

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041720\
 Data File : VD065643.D
 Acq On : 17 Apr 2020 14:32
 Operator : VA/SY
 Sample : VD0417SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0417SBS01

Manual Integrations
 APPROVED

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 4/20/2020 4:28:18 PM

Quant Time: Apr 20 07:18:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 15 19:43:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	246565	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	353751	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	329113	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	173738	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	98050	46.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.50%	
35) Dibromofluoromethane	7.91	113	99012	44.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.94%	
50) Toluene-d8	10.34	98	375787	46.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.60%	
62) 4-Bromofluorobenzene	12.64	95	120257	44.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	36155	17.609	ug/l	98
3) Chloromethane	2.21	50	42149	18.811	ug/l	99
4) Vinyl Chloride	2.35	62	47031	19.320	ug/l	96
5) Bromomethane	2.76	94	27944	21.136	ug/l	98
6) Chloroethane	2.92	64	28066	19.393	ug/l	97
7) Trichlorofluoromethane	3.27	101	66997	19.305	ug/l	97
8) Diethyl Ether	3.70	74	14517	20.365	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.09	101	44826	28.334	ug/l	99
10) Methyl Iodide	4.29	142	42278	21.061	ug/l	94
11) Tert butyl alcohol	5.24	59	11837	113.548	ug/l #	94
12) 1,1-Dichloroethene	4.06	96	41444	29.143	ug/l	88
13) Acrolein	3.93	56	10663	114.868	ug/l	95
14) Allyl chloride	4.71	41	61840	25.921	ug/l	92
15) Acrylonitrile	5.43	53	44756	104.261	ug/l	99
16) Acetone	4.16	43	45540	151.814	ug/l	98
17) Carbon Disulfide	4.40	76	139411	25.594	ug/l	98
18) Methyl Acetate	4.71	43	24050	25.600	ug/l	100
19) Methyl tert-butyl Ether	5.47	73	79820	19.821	ug/l	97
20) Methylene Chloride	4.96	84	50119	26.405	ug/l	93
21) trans-1,2-Dichloroethene	5.47	96	47157	20.521	ug/l	97
22) Diisopropyl ether	6.37	45	127928	19.491	ug/l	98
23) Vinyl Acetate	6.31	43	332447	93.929	ug/l	99
24) 1,1-Dichloroethane	6.26	63	80550	19.425	ug/l	99
25) 2-Butanone	7.22	43	56096	100.224	ug/l	98
26) 2,2-Dichloropropane	7.20	77	72114	19.952	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	48006	18.831	ug/l	98
28) Bromochloromethane	7.54	49	33227	20.063	ug/l	98
29) Tetrahydrofuran	7.57	42	35034	98.650	ug/l	98
30) Chloroform	7.71	83	82362	19.406	ug/l	99
31) Cyclohexane	7.98	56	74449	18.847	ug/l #	91
32) 1,1,1-Trichloroethane	7.90	97	75648	19.824	ug/l	98
36) 1,1-Dichloropropene	8.11	75	66479	19.462	ug/l	98
37) Ethyl Acetate	7.29	43	26622	19.544	ug/l	99
38) Carbon Tetrachloride	8.10	117	72336	19.770	ug/l	98

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Manual Integrations
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 Quant Title : SW846 8260
 QLast Update : Wed Apr 15 19:43:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	73139	18.400	ug/l	98
40) Benzene	8.35	78	182841	18.618	ug/l	99
41) Methacrylonitrile	7.53	41	13047	19.338	ug/l #	100
42) 1,2-Dichloroethane	8.42	62	52727	19.590	ug/l	98
43) Isopropyl Acetate	8.46	43	46114	18.799	ug/l	100
44) Trichloroethene	9.11	130	52715	19.175	ug/l	99
45) 1,2-Dichloropropane	9.39	63	46076	19.117	ug/l	99
46) Dibromomethane	9.48	93	23403	18.776	ug/l	100
47) Bromodichloromethane	9.67	83	62017	18.685	ug/l	97
48) Methyl methacrylate	9.46	41	21860	17.805	ug/l	93
49) 1,4-Dioxane	9.47	88	5588	387.228	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	117791	92.354	ug/l	98
52) Toluene	10.40	92	120180	19.851	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	57667	18.922	ug/l	97
54) cis-1,3-Dichloropropene	10.09	75	65829	17.848	ug/l	95
55) 1,1,2-Trichloroethane	10.80	97	33829	19.189	ug/l	98
56) Ethyl methacrylate	10.66	69	34747	18.129	ug/l	98
57) 1,3-Dichloropropane	10.95	76	56669	18.877	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	92705	95.504	ug/l	99
59) 2-Hexanone	10.99	43	83531	95.214	ug/l	99
60) Dibromochloromethane	11.14	129	44870	19.324	ug/l	99
61) 1,2-Dibromoethane	11.25	107	32107	18.927	ug/l	99
64) Tetrachloroethene	10.87	164	45506	19.270	ug/l	97
65) Chlorobenzene	11.67	112	126881	19.472	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	49478	19.860	ug/l	99
67) Ethyl Benzene	11.75	91	216813	19.469	ug/l	100
68) m/p-Xylenes	11.86	106	173488	40.325	ug/l	98
69) o-Xylene	12.18	106	69708	18.466	ug/l	97
70) Styrene	12.20	104	129813	19.428	ug/l	100
71) Bromoform	12.36	173	25592	18.285	ug/l #	97
73) Isopropylbenzene	12.48	105	197855	18.882	ug/l	100
74) N-amyl acetate	12.29	43	39278	17.907	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.74	83	37512	19.716	ug/l	96
76) 1,2,3-Trichloropropane	12.79	75	28415m	20.341	ug/l	
77) Bromobenzene	12.77	156	54090	19.438	ug/l	98
78) n-propylbenzene	12.83	91	250393	19.753	ug/l	100
79) 2-Chlorotoluene	12.91	91	140334	19.494	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	172001	19.451	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	11312	17.748	ug/l	94
82) 4-Chlorotoluene	13.01	91	153039	19.756	ug/l	99
83) tert-Butylbenzene	13.23	119	140222	18.912	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	174406	19.783	ug/l	99
85) sec-Butylbenzene	13.41	105	204544	19.283	ug/l	99
86) p-Isopropyltoluene	13.53	119	189032	18.988	ug/l	100
87) 1,3-Dichlorobenzene	13.53	146	104105	19.108	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	103853	19.151	ug/l	99
89) n-Butylbenzene	13.86	91	166480	18.426	ug/l	100
90) Hexachloroethane	14.12	117	40902	19.591	ug/l	96
91) 1,2-Dichlorobenzene	13.90	146	85704	18.346	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	5779	20.084	ug/l	91

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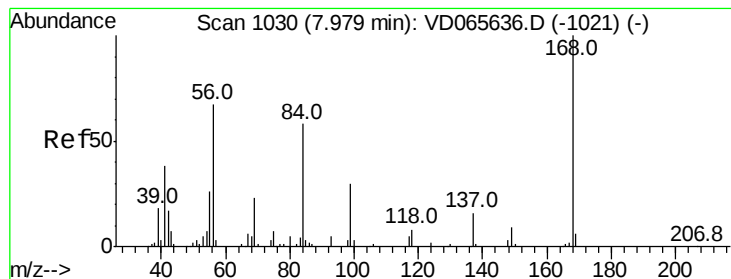
Manual Integrations
APPROVED

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4/20/2020 4:28:18 PM

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QLast Update : Wed Apr 15 19:43:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	55342	17.224	ug/l	99
94) Hexachlorobutadiene	15.27	225	39160	17.775	ug/l	100
95) Naphthalene	15.41	128	84753	18.234	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	53031	18.707	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD065643.D

Acq: 17 Apr 2020 14:32

Instrument :

MSVOA_D

ClientSampleId :

VD0417SBS01

Tot Ion:168 Resp: 246565

Ion Ratio Lower Upper

168 100

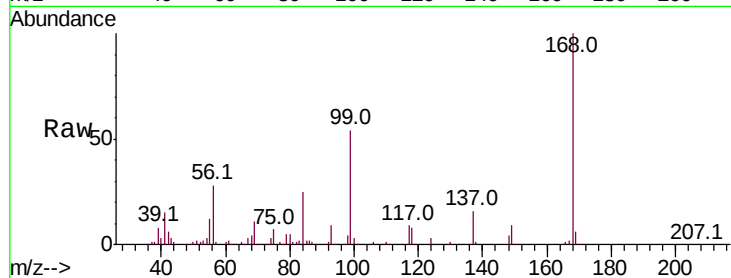
99 53.5 40.3 60.5

Manual Integrations

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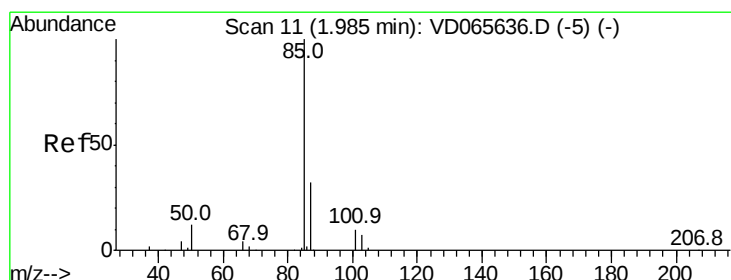
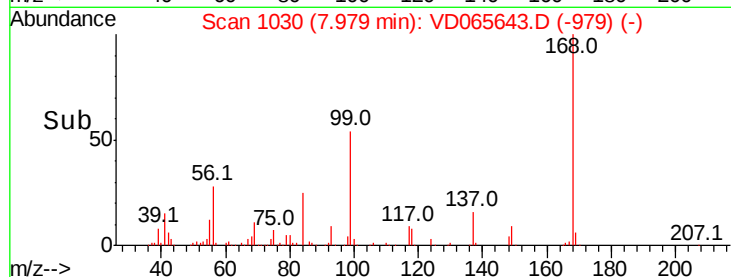
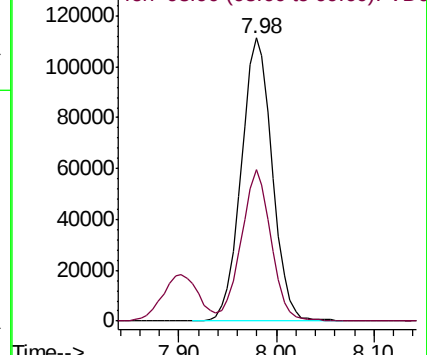
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 17.609 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.01 min

Lab File: VD065643.D

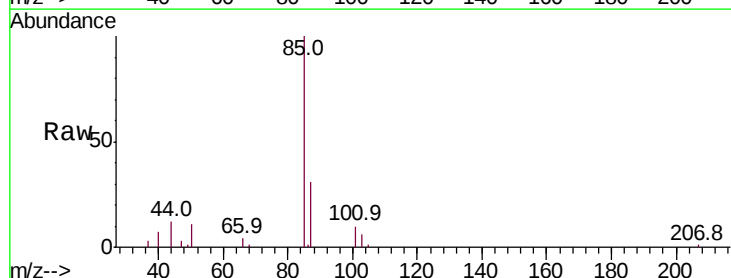
Acq: 17 Apr 2020 14:32

Tgt Ion: 85 Resp: 36155

Ion Ratio Lower Upper

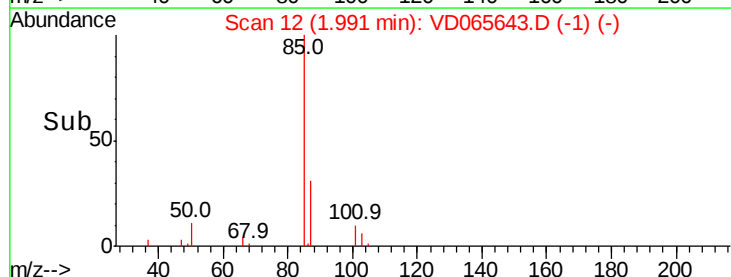
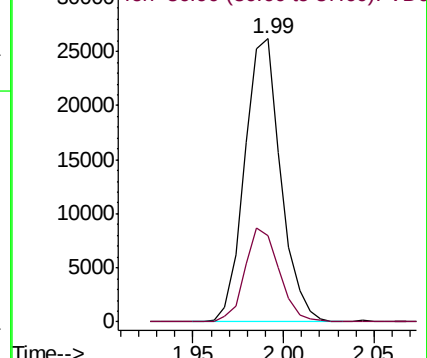
85 100

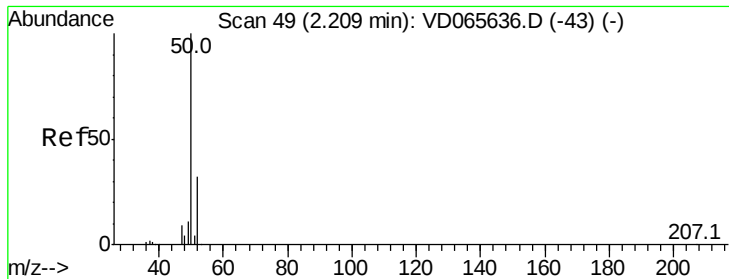
87 30.7 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 18.811 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD065643.D

Acq: 17 Apr 2020 14:32

Instrument :

MSVOA_D

ClientSampleId :

VD0417SBS01

Tot Ion: 50 Resp: 42149

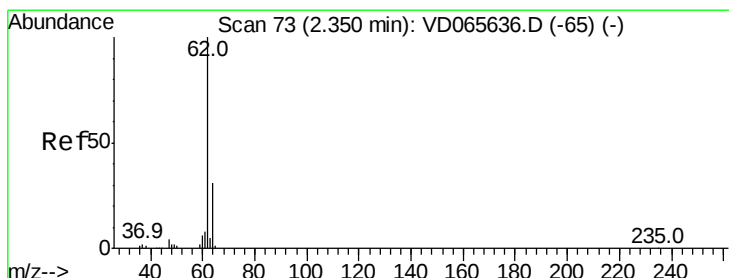
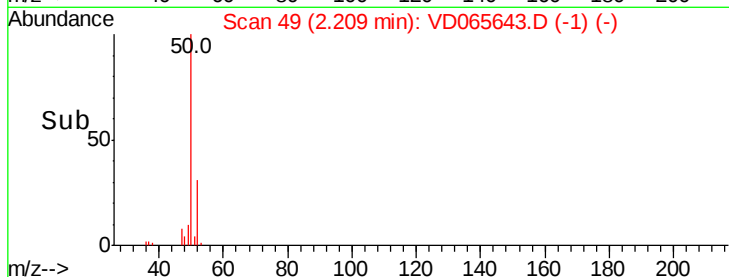
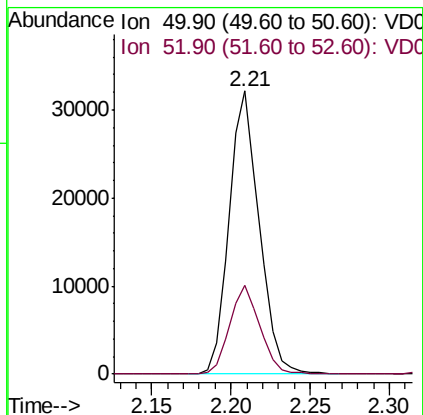
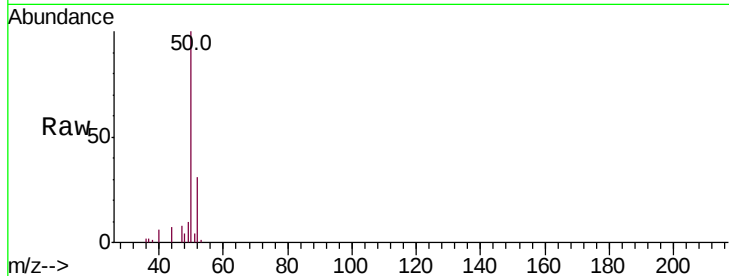
Ion Ratio Lower Upper

