
RT: 12.83 min Scan# 1854

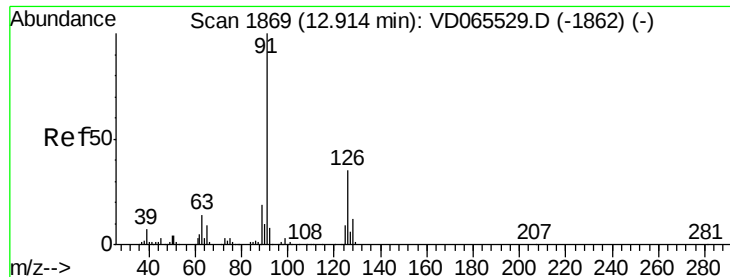
Delta R.T. -0.00 min

Lab File: VD065527.D

Acq: 26 Mar 2020 16:06

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	23.8	11.8	35.4	





#79

2-Chlorotoluene

Concen: 9.020 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. -0.00 min

Lab File: VD065527.D

Acq: 26 Mar 2020 16:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tot Ion: 91 Resp: 141118

Ion Ratio Lower Upper

91 100

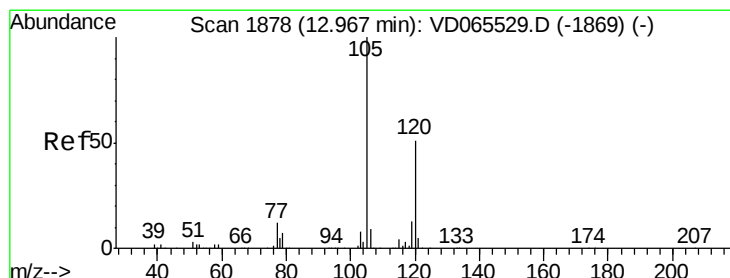
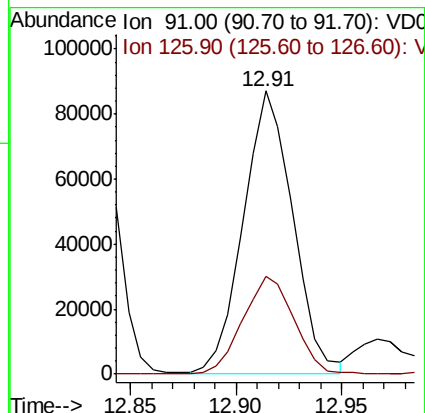
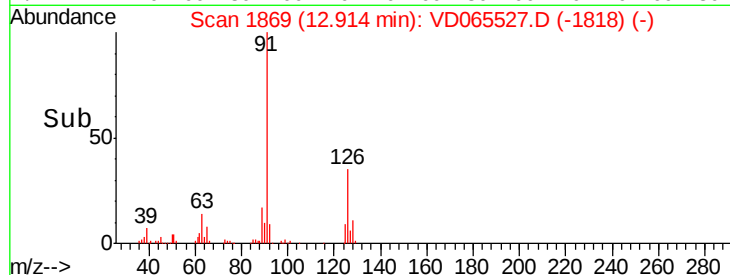
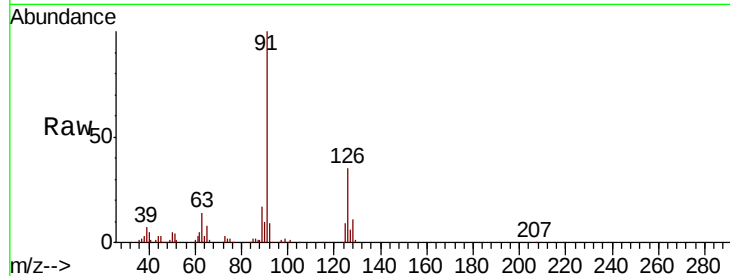
126 35.6 17.8 53.4

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#80

1,3,5-Trimethylbenzene

Concen: 8.668 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. -0.00 min

Lab File: VD065527.D

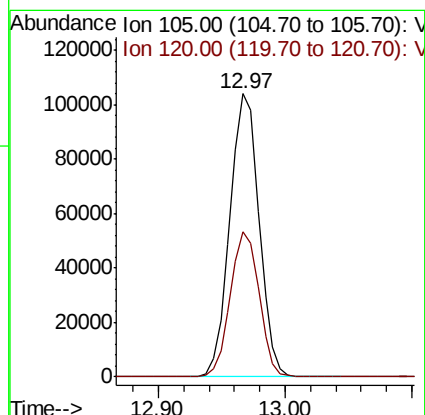
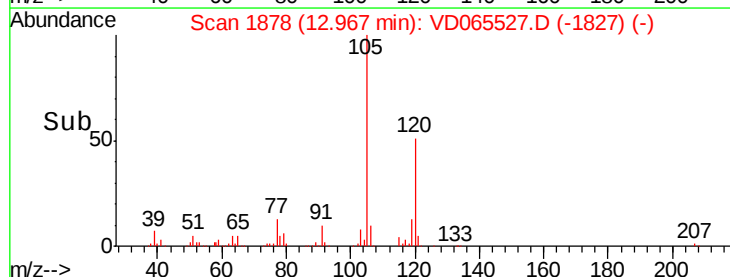
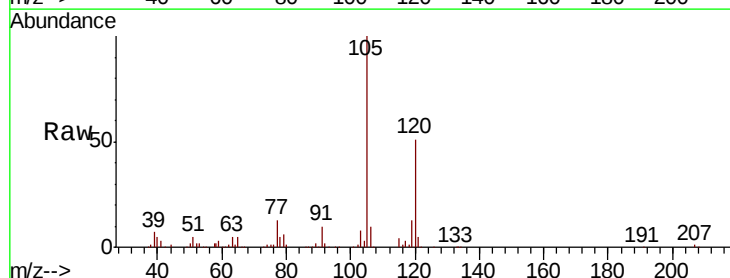
Acq: 26 Mar 2020 16:06

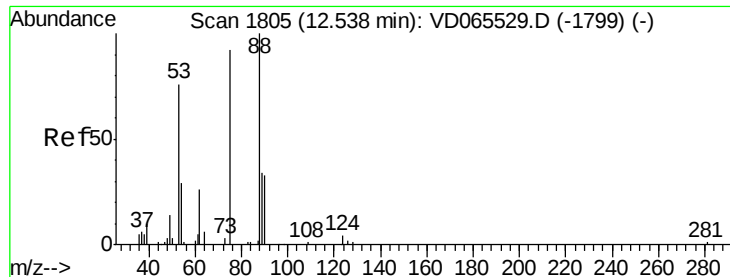
Tgt Ion: 105 Resp: 165913

Ion Ratio Lower Upper

105 100

120 50.7 25.6 76.6





#81

trans-1,4-Dichloro-2-butene

Concen: 8.265 ug/l

RT: 12.54 min Scan# 1805

Delta R.T. -0.00 min

Lab File: VD065527.D

Acq: 26 Mar 2020 16:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tot Ion: 75 Resp: 11005

Ion Ratio Lower Upper

75 100

53 99.1 72.4 108.6

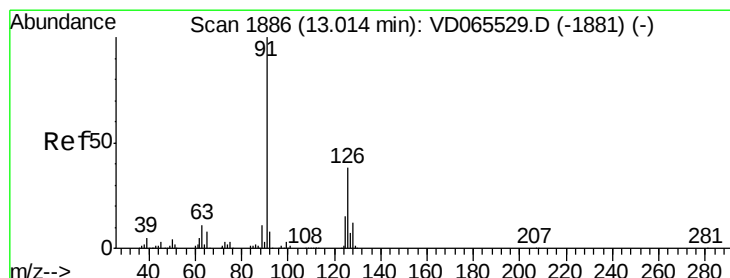
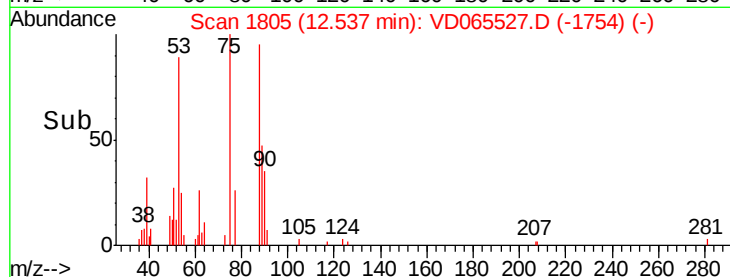
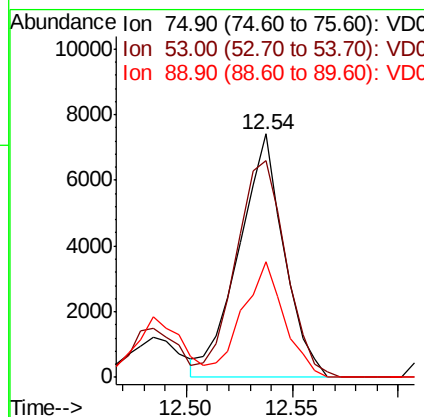
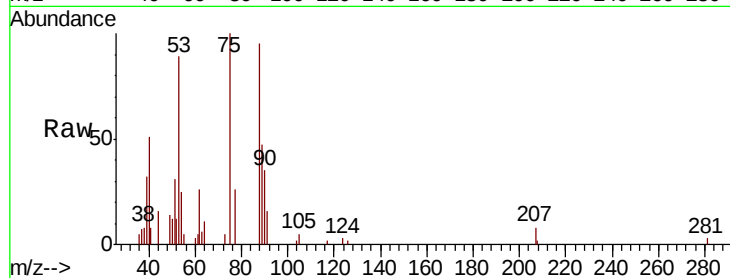
89 44.5 36.9 55.3

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#82

4-Chlorotoluene

Concen: 9.307 ug/l

RT: 13.01 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VD065527.D

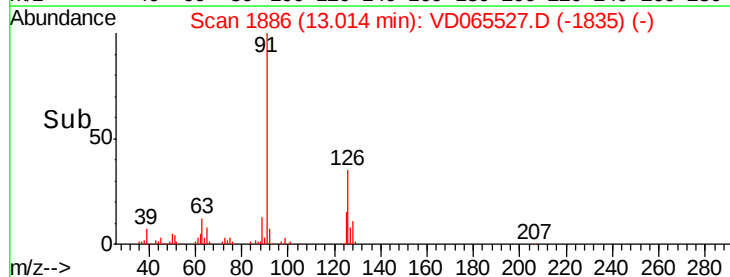
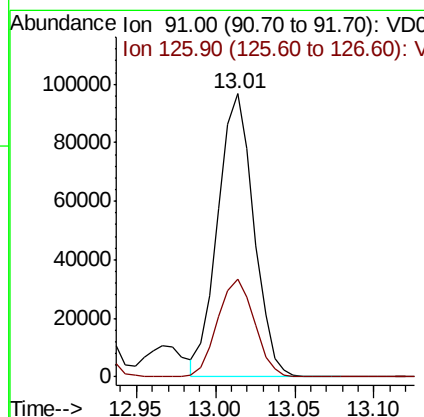
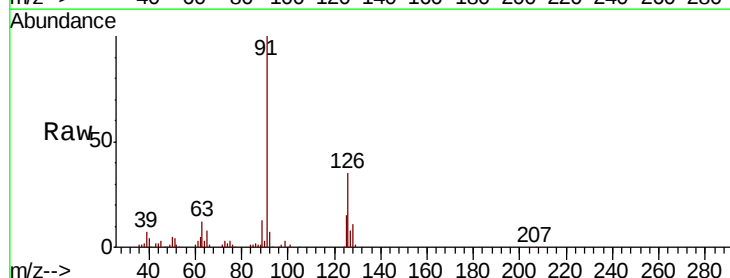
Acq: 26 Mar 2020 16:06

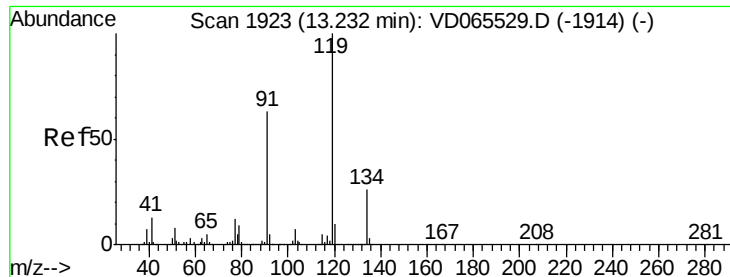
Tgt Ion: 91 Resp: 152869

Ion Ratio Lower Upper

91 100

126 35.6 17.9 53.7





#83

tert-Butylbenzene

Concen: 8.264 ug/l

RT: 13.23 min Scan# 1923

Delta R.T. -0.00 min

Lab File: VD065527.D

Acq: 26 Mar 2020 16:06

Instrument :