50 100

52 31.3 25.7 38.5

Manual Integrations
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#4

Vinyl Chloride

Concen: 19.320 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD065643.D

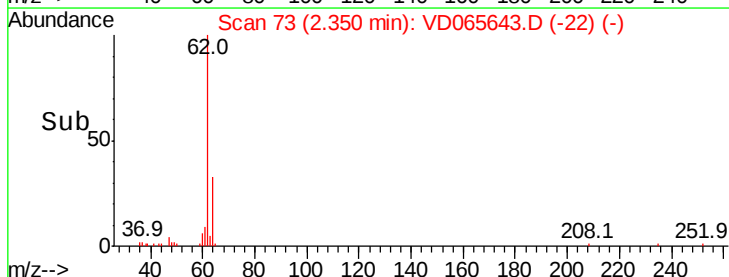
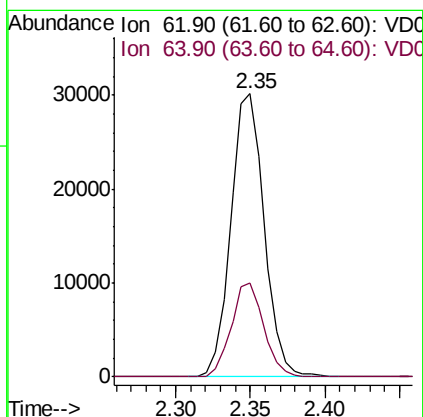
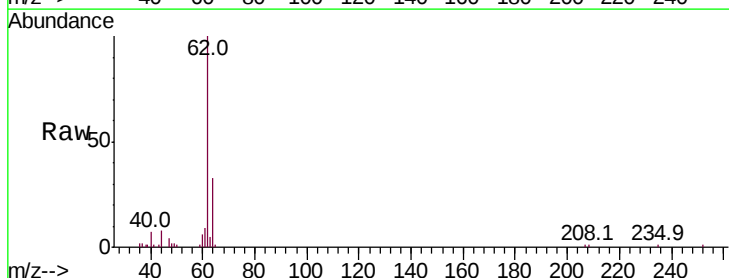
Acq: 17 Apr 2020 14:32

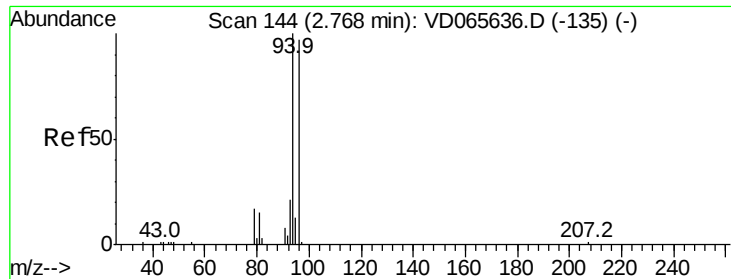
Tgt Ion: 62 Resp: 47031

Ion Ratio Lower Upper

62 100

64 33.4 25.1 37.7





#5

Bromomethane

Concen: 21.136 ug/l

RT: 2.76 min Scan# 142

Delta R.T. -0.01 min

Lab File: VD065643.D

Acq: 17 Apr 2020 14:32

Instrument :

MSVOA_D

ClientSampleId :

VD0417SBS01

Tot Ion: 94 Resp: 27944

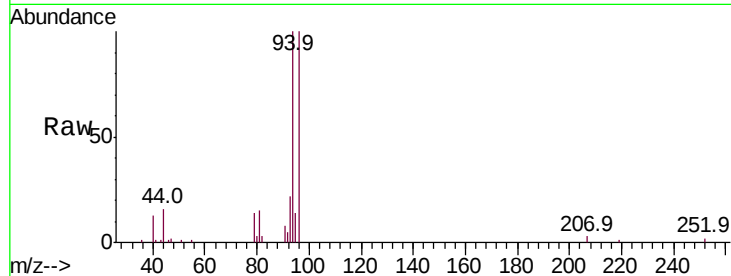
Ion Ratio Lower Upper

94 100

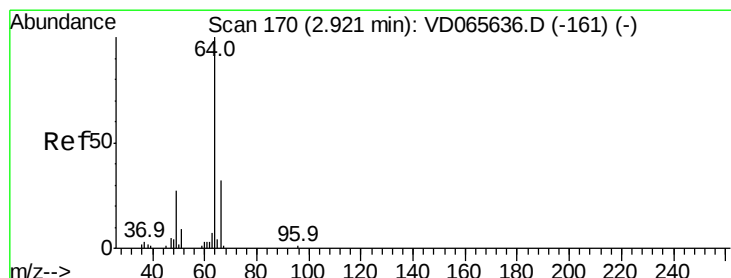
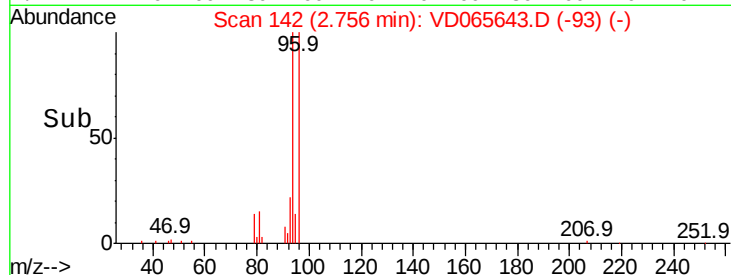
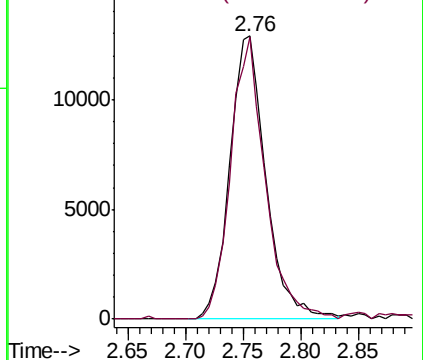
96 99.7 77.9 116.9

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Abundance Ion 93.90 (93.60 to 94.60): VDC
Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 19.393 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD065643.D

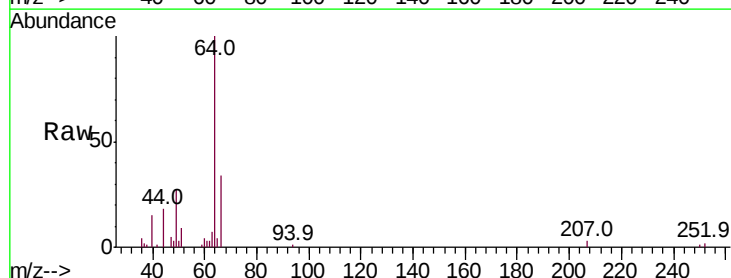
Acq: 17 Apr 2020 14:32

Tgt Ion: 64 Resp: 28066

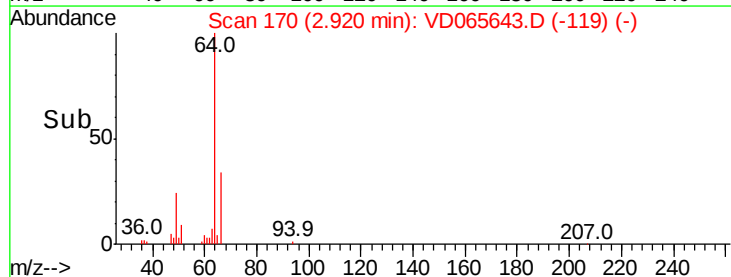
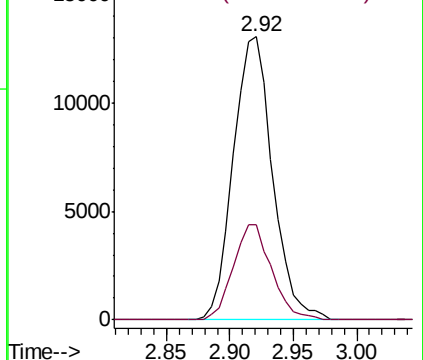
Ion Ratio Lower Upper

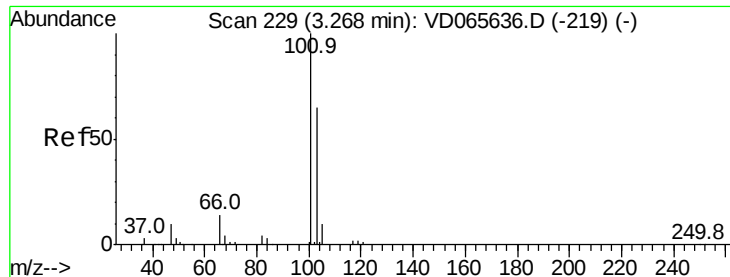
64 100

66 33.5 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VDC
Ion 65.90 (65.60 to 66.60): VDC





#7

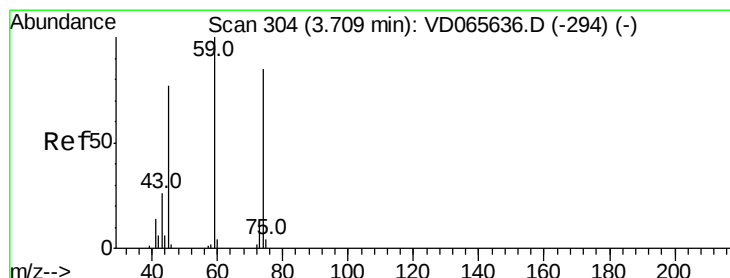
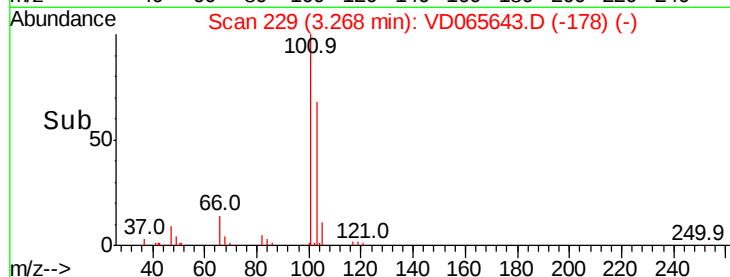
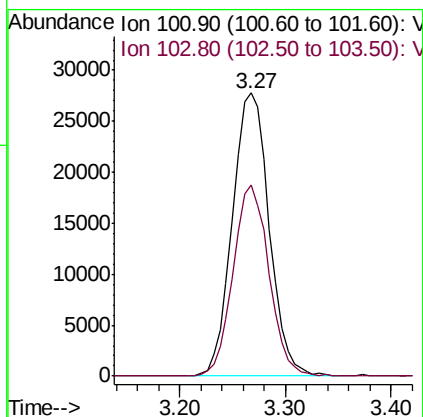
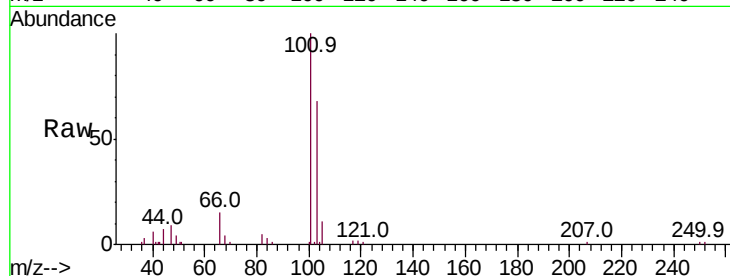
Trichlorofluoromethane
 Concen: 19.305 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. -0.00 min
 Lab File: VD065643.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	67.6	52.2	78.4

Manual Integrations
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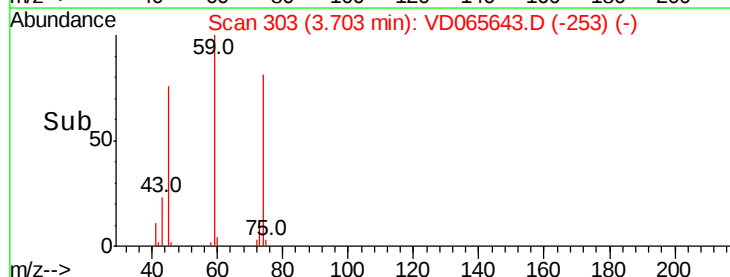
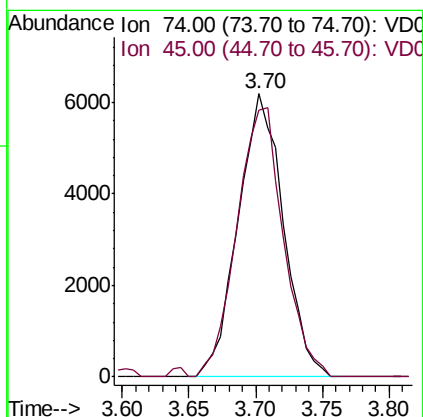
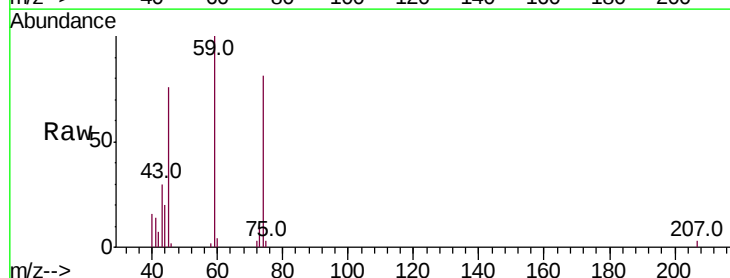
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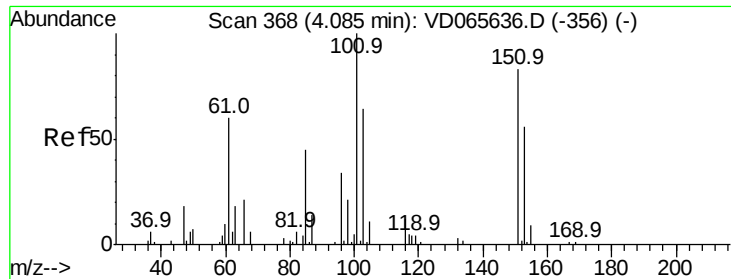


#8

Diethyl Ether
 Concen: 20.365 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. -0.01 min
 Lab File: VD065643.D
 Acq: 17 Apr 2020 14:32

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.9	49.9	149.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 28.334 ug/l

RT: 4.09 min Scan# 368

Delta R.T. -0.00 min

Lab File: VD065643.D

Acq: 17 Apr 2020 14:32

Instrument :

MSVOA_D

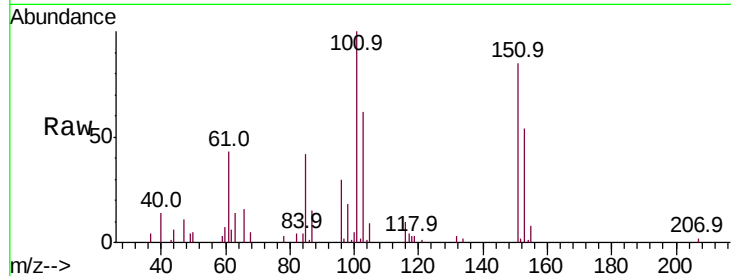
ClientSampleId :

VD0417SBS01

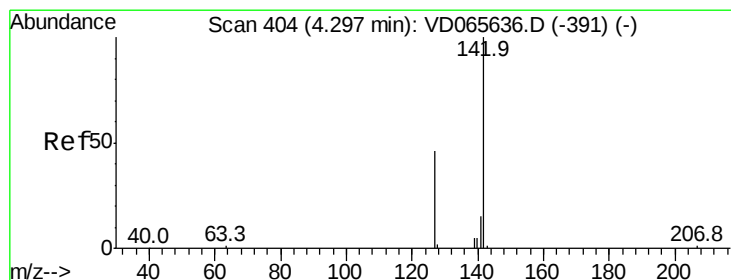
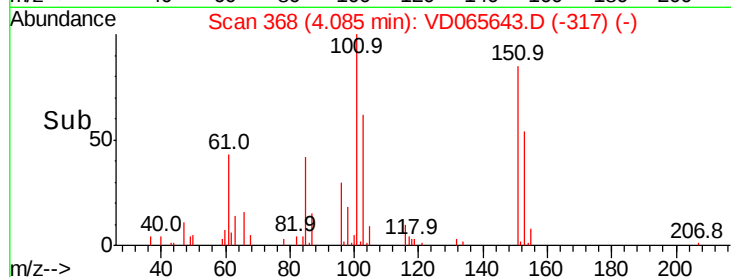
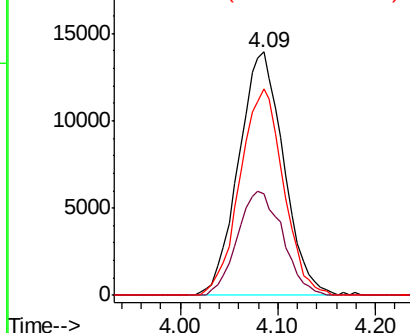
Tot Ion:	101	Resp:	44826
Ion Ratio	Lower	Upper	
101	100		
85	42.9	36.2	54.2
151	82.0	65.6	98.4