MSVOA_D

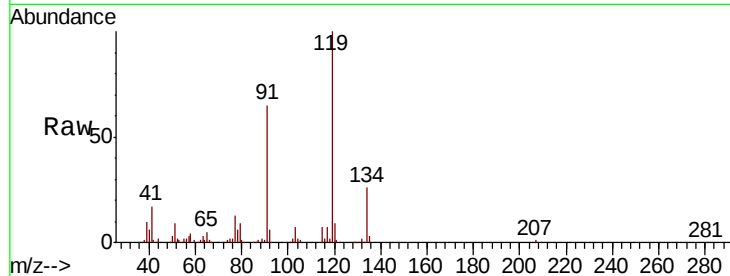
ClientSampleId :

VSTDIC010

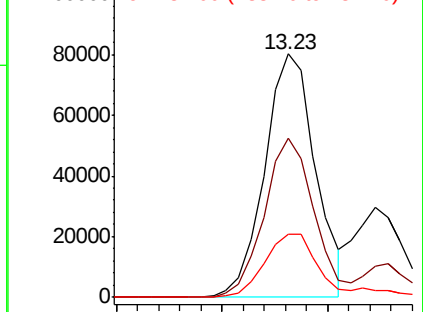
Tot Ion:	119	Resp:	134120
Ion Ratio	Lower	Upper	
119	100		
91	64.2	31.4	94.0
134	26.9	13.9	41.6

Manual Integrations
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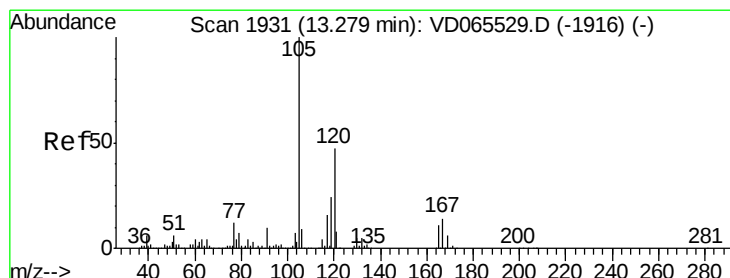
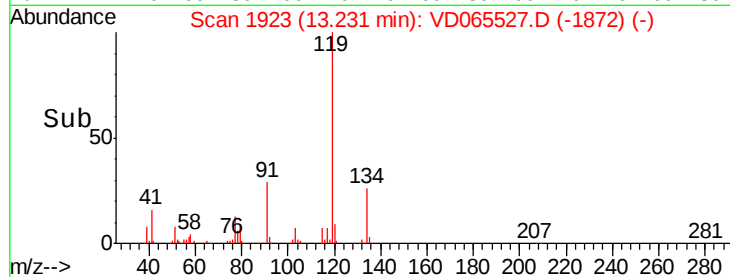
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Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V



Time--> 13.15 13.20 13.25



#84

1,2,4-Trimethylbenzene

Concen: 8.791 ug/l

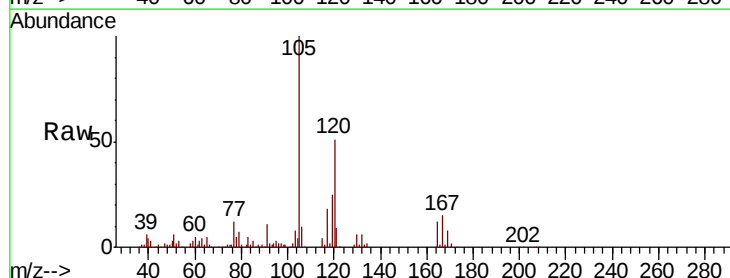
RT: 13.28 min Scan# 1931

Delta R.T. -0.00 min

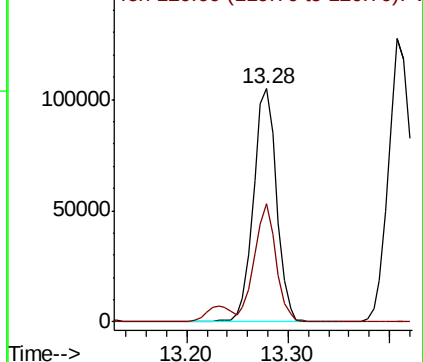
Lab File: VD065527.D

Acq: 26 Mar 2020 16:06

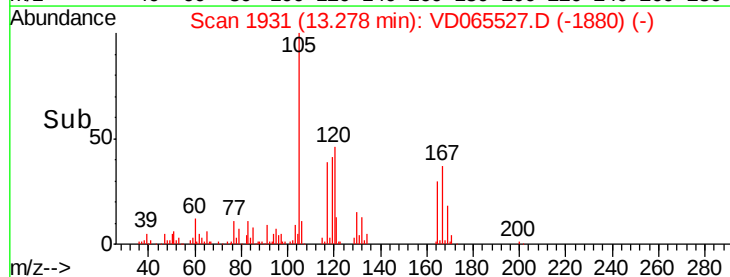
Tgt Ion:	105	Resp:	166301
Ion Ratio	Lower	Upper	
105	100		
120	47.1	23.5	70.5

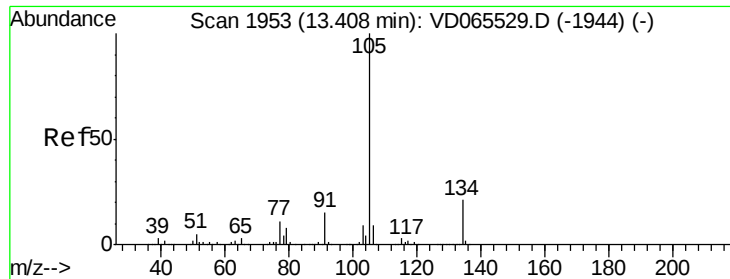


Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V



Time--> 13.20 13.30





#85

sec-Butylbenzene

Concen: 8.638 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. -0.00 min

Lab File: VD065527.D

Acq: 26 Mar 2020 16:06

Instrument :

MSVOA_D

ClientSampled :

VSTDIC010

Tot Ion:105 Resp: 199315

Ion Ratio Lower Upper

105 100

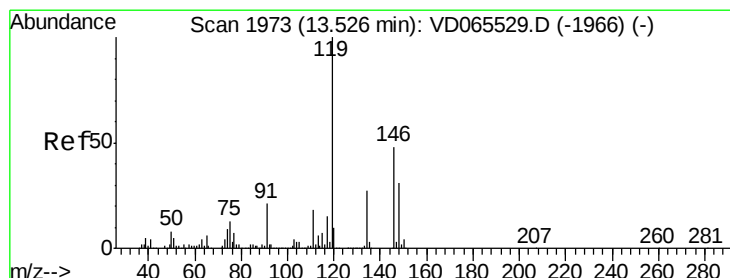
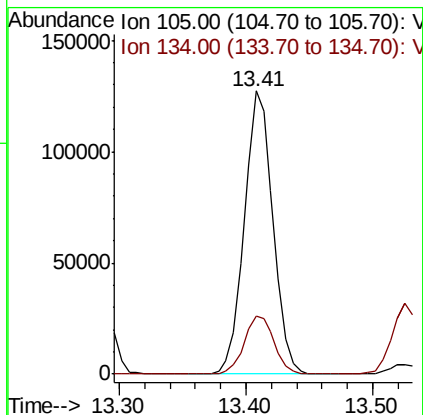
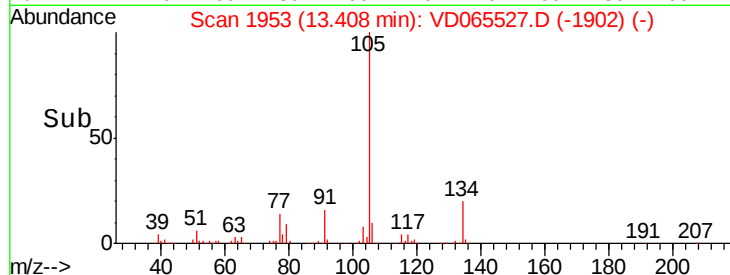
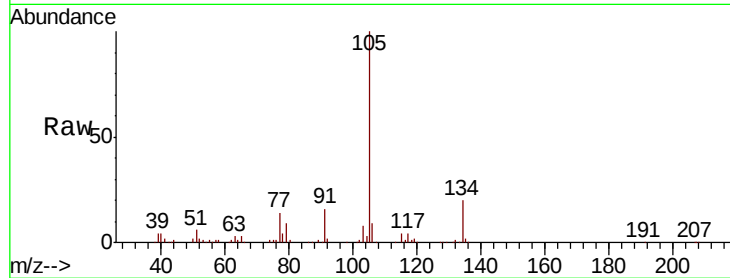
134 21.2 10.6 31.8

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#86

p-Isopropyltoluene

Concen: 8.661 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. -0.00 min

Lab File: VD065527.D

Acq: 26 Mar 2020 16:06

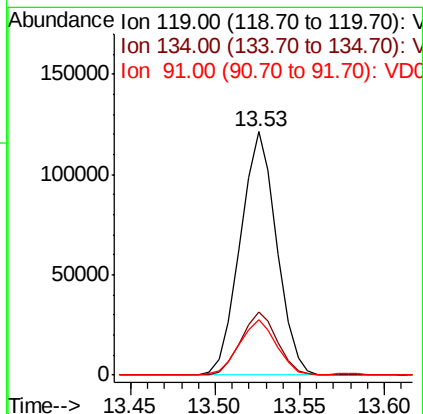
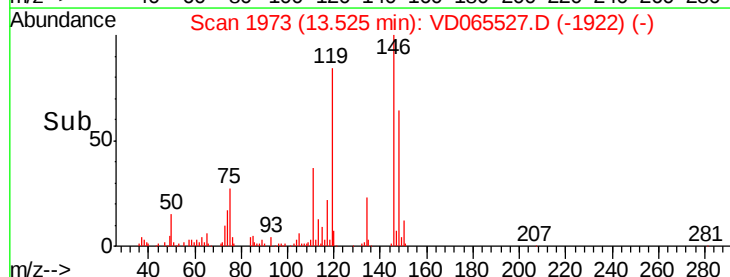
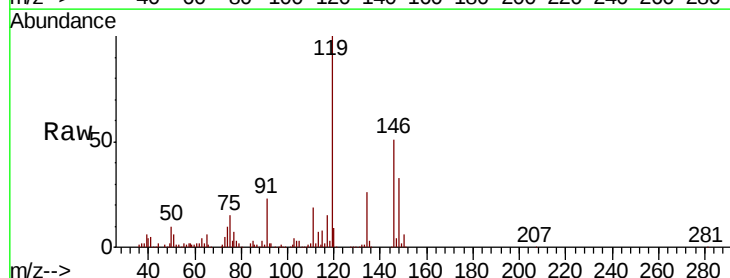
Tgt Ion:119 Resp: 182564