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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: 21.061 ug/l

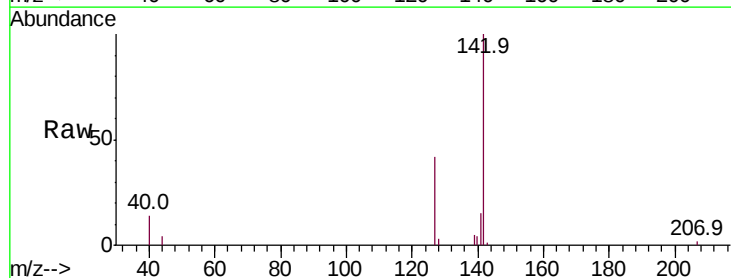
RT: 4.29 min Scan# 402

Delta R.T. -0.01 min

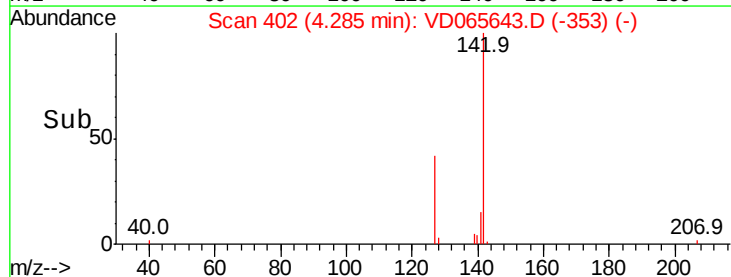
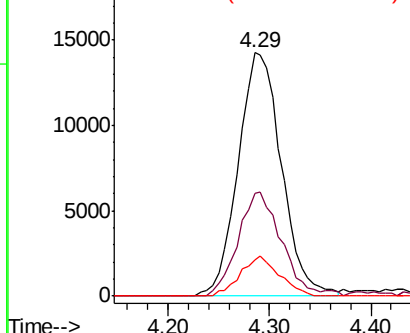
Lab File: VD065643.D

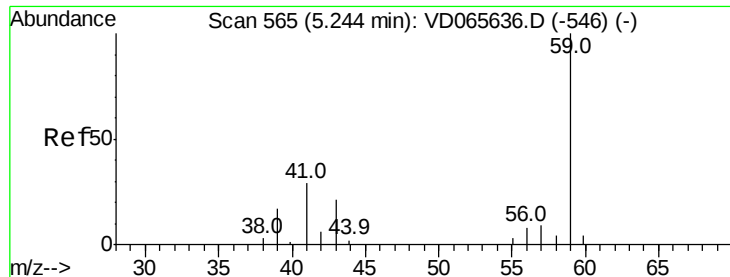
Acq: 17 Apr 2020 14:32

Tgt Ion:	142	Resp:	42278
Ion Ratio	Lower	Upper	
142	100		
127	42.1	38.1	57.1
141	14.8	12.1	18.1



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

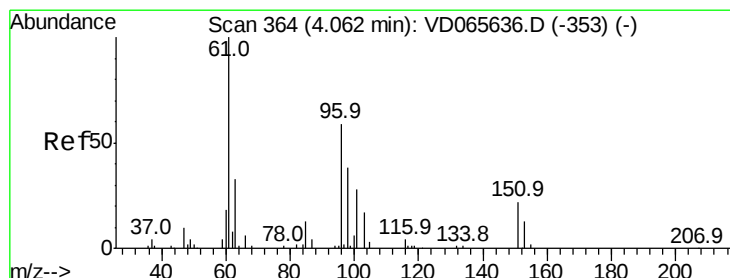
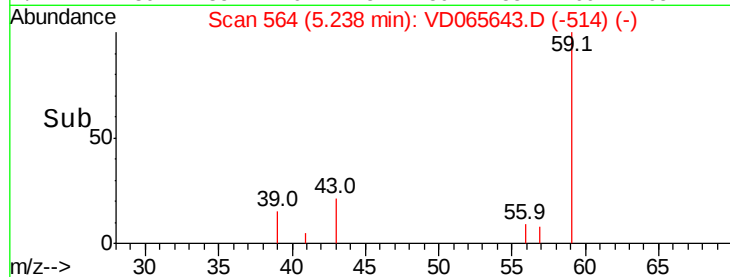
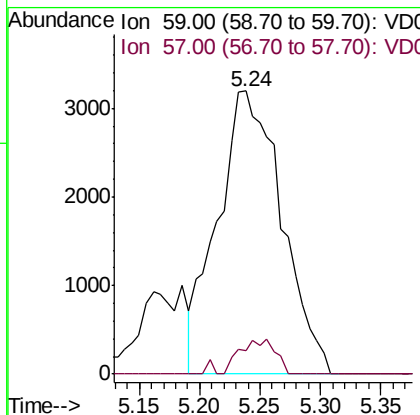
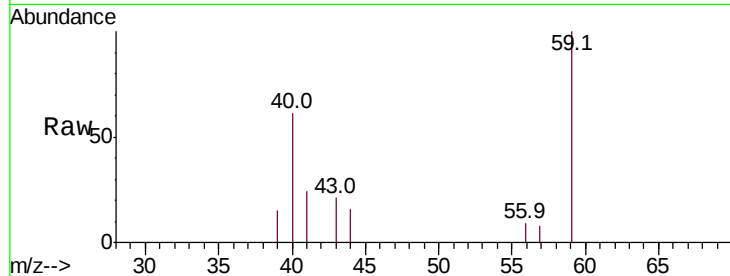
Tert butyl alcohol
 Concen: 113.548 ug/l
 RT: 5.24 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VD065643.D
 Acq: 17 Apr 2020 14:32

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0417SBS01

Tot Ion: 59 Resp: 11837
 Ion Ratio Lower Upper
 59 100
 57 7.0 7.4 11.2#

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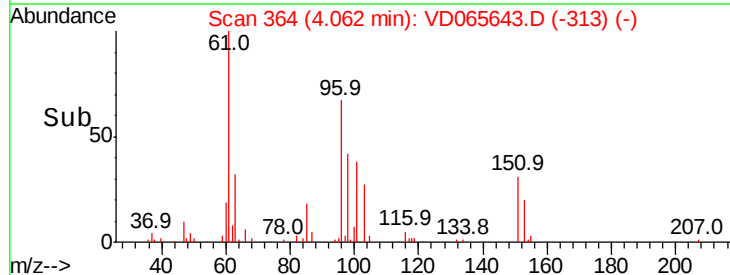
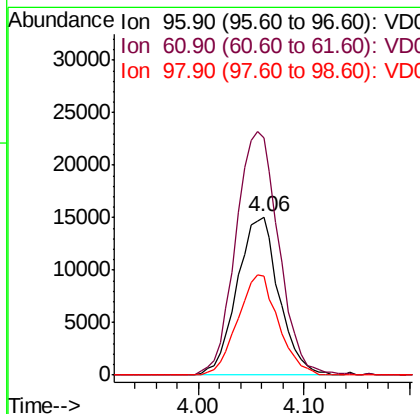
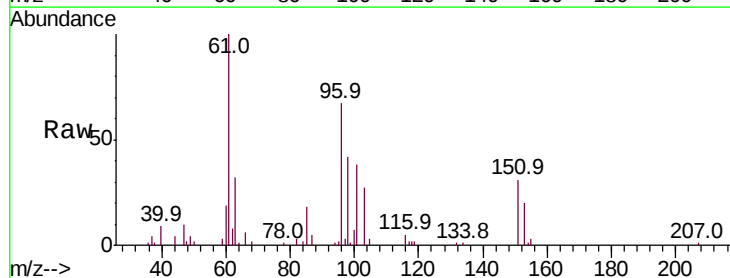
MMDadoda
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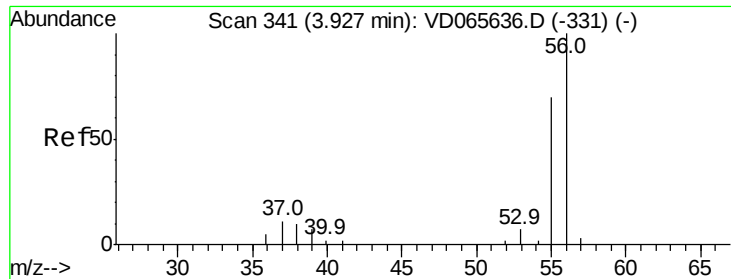


#12

1,1-Dichloroethene
 Concen: 29.143 ug/l
 RT: 4.06 min Scan# 364
 Delta R.T. -0.00 min
 Lab File: VD065643.D
 Acq: 17 Apr 2020 14:32

Tgt Ion: 96 Resp: 41444
 Ion Ratio Lower Upper
 96 100
 61 149.7 136.2 204.2
 98 62.5 52.2 78.2





#13

Acrolein

Concen: 114.868 ug/l

RT: 3.93 min Scan# 341

Delta R.T. -0.00 min

Lab File: VD065643.D

Acq: 17 Apr 2020 14:32

Instrument :

MSVOA_D

ClientSampleId :

VD0417SBS01

Tot Ion: 56 Resp: 10663

Ion Ratio Lower Upper

56 100

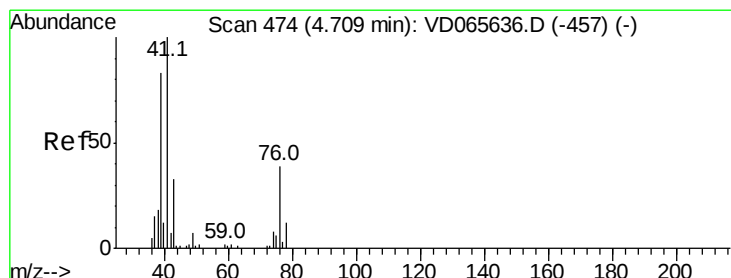
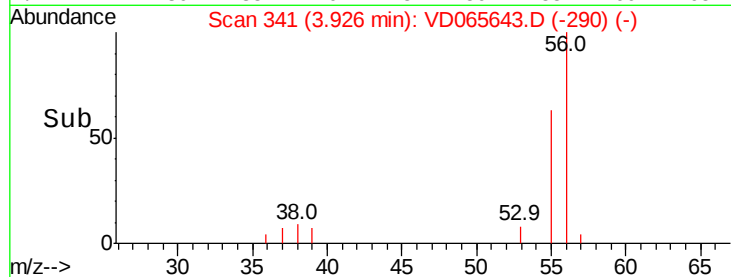
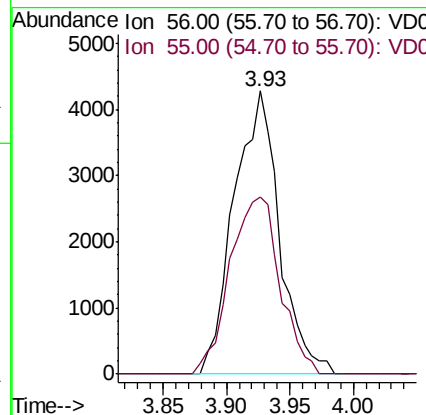
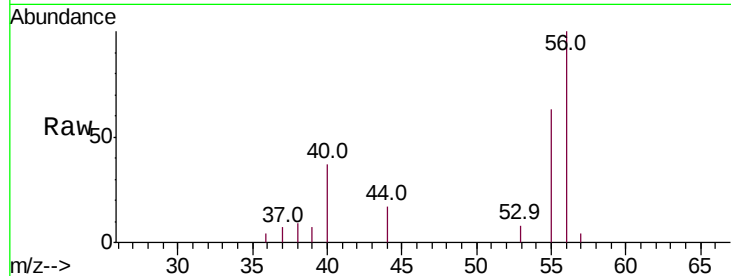
55 68.8 58.2 87.2

Manual Integrations

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#14

Allyl chloride

Concen: 25.921 ug/l

RT: 4.71 min Scan# 474

Delta R.T. 0.00 min

Lab File: VD065643.D

Acq: 17 Apr 2020 14:32

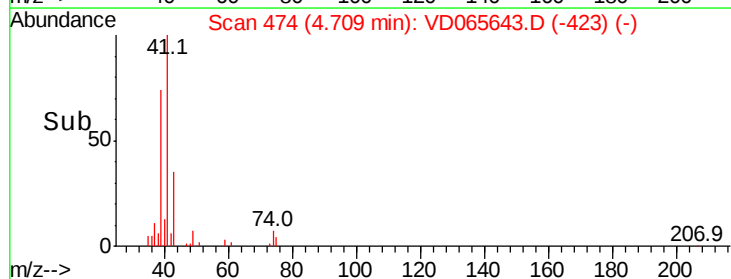
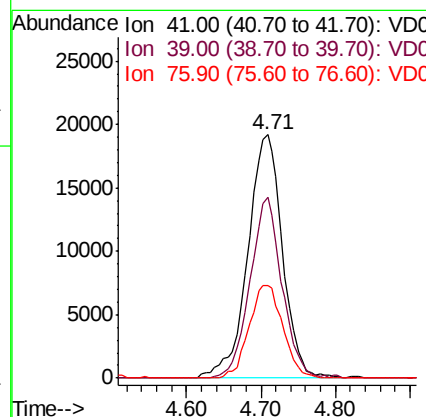
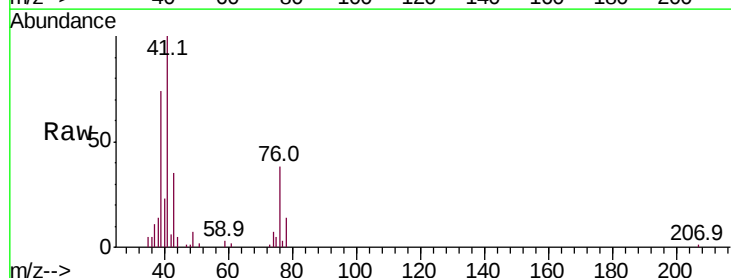
Tgt Ion: 41 Resp: 61840

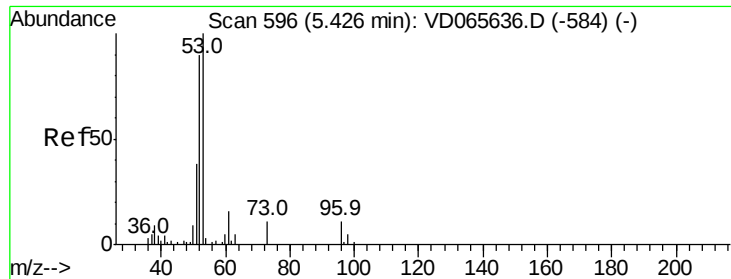
Ion Ratio Lower Upper

41 100

39 68.4 62.5 93.7

76 37.1 29.1 43.7





#15

Acrylonitrile

Concen: 104.261 ug/l

RT: 5.43 min Scan# 596

Delta R.T. -0.00 min

Lab File: VD065643.D

Acq: 17 Apr 2020 14:32

Instrument :

MSVOA_D

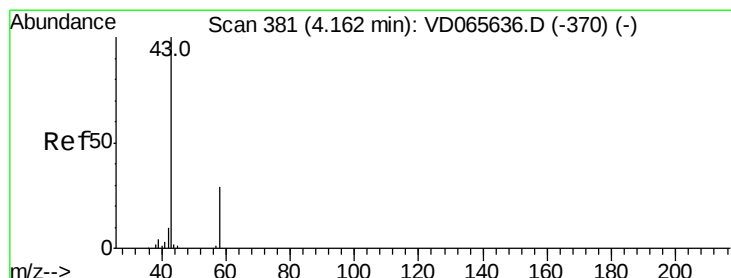
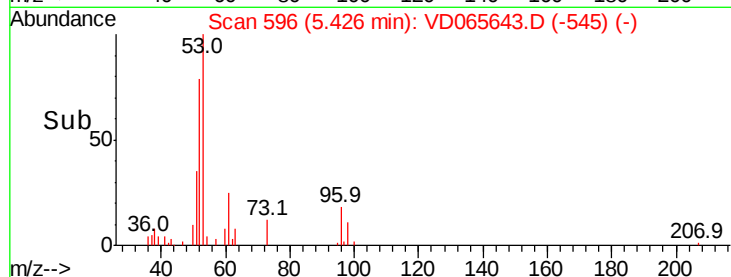
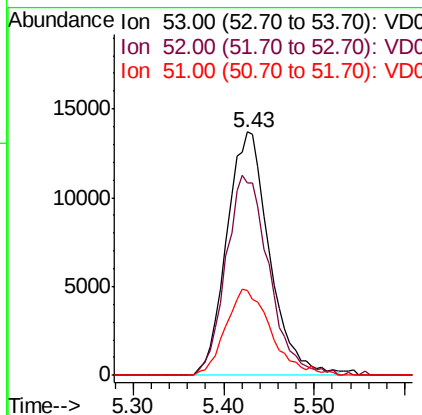
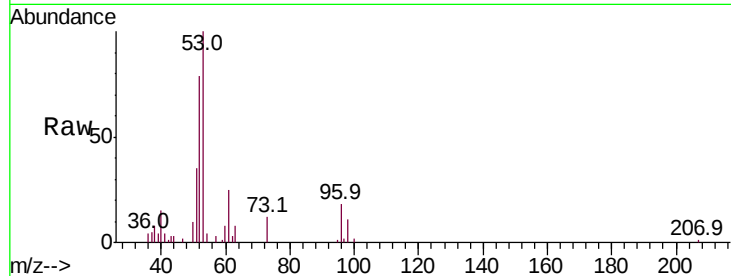
ClientSampleId :