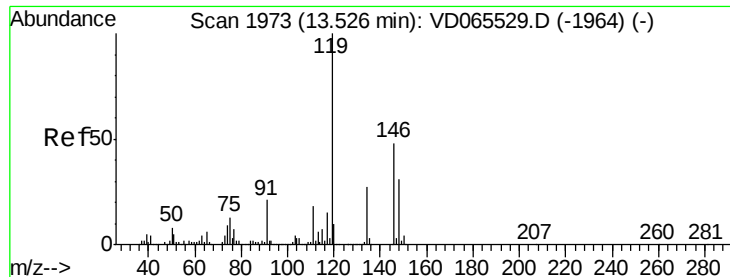
Ion Ratio Lower Upper

119 100

134 25.9 13.5 40.5

91 22.7 10.8 32.3





#87

1,3-Dichlorobenzene

Concen: 9.651 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. -0.00 min

Lab File: VD065527.D

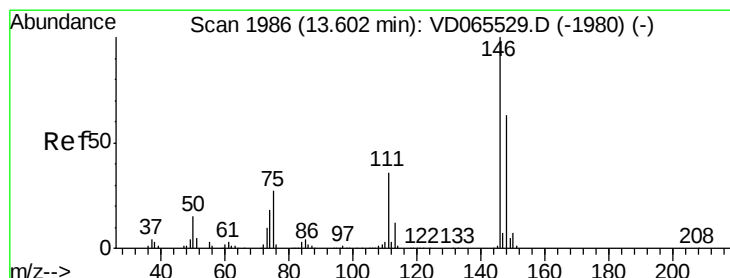
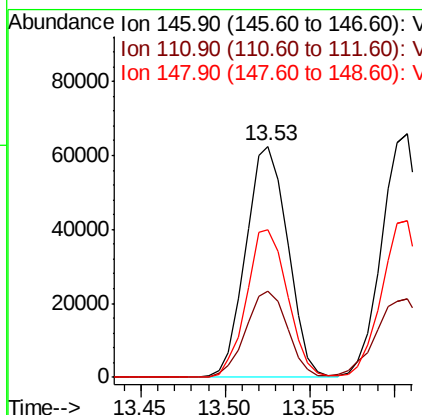
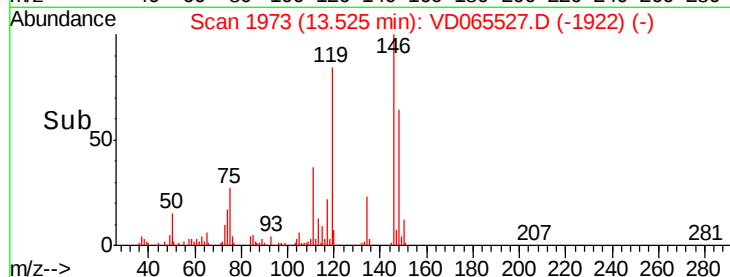
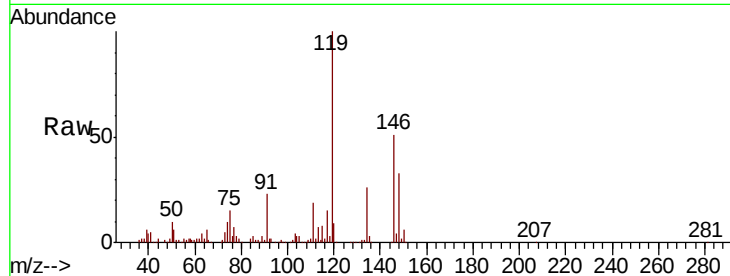
Acq: 26 Mar 2020 16:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.5	55.5
148	62.5	31.8	95.4

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#88

1,4-Dichlorobenzene

Concen: 9.778 ug/l

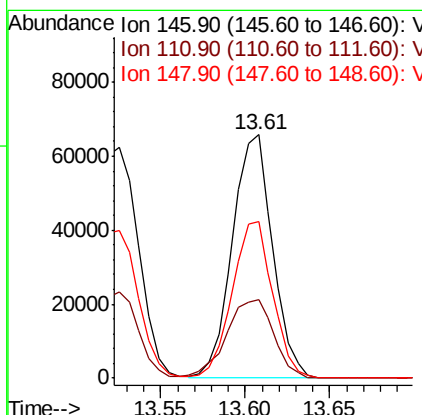
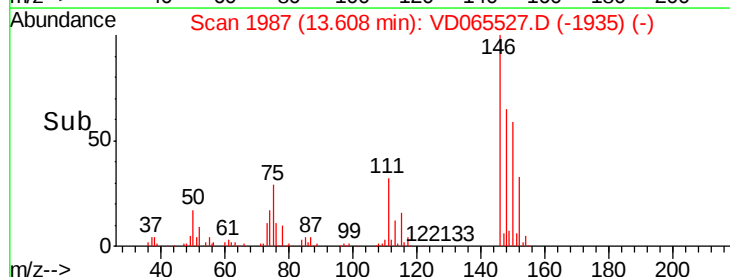
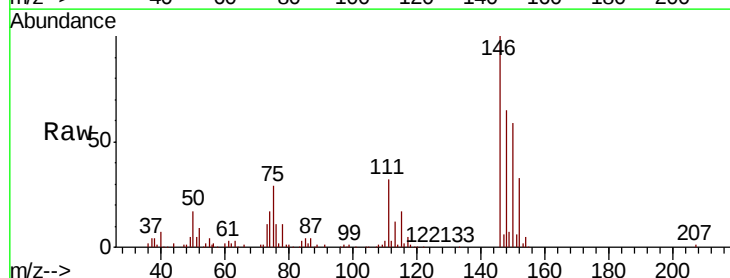
RT: 13.61 min Scan# 1987