VD0417SBS01

Tot Ion:	53	Resp:	44756
Ion	Ratio	Lower	Upper
53	100		
52	82.8	65.8	98.6
51	37.7	30.9	46.3

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#16

Acetone

Concen: 151.814 ug/l

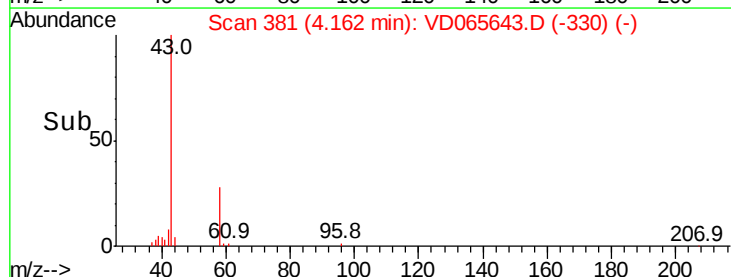
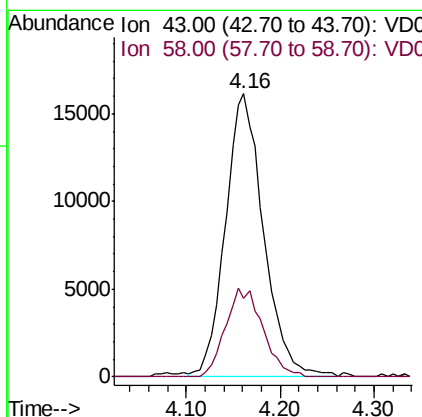
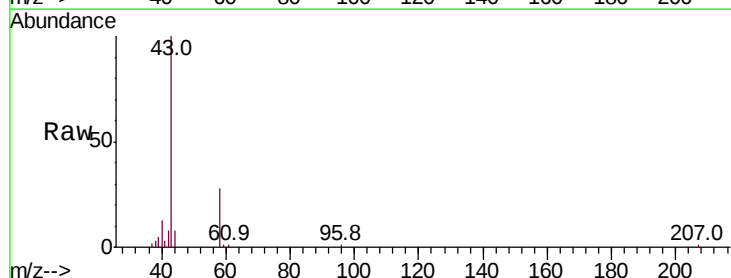
RT: 4.16 min Scan# 381

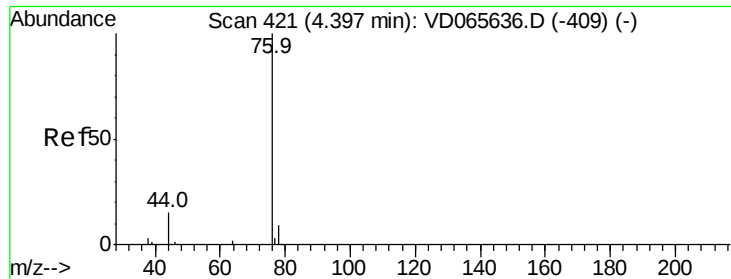
Delta R.T. -0.00 min

Lab File: VD065643.D

Acq: 17 Apr 2020 14:32

Tgt Ion:	43	Resp:	45540
Ion	Ratio	Lower	Upper
43	100		
58	27.6	22.9	34.3





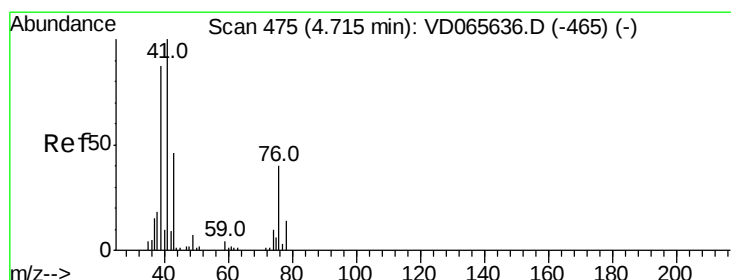
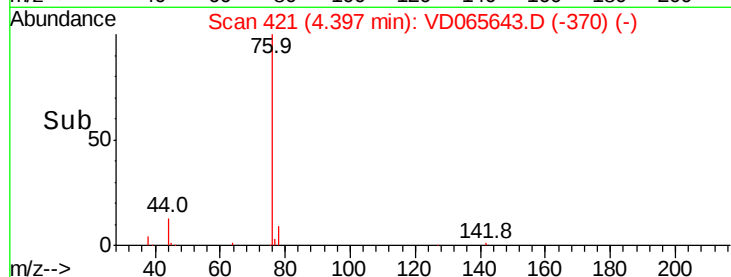
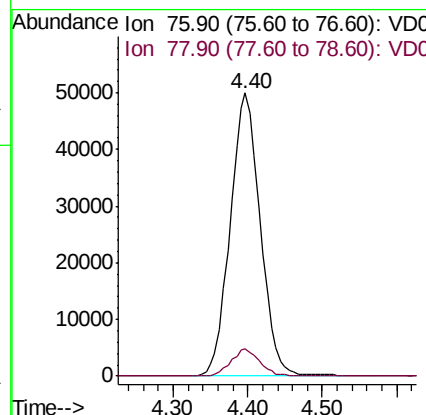
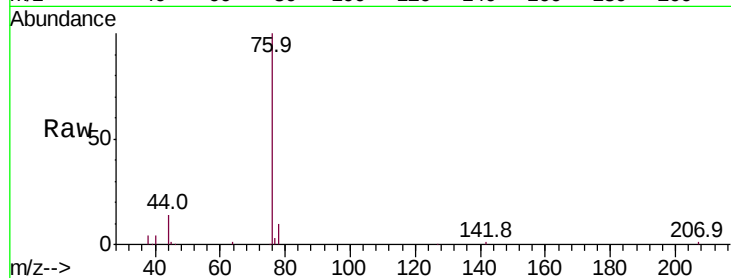
#17
Carbon Disulfide
Concen: 25.594 ug/l
RT: 4.40 min Scan# 421
Delta R.T. -0.00 min
Lab File: VD065643.D
Acq: 17 Apr 2020 14:32

Instrument :
MSVOA_D
ClientSampleId :
VD0417SBS01

Tot Ion: 76 Resp: 139411
Ion Ratio Lower Upper
76 100
78 9.7 7.3 10.9

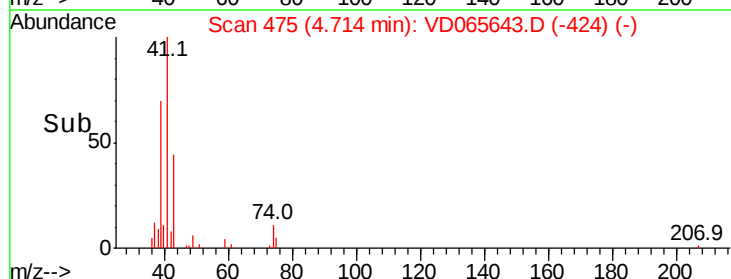
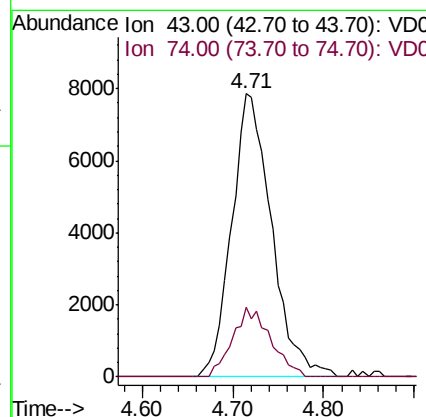
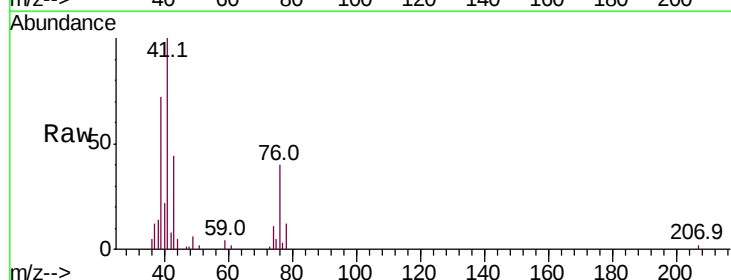
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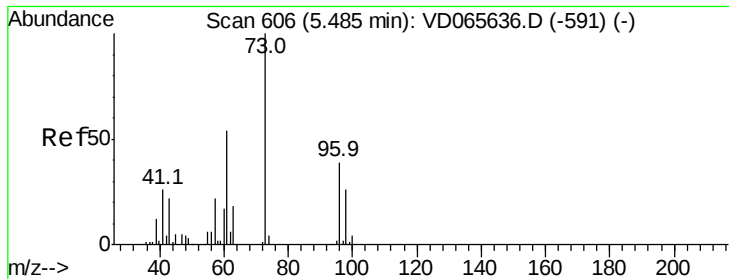
MMDadoda
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#18
Methyl Acetate
Concen: 25.600 ug/l
RT: 4.71 min Scan# 475
Delta R.T. 0.00 min
Lab File: VD065643.D
Acq: 17 Apr 2020 14:32

Tgt Ion: 43 Resp: 24050
Ion Ratio Lower Upper
43 100
74 23.3 18.6 28.0





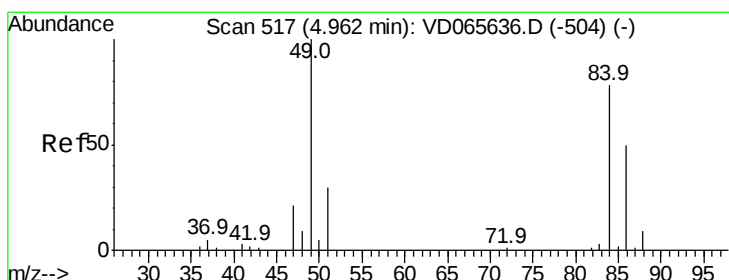
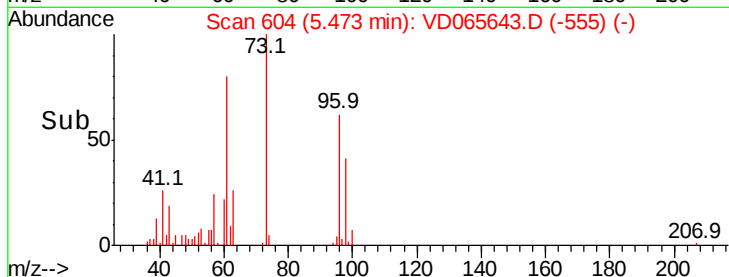
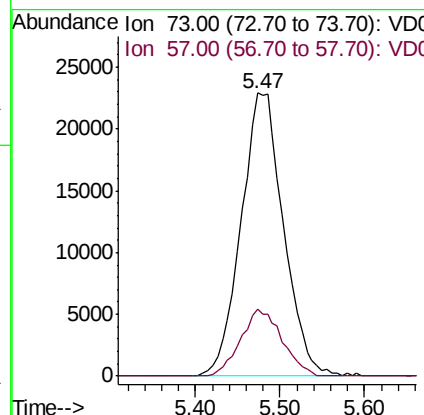
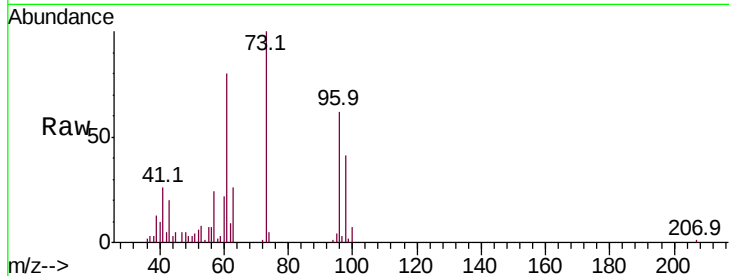
#19
Methvl tert-butvl Ether
Concen: 19.821 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.01 min
Lab File: VD065643.D
Acq: 17 Apr 2020 14:32

Instrument :
MSVOA_D
ClientSampleId :
VD0417SBS01

Tot Ion: 73 Resp: 79820
Ion Ratio Lower Upper
73 100
57 23.8 17.8 26.8

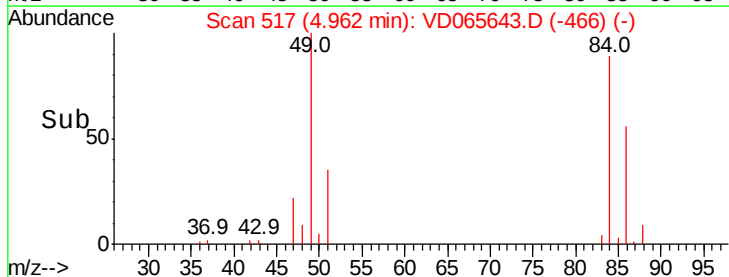
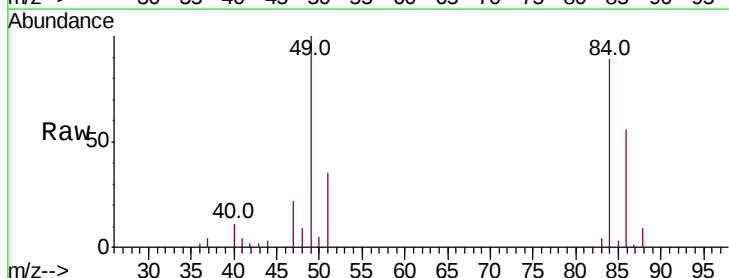
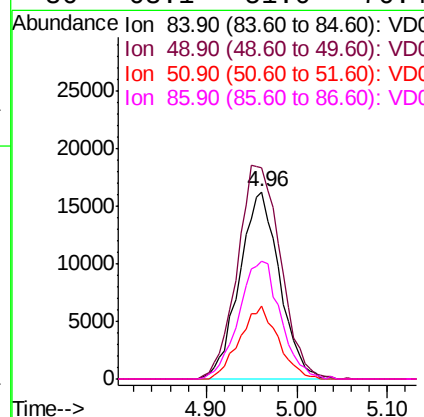
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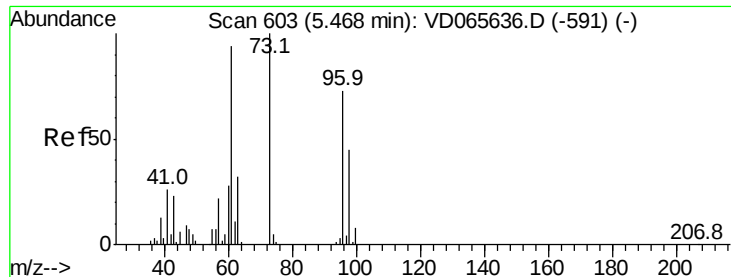
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#20
Methylene Chloride
Concen: 26.405 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD065643.D
Acq: 17 Apr 2020 14:32

Tgt Ion: 84 Resp: 50119
Ion Ratio Lower Upper
84 100
49 112.7 102.0 153.0
51 38.9 30.8 46.2
86 63.1 51.0 76.4