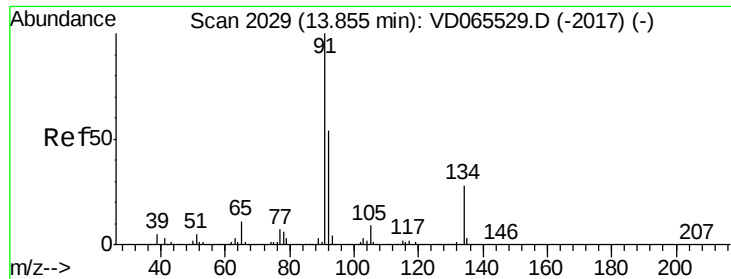
Delta R.T. 0.01 min

Lab File: VD065527.D

Acq: 26 Mar 2020 16:06

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.0	54.0
148	64.9	31.6	94.8





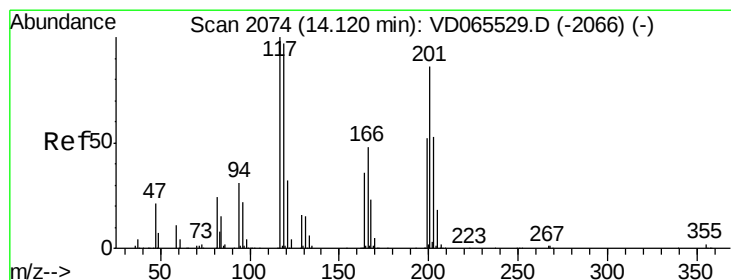
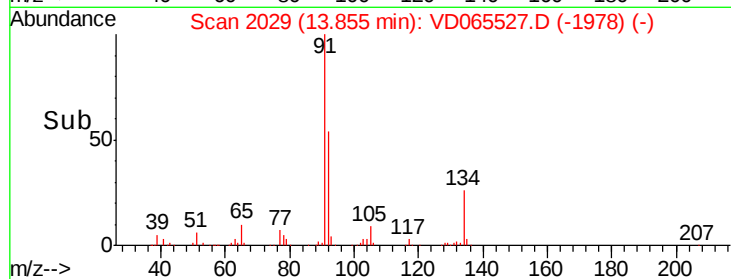
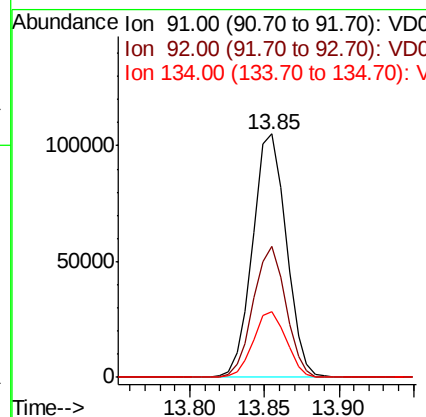
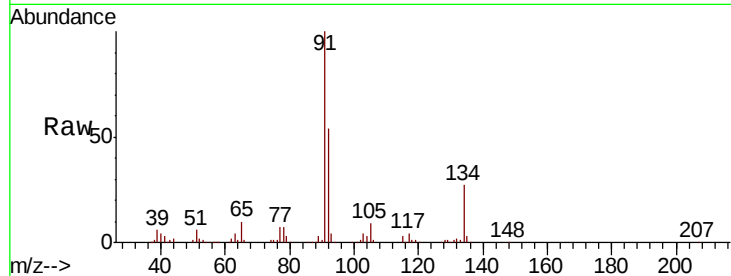
#89
n-Butylbenzene
Concen: 8.437 ug/l
RT: 13.85 min Scan# 2029
Delta R.T. -0.00 min
Lab File: VD065527.D
Acq: 26 Mar 2020 16:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.0	26.8	80.4
134	26.5	13.7	41.0

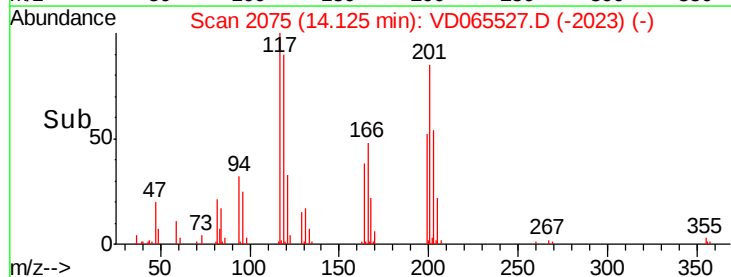
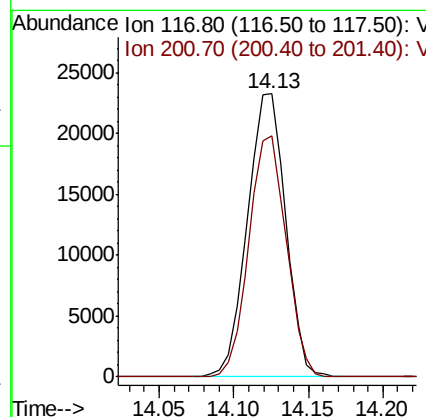
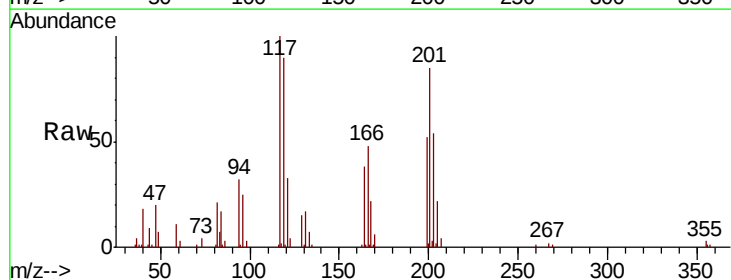
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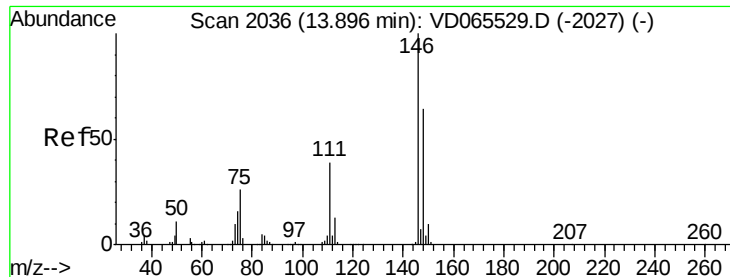
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#90
Hexachloroethane
Concen: 9.486 ug/l
RT: 14.13 min Scan# 2075
Delta R.T. 0.01 min
Lab File: VD065527.D
Acq: 26 Mar 2020 16:06

Tgt Ion	Ratio	Lower	Upper
117	100		
201	83.0	43.9	131.6





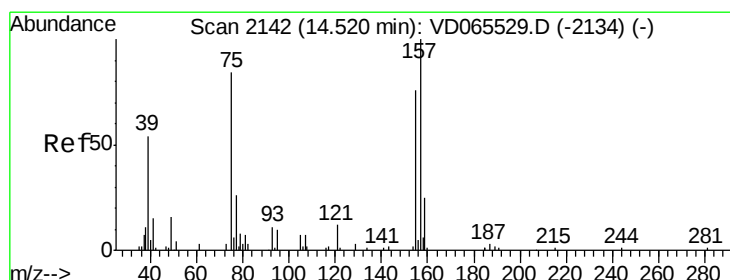
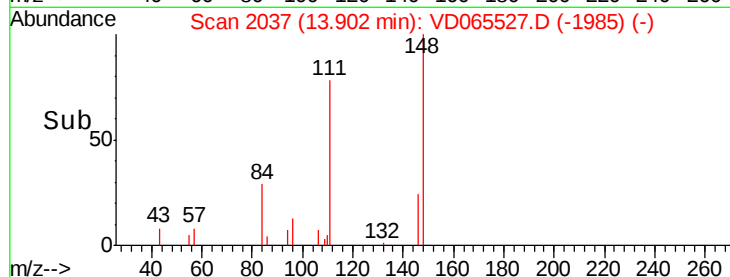
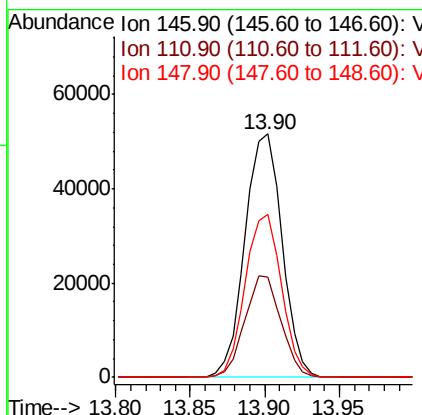
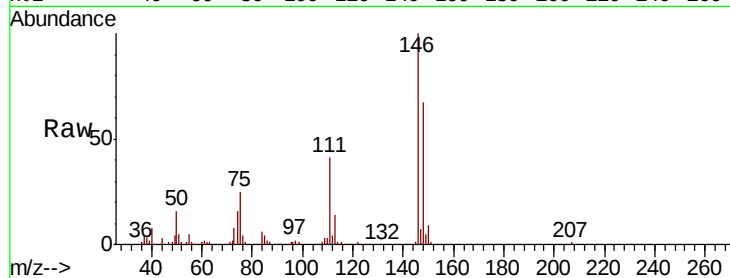
#91
 1,2-Dichlorobenzene
 Concen: 9.326 ug/l
 RT: 13.90 min Scan# 2037
 Delta R.T. 0.01 min
 Lab File: VD065527.D
 Acq: 26 Mar 2020 16:06