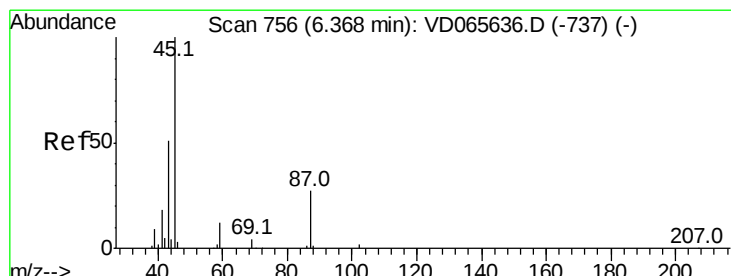
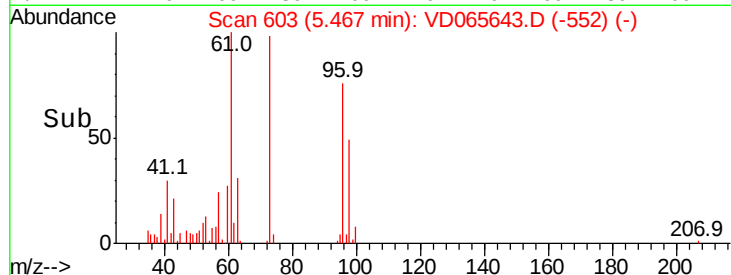
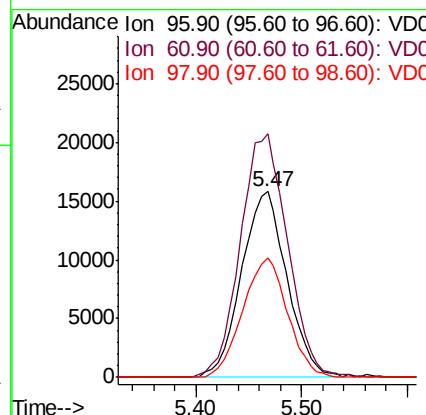
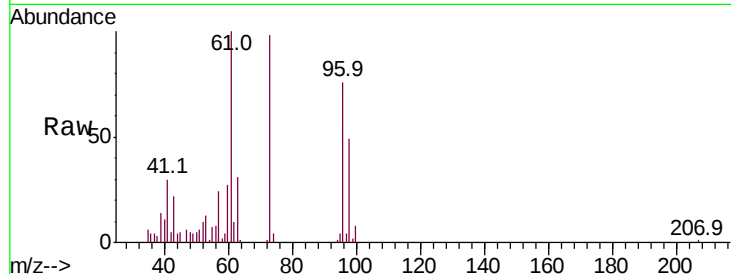
#21
trans-1,2-Dichloroethene
Concen: 20.521 ug/l
RT: 5.47 min Scan# 603
Delta R.T. -0.00 min
Lab File: VD065643.D
Acq: 17 Apr 2020 14:32

Instrument :
MSVOA_D
ClientSampleId :
VD0417SBS01

Tot Ion: 96 Resp: 47157
Ion Ratio Lower Upper
96 100
61 131.1 102.6 153.8
98 64.4 49.4 74.0

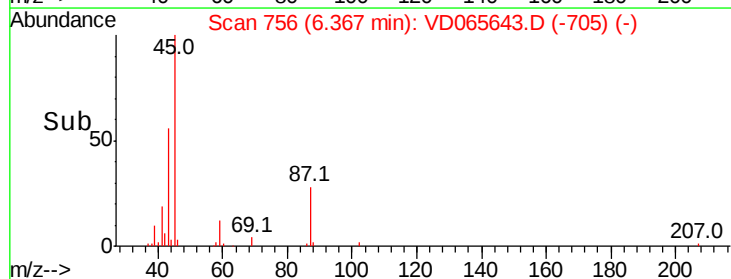
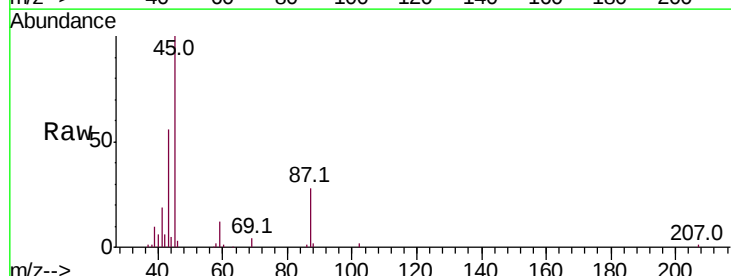
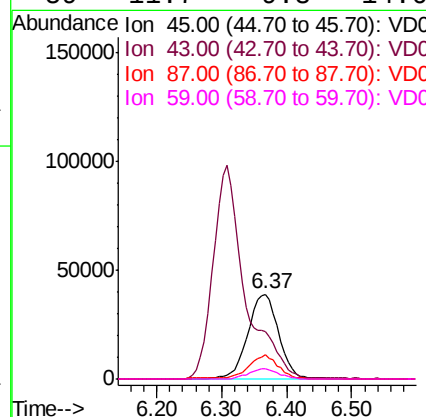
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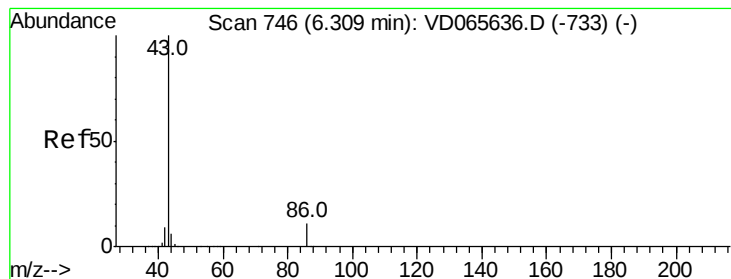
MMDadoda
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#22
Diisopropyl ether
Concen: 19.491 ug/l
RT: 6.37 min Scan# 756
Delta R.T. -0.00 min
Lab File: VD065643.D
Acq: 17 Apr 2020 14:32

Tgt Ion: 45 Resp: 127928
Ion Ratio Lower Upper
45 100
43 54.9 42.2 63.2
87 28.0 22.1 33.1
59 11.7 9.8 14.6





#23

Vinyl Acetate

Concen: 93.929 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.00 min

Lab File: VD065643.D

Acq: 17 Apr 2020 14:32

Instrument :

MSVOA_D

ClientSampleId :

VD0417SBS01

Tot Ion: 43 Resp: 332447

Ion Ratio Lower Upper

43 100

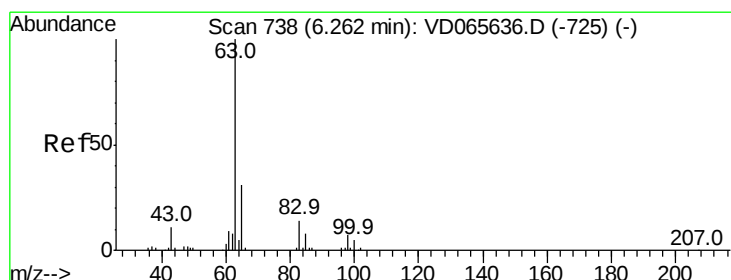
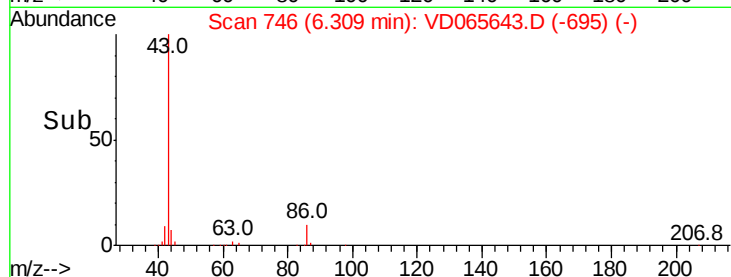
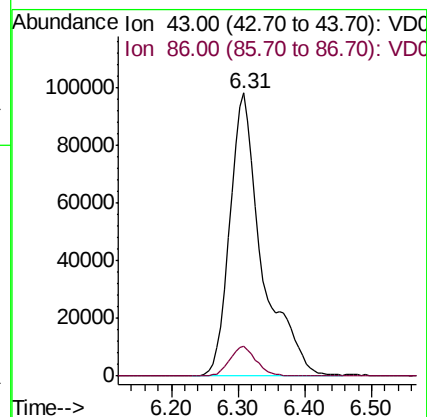
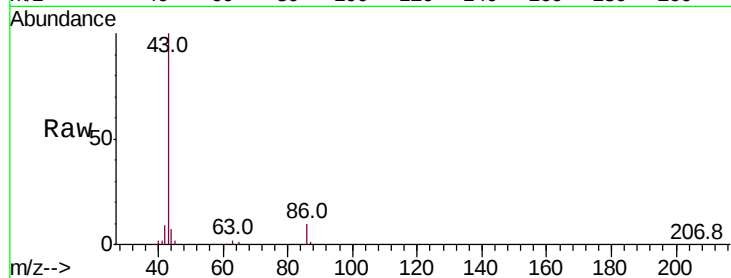
86 10.4 8.7 13.1

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 19.425 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.00 min

Lab File: VD065643.D

Acq: 17 Apr 2020 14:32

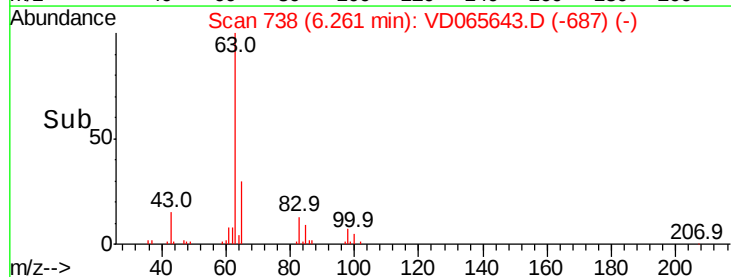
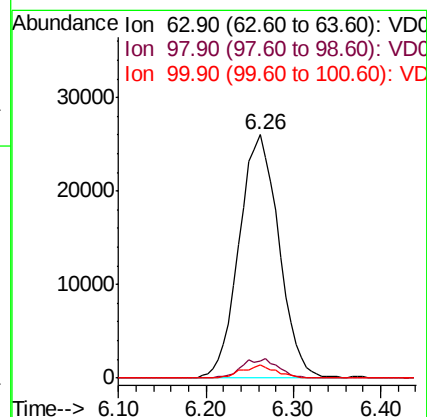
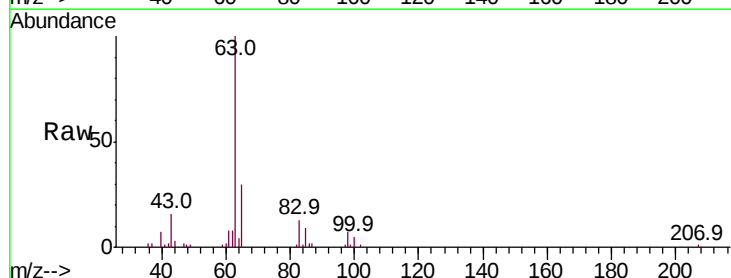
Tgt Ion: 63 Resp: 80550

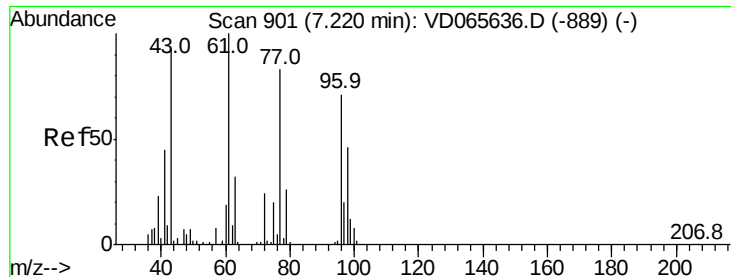
Ion Ratio Lower Upper

63 100

98 7.0 3.6 10.8

100 5.3 2.4 7.2





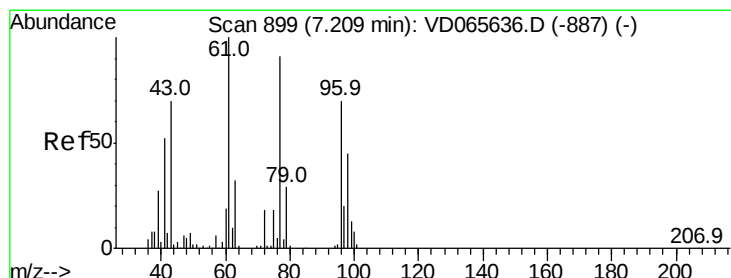
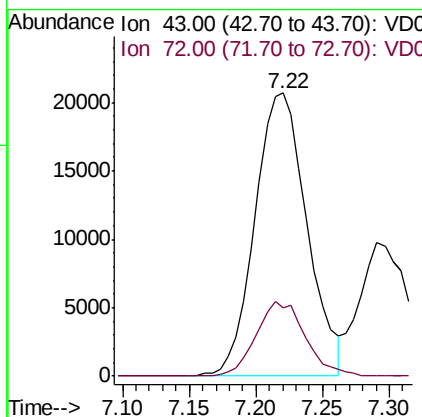
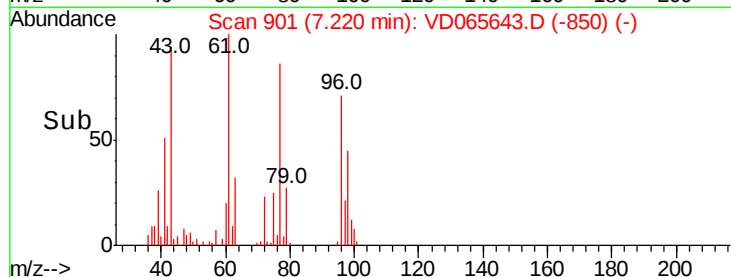
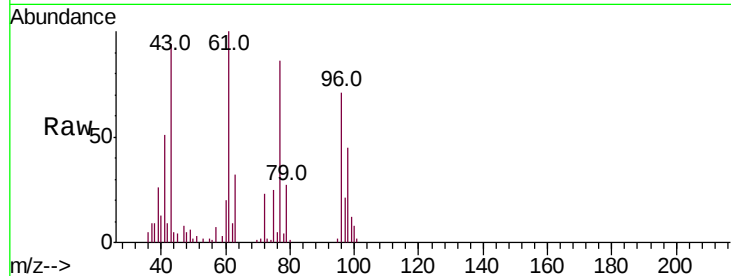
#25
2-Butanone
Concen: 100.224 ug/l
RT: 7.22 min Scan# 901
Delta R.T. 0.00 min
Lab File: VD065643.D
Acq: 17 Apr 2020 14:32

Instrument :
MSVOA_D
ClientSampleId :
VD0417SBS01

Tot Ion: 43 Resp: 56096
Ion Ratio Lower Upper
43 100
72 24.3 20.5 30.7

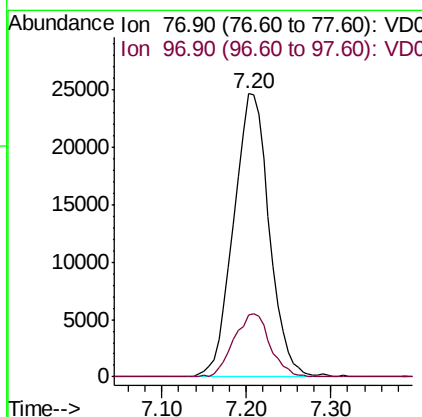
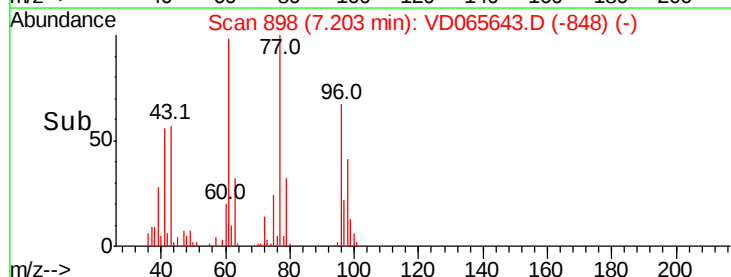
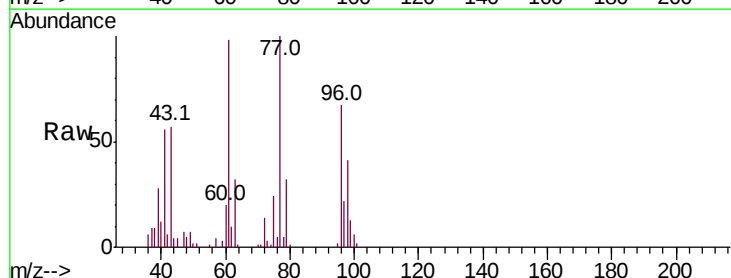
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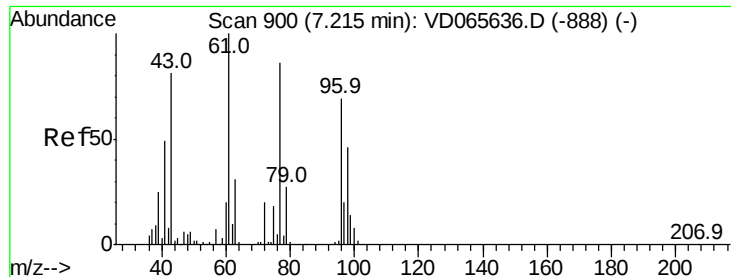
MMDadoda
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#26
2,2-Dichloropropane
Concen: 19.952 ug/l
RT: 7.20 min Scan# 898
Delta R.T. -0.01 min
Lab File: VD065643.D
Acq: 17 Apr 2020 14:32

Tgt Ion: 77 Resp: 72114
Ion Ratio Lower Upper
77 100
97 22.7 11.5 34.5





#27

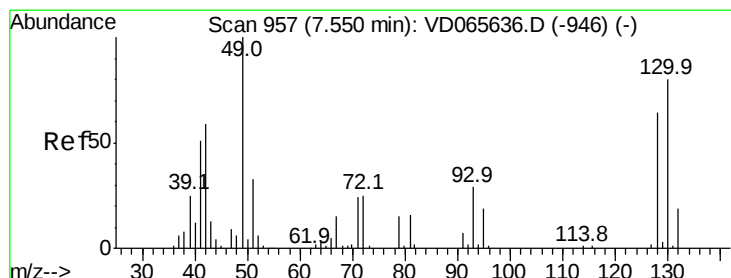
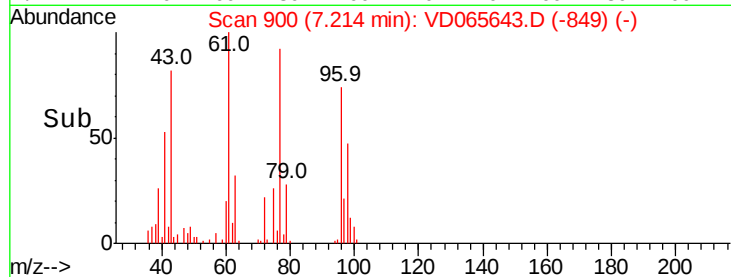
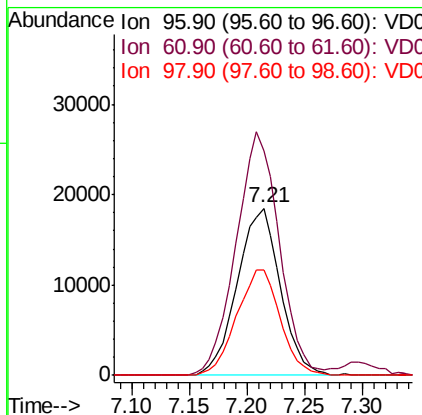
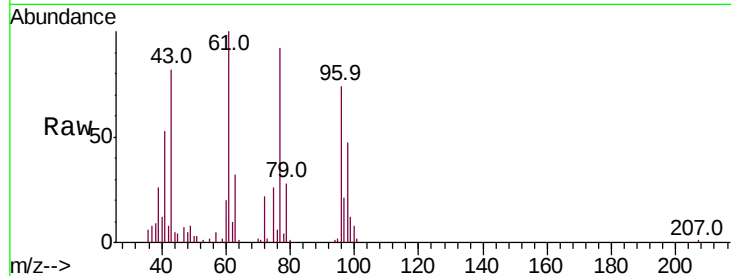
cis-1,2-Dichloroethene
Concen: 18.831 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.00 min
Lab File: VD065643.D
Acq: 17 Apr 2020 14:32

Instrument :
MSVOA_D
ClientSampleId :
VD0417SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	146.1	0.0	286.2
98	63.3	0.0	128.0

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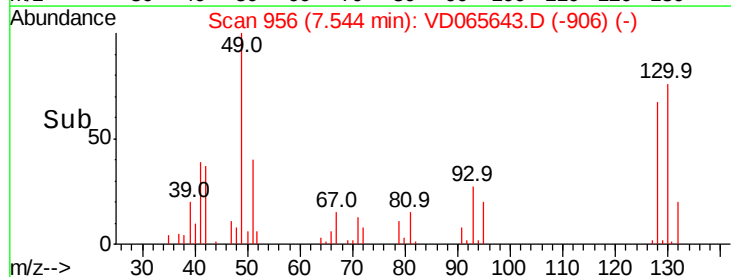
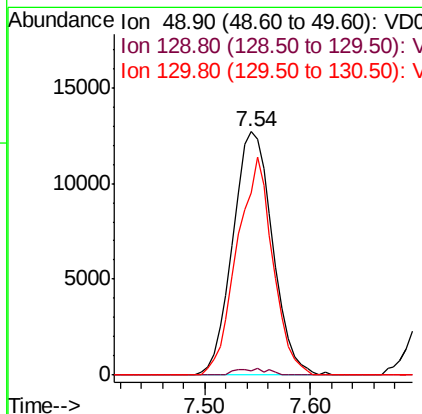
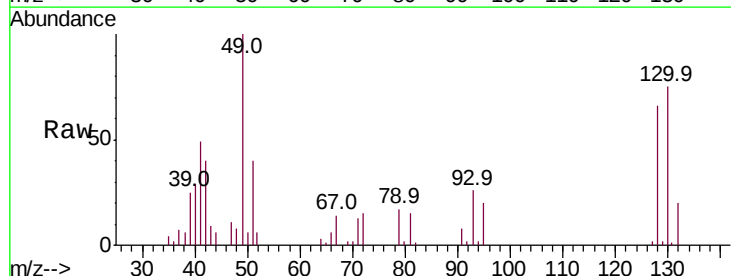
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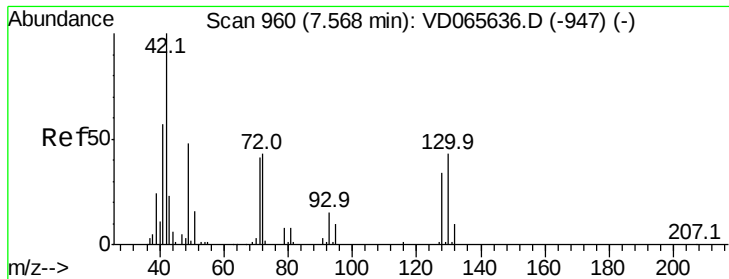


#28

Bromochloromethane
Concen: 20.063 ug/l
RT: 7.54 min Scan# 956
Delta R.T. -0.01 min
Lab File: VD065643.D
Acq: 17 Apr 2020 14:32

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.2
130	80.6	66.2	99.2





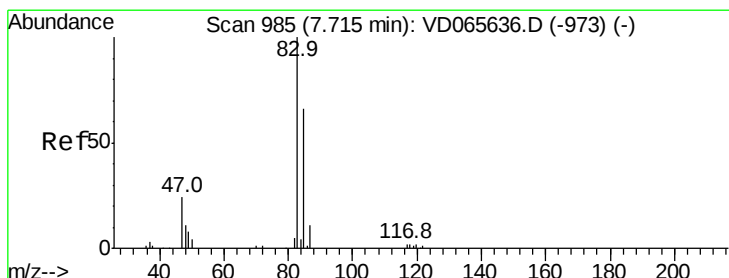
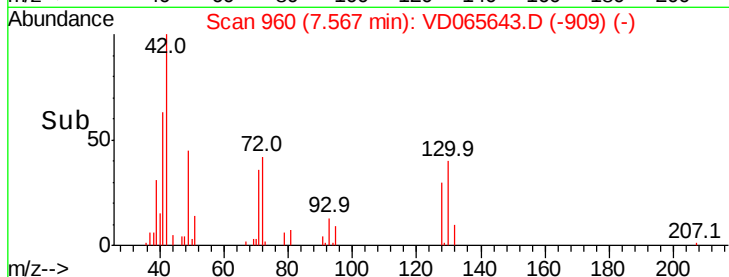
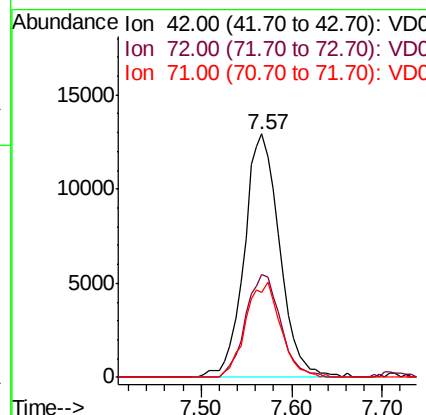
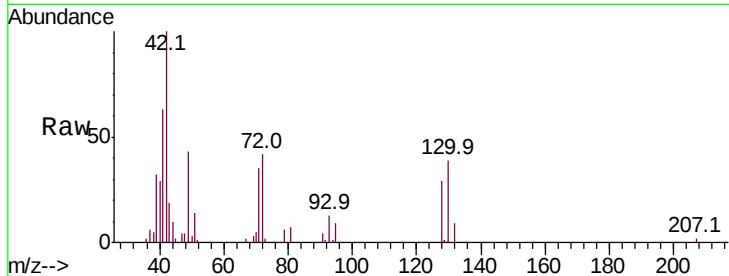
#29
Tetrahydrofuran
Concen: 98.650 ug/l
RT: 7.57 min Scan# 960
Delta R.T. -0.00 min
Lab File: VD065643.D
Acq: 17 Apr 2020 14:32

Instrument :
MSVOA_D
ClientSampleId :
VD0417SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.8	34.4	51.6
71	38.5	31.4	47.0

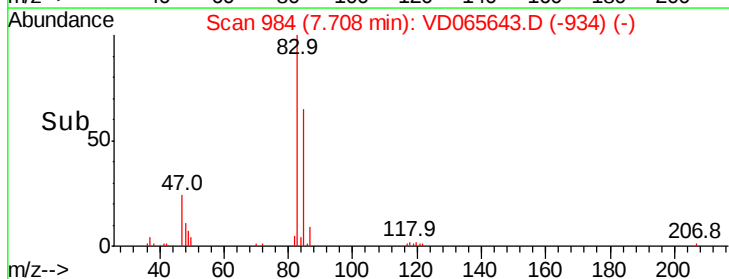
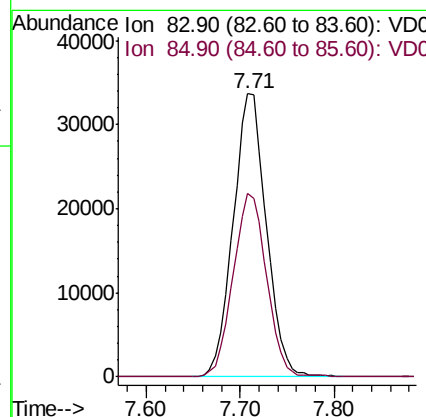
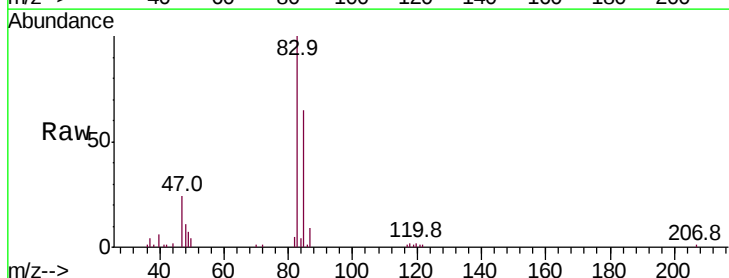
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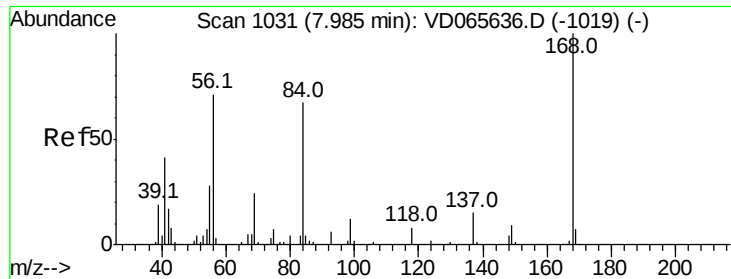
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#30
Chloroform
Concen: 19.406 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.01 min
Lab File: VD065643.D
Acq: 17 Apr 2020 14:32

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	52.6	78.8





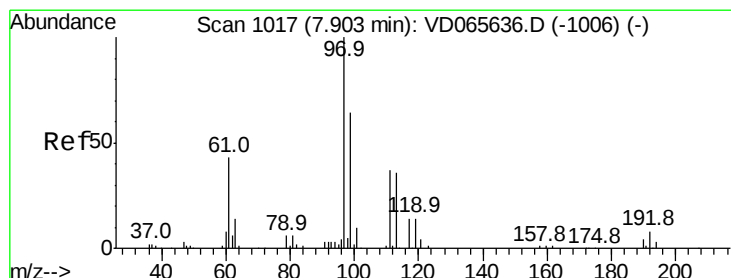
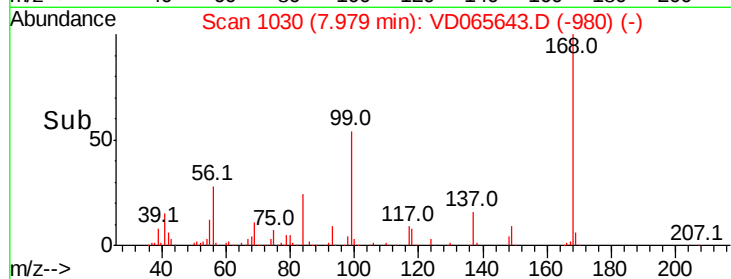
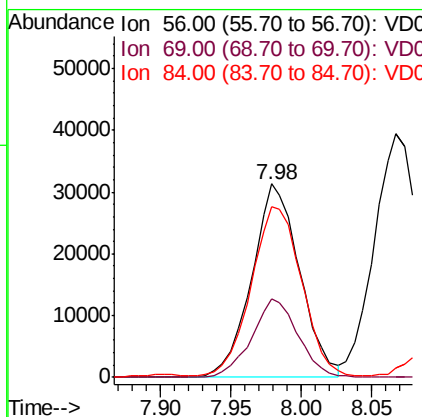
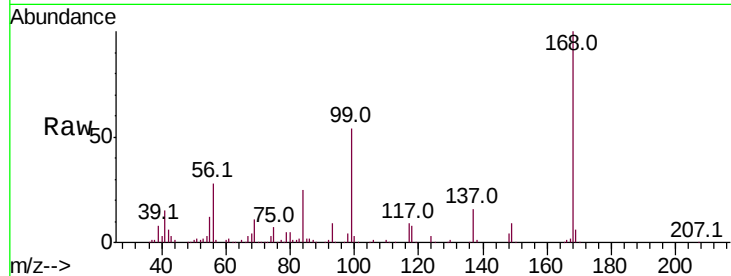
#31
Cyclohexane
Concen: 18.847 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD065643.D
Acq: 17 Apr 2020 14:32

Instrument :
MSVOA_D
ClientSampleId :
VD0417SBS01

Tot Ion: 56 Resp: 74449
Ion Ratio Lower Upper
56 100
69 40.8 26.6 40.0#
84 87.1 75.3 112.9