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	19.4	58.4
148	65.6	32.1	96.5

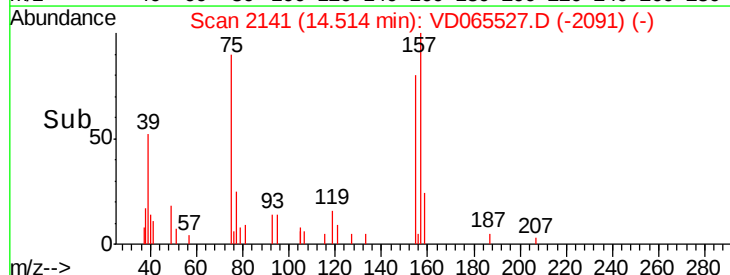
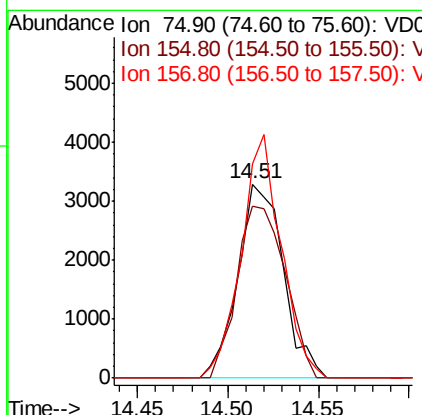
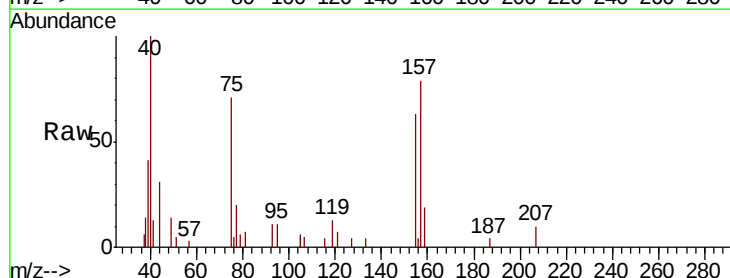
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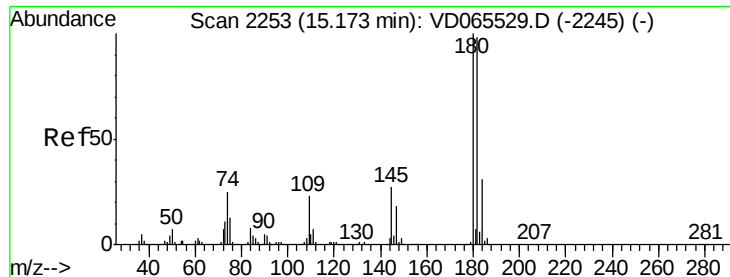
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 9.140 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. -0.01 min
 Lab File: VD065527.D
 Acq: 26 Mar 2020 16:06

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.6	46.2	138.6
157	110.2	57.9	173.7





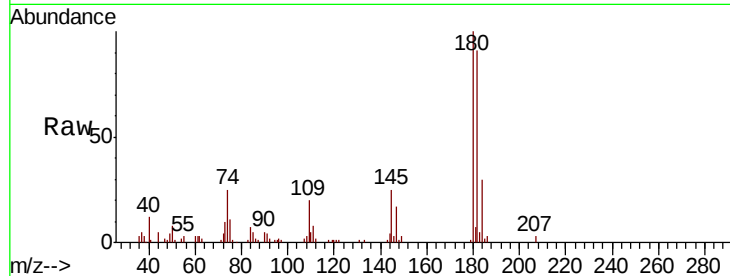
#93
 1,2,4-Trichlorobenzene
 Concen: 8.845 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: VD065527.D
 Acq: 26 Mar 2020 16:06

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

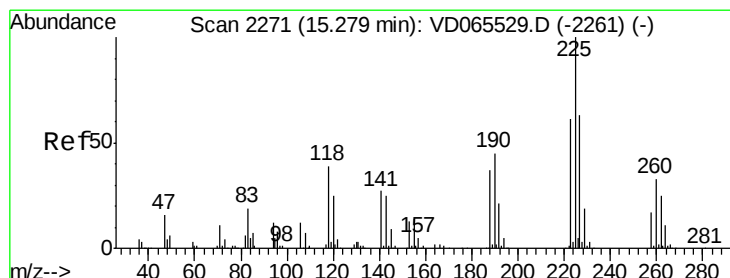
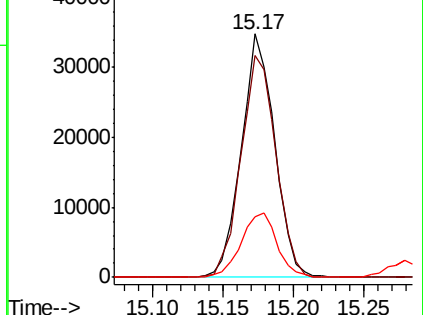
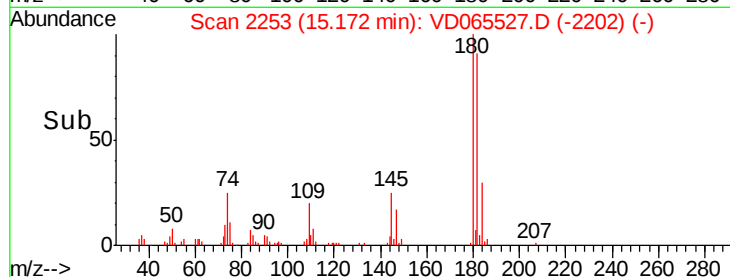
Tot Ion	Ratio	Resp	Lower	Upper
180	100	57395		
182	95.7		48.1	144.3
145	28.4		13.9	41.6

Manual Integrations
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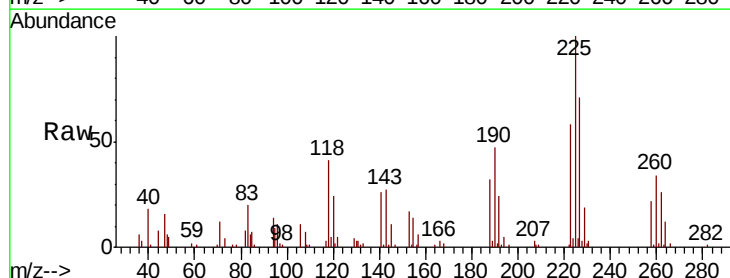


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

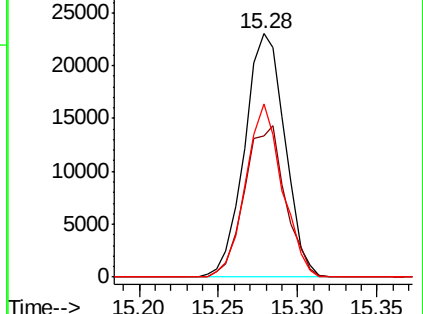
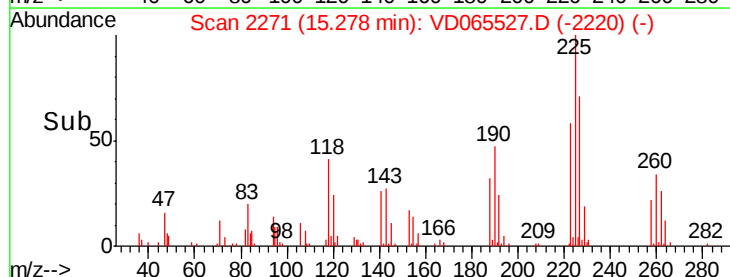


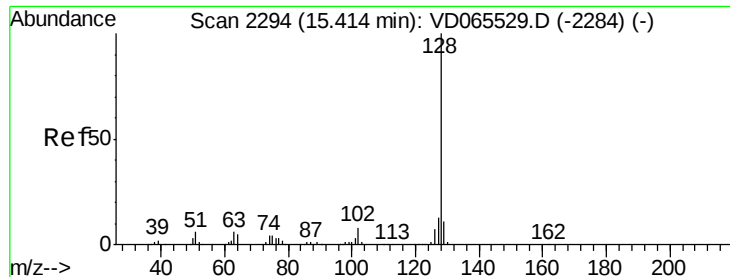
#94
 Hexachlorobutadiene
 Concen: 9.636 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. -0.00 min
 Lab File: VD065527.D
 Acq: 26 Mar 2020 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	40828		
223	62.7		31.2	93.6
227	64.6		32.3	96.9



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





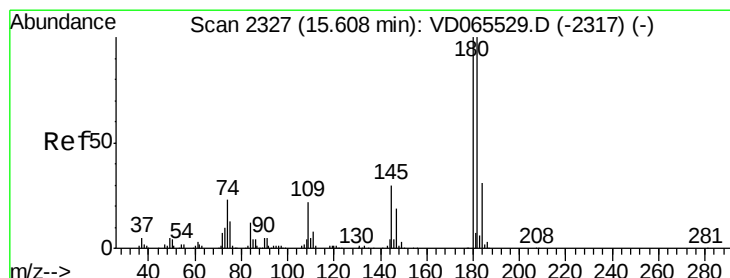
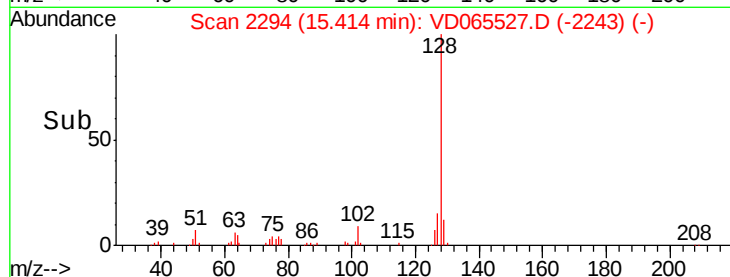
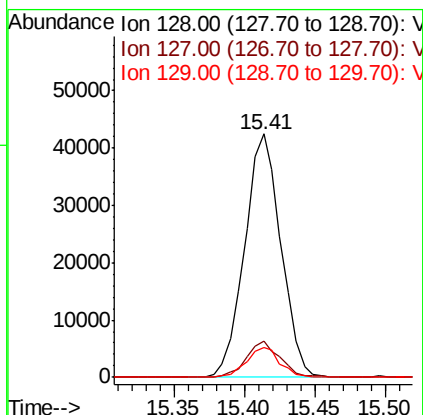
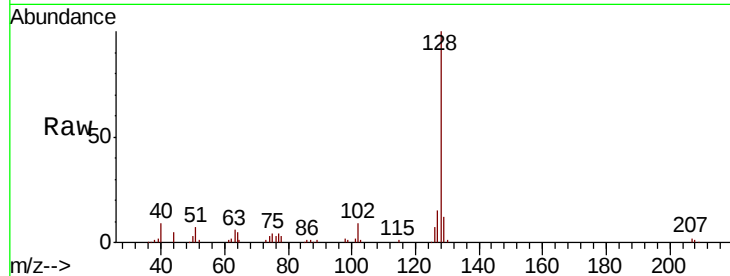
#95
Naphthalene
Concen: 7.387 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. -0.00 min
Lab File: VD065527.D
Acq: 26 Mar 2020 16:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.4	15.6
129	11.4	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 8.686 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. -0.00 min
Lab File: VD065527.D
Acq: 26 Mar 2020 16:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	48.1	144.3
145	31.8	15.0	45.0