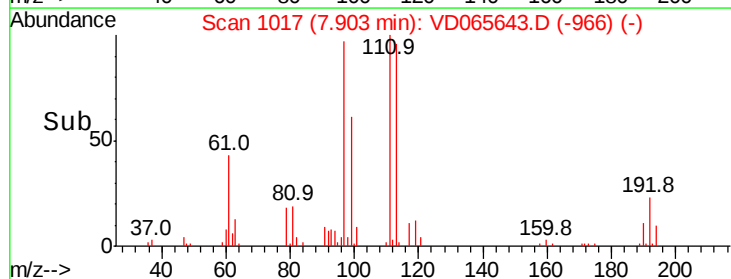
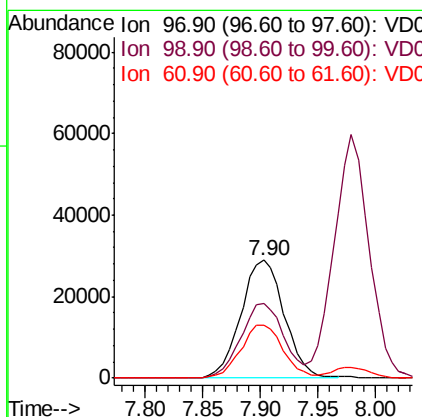
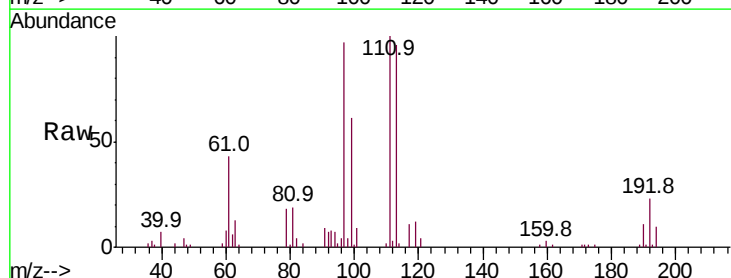
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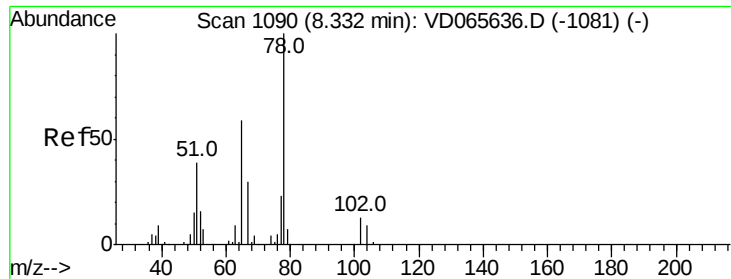
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#32
1,1,1-Trichloroethane
Concen: 19.824 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VD065643.D
Acq: 17 Apr 2020 14:32

Tgt Ion: 97 Resp: 75648
Ion Ratio Lower Upper
97 100
99 62.7 51.5 77.3
61 44.2 34.8 52.2





#33

1,2-Dichloroethane-d4

Concen: 46.746 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD065643.D

Acq: 17 Apr 2020 14:32

Instrument :

MSVOA_D

ClientSampleId :

VD0417SBS01

Tot Ion: 65 Resp: 98050

Ion Ratio Lower Upper

65 100

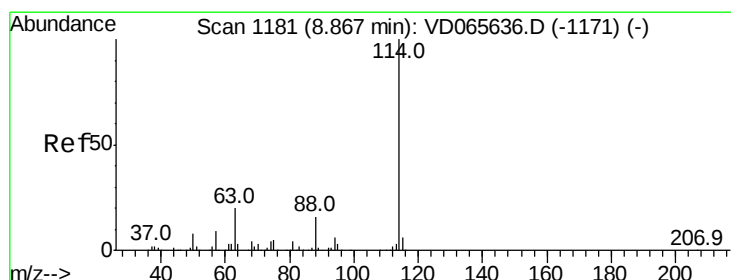
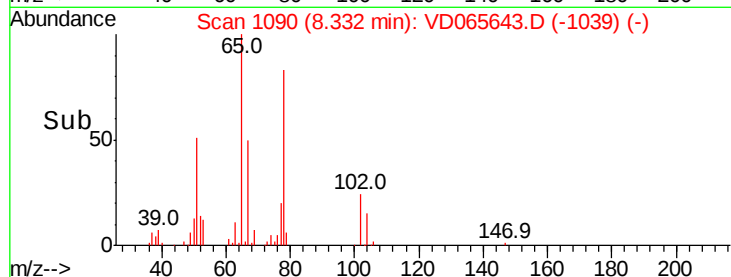
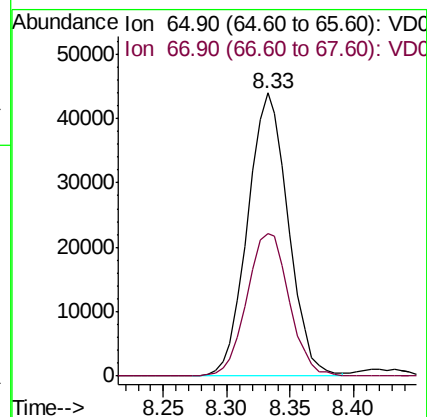
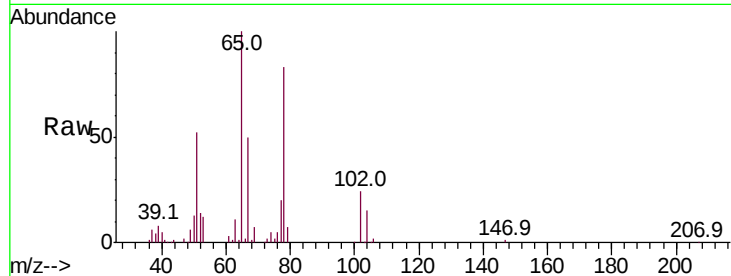
67 52.3 0.0 105.8

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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: VD065643.D

Acq: 17 Apr 2020 14:32

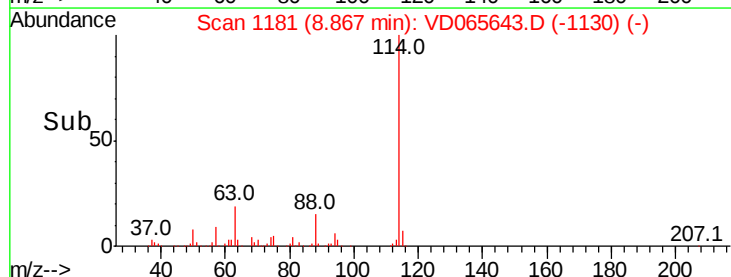
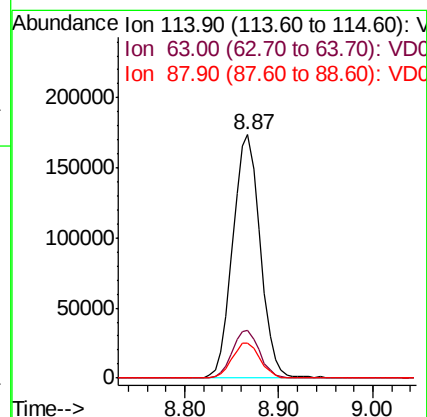
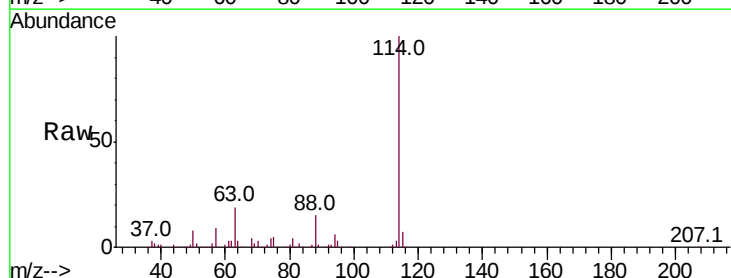
Tgt Ion: 114 Resp: 353751

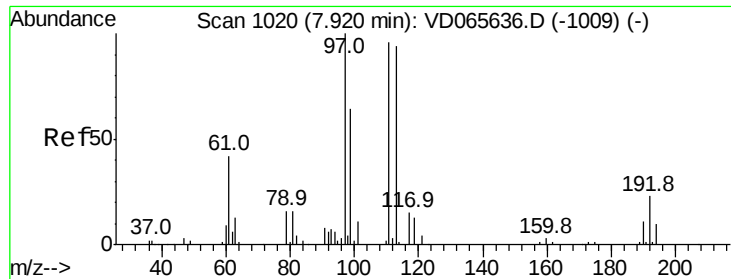
Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.8

88 14.5 0.0 31.6





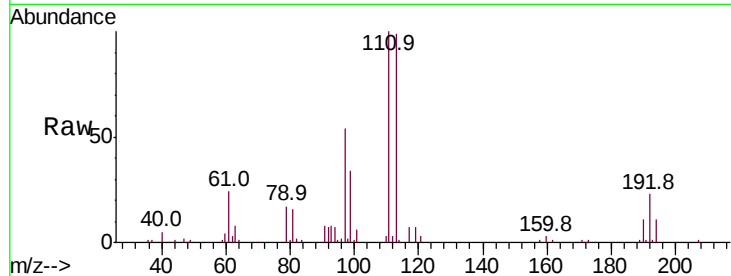
#35
 Dibromofluoromethane
 Concen: 44.972 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD065643.D
 Acq: 17 Apr 2020 14:32

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0417SBS01

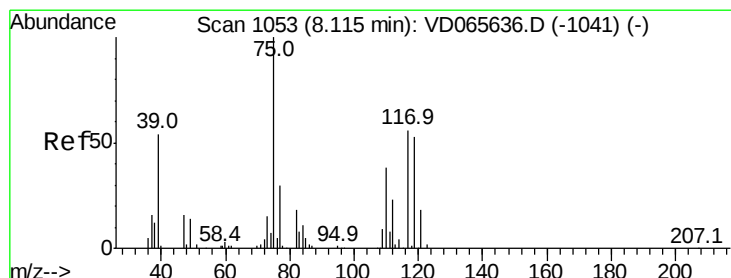
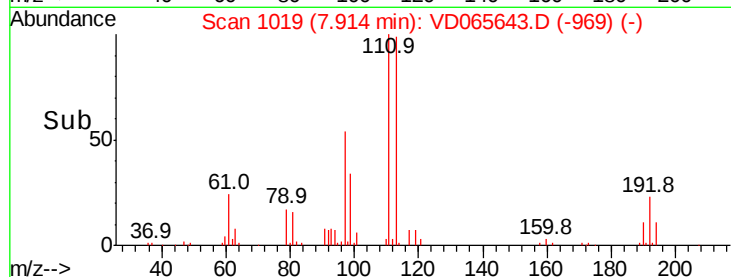
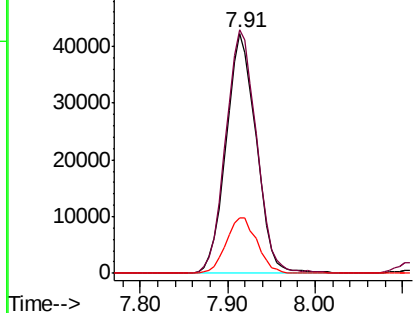
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.0	81.9	122.9
192	23.6	18.9	28.3

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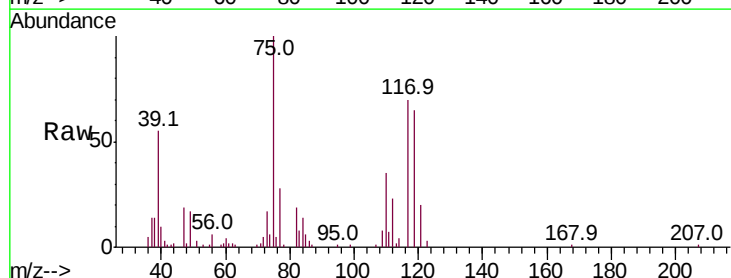


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

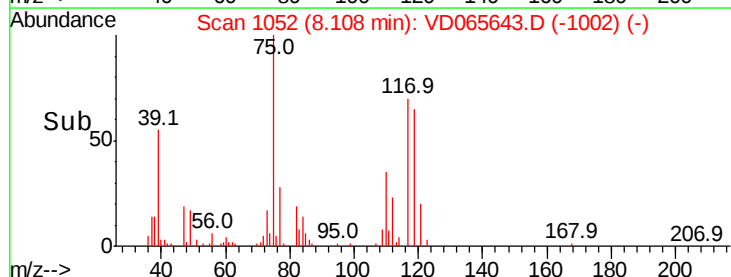
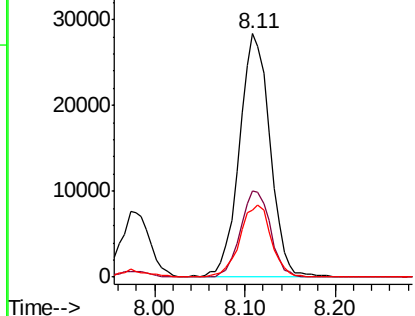


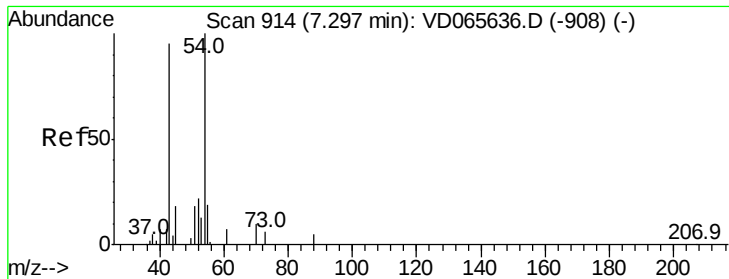
#36
 1,1-Dichloropropene
 Concen: 19.462 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VD065643.D
 Acq: 17 Apr 2020 14:32

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.4	18.3	54.8
77	30.2	24.6	37.0



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V





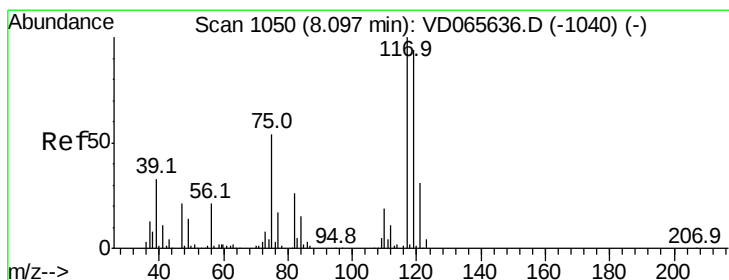
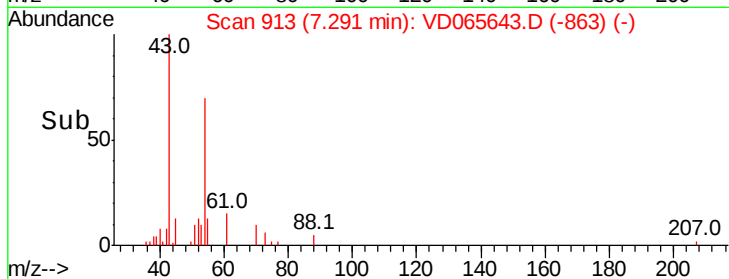
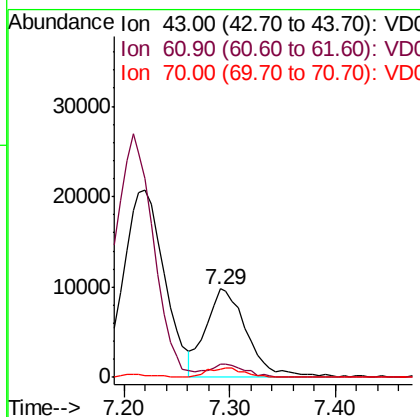
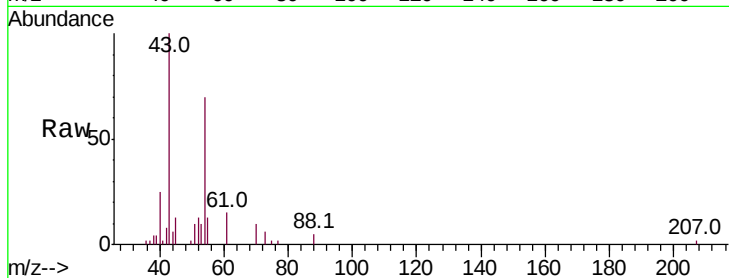
#37
Ethyl Acetate
Concen: 19.544 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD065643.D
Acq: 17 Apr 2020 14:32

Instrument :
MSVOA_D
ClientSampleId :
VD0417SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.9	16.3
70	9.4	7.9	11.9

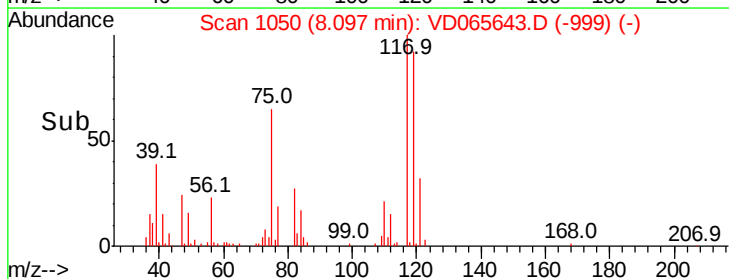
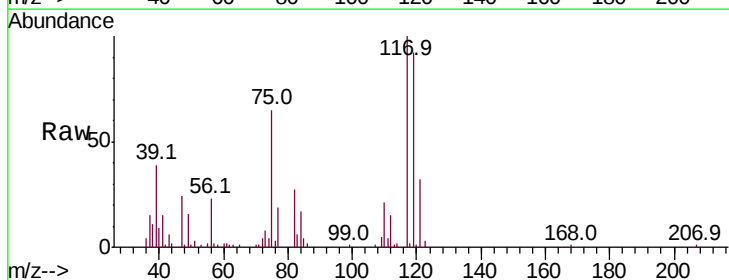
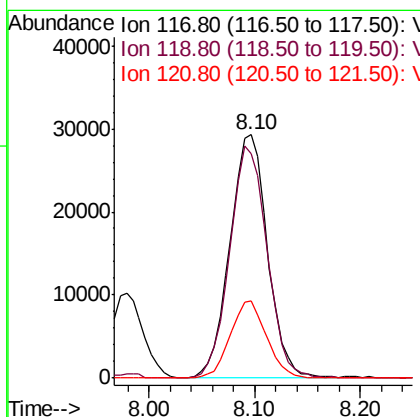
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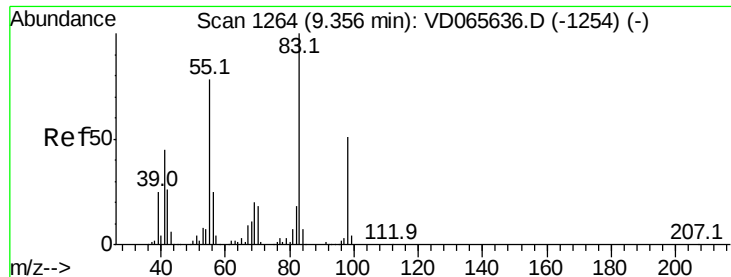
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#38
Carbon Tetrachloride
Concen: 19.770 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD065643.D
Acq: 17 Apr 2020 14:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.1	75.3	112.9
121	31.6	24.9	37.3





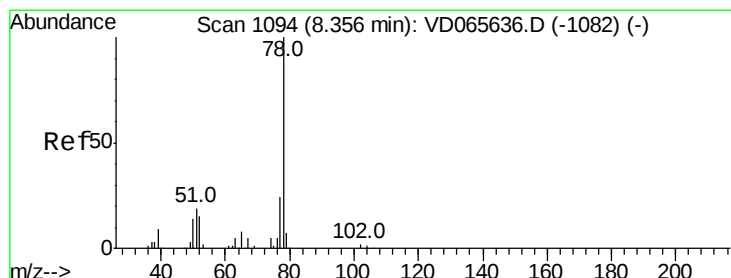
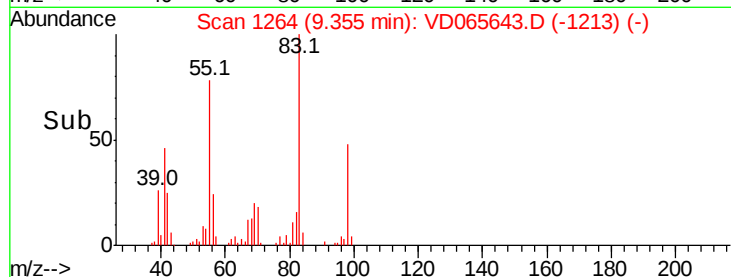
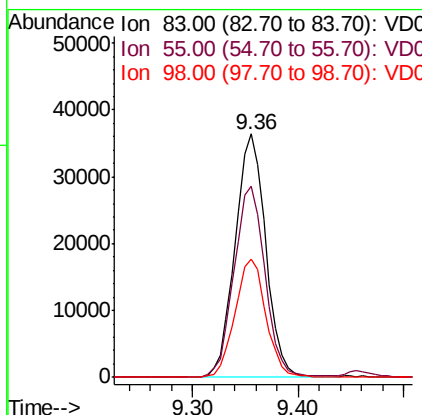
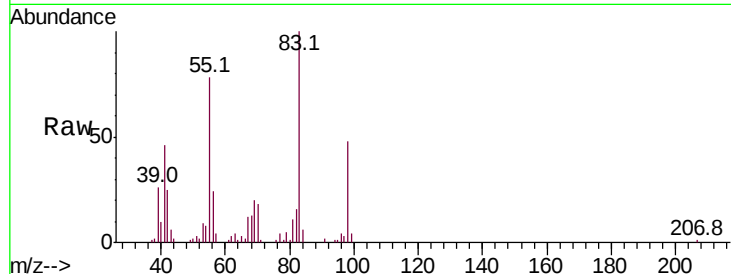
#39
Methvlcvclohexane
Concen: 18.400 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD065643.D
Acq: 17 Apr 2020 14:32

Instrument :
MSVOA_D
ClientSampleId :
VD0417SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.5	62.3	93.5
98	48.3	40.5	60.7

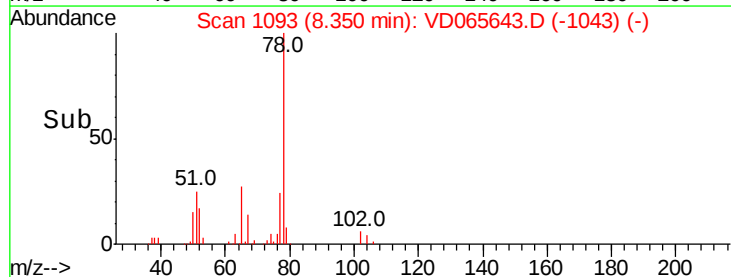
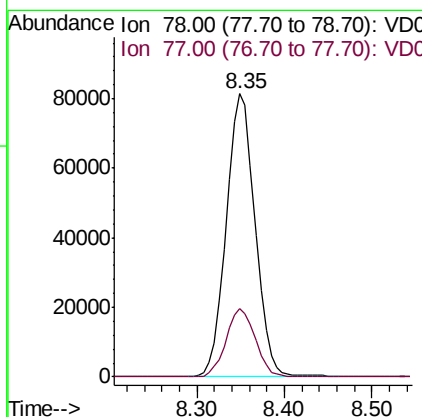
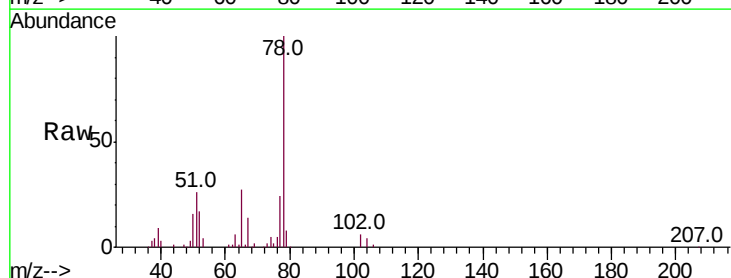
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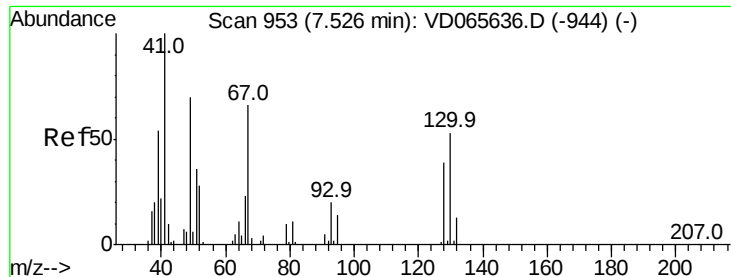
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#40
Benzene
Concen: 18.618 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD065643.D
Acq: 17 Apr 2020 14:32

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	18.9	28.3





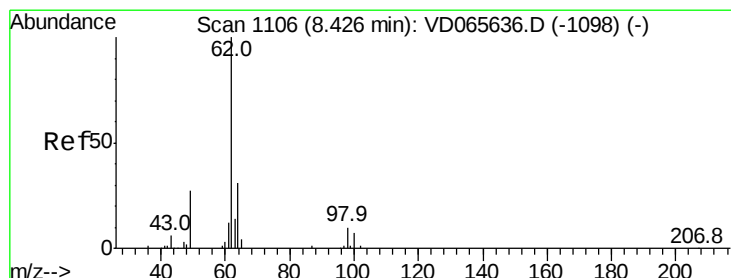
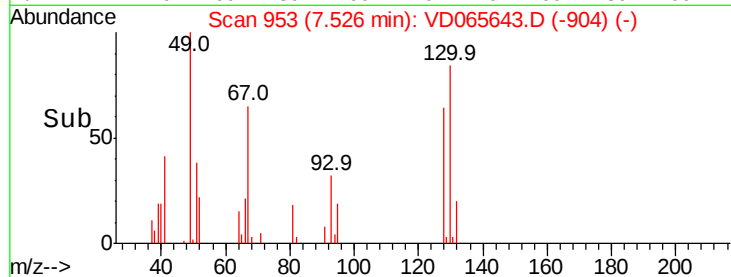
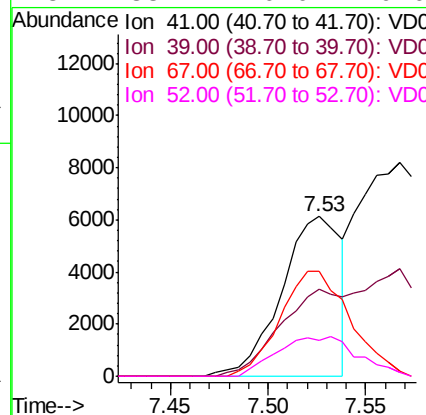
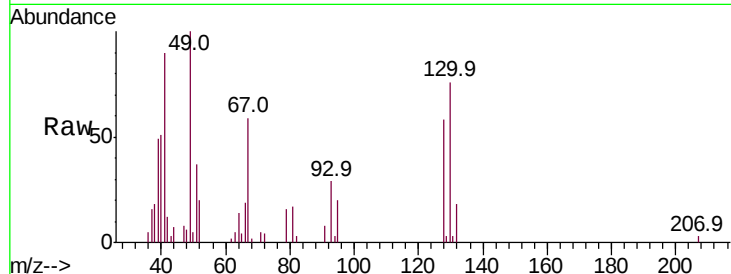
#41
Methacrylonitrile
Concen: 19.338 ug/l
RT: 7.53 min Scan# 953
Delta R.T. -0.01 min
Lab File: VD065643.D
Acq: 17 Apr 2020 14:32

Instrument :
MSVOA_D
ClientSampleId :
VD0417SBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	56.5	0.0	0.0#
67	76.9	0.0	0.0#
52	33.2	0.0	0.0#

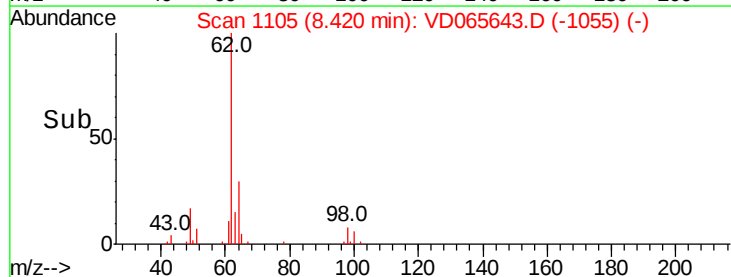
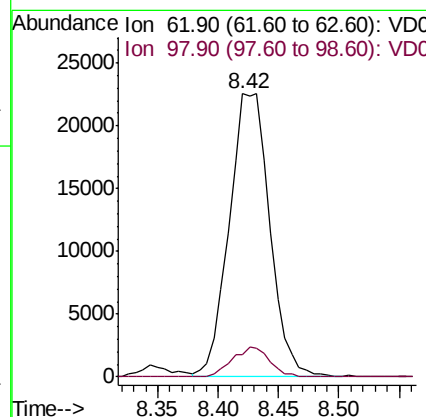
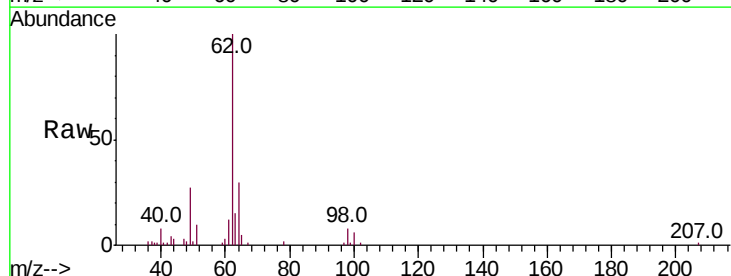
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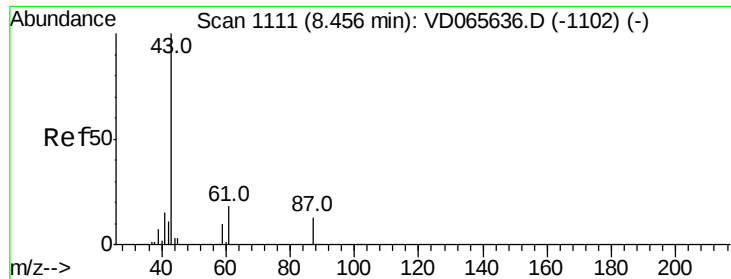
MMDadoda
4/20/2020 4:28:18 PM



#42
1,2-Dichloroethane
Concen: 19.590 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VD065643.D
Acq: 17 Apr 2020 14:32

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	20.6





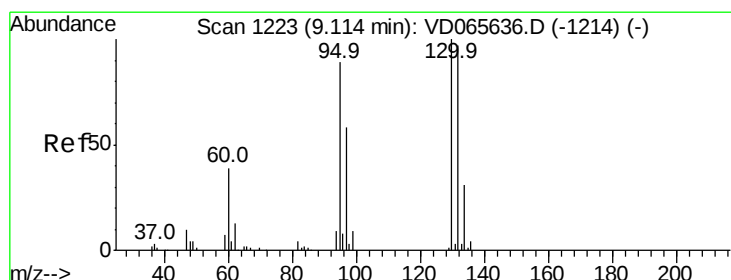
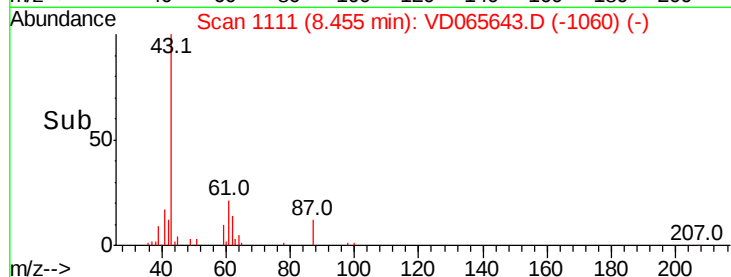
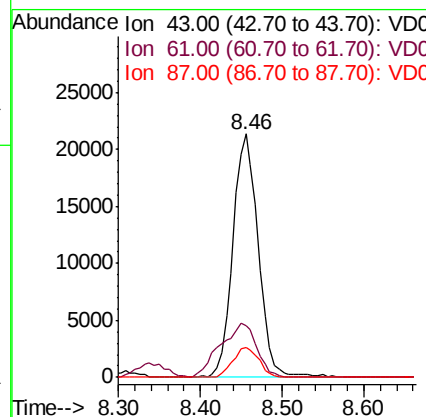
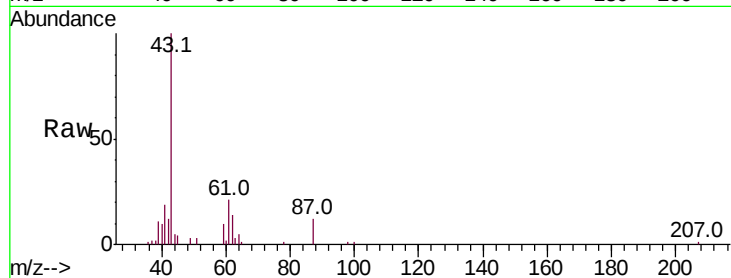
#43
Isopropyl Acetate
Concen: 18.799 ug/l
RT: 8.46 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD065643.D
Acq: 17 Apr 2020 14:32

Instrument :
MSVOA_D
ClientSampleId :
VD0417SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	31.6	25.0	37.6
87	12.5	9.9	14.9

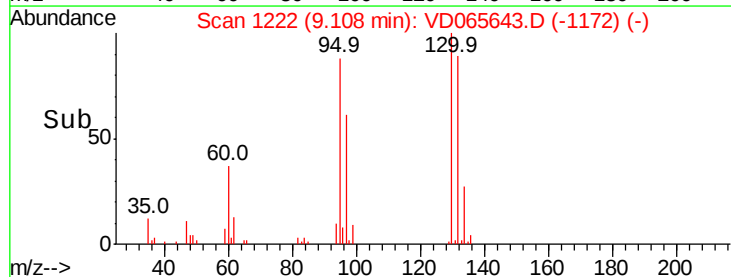
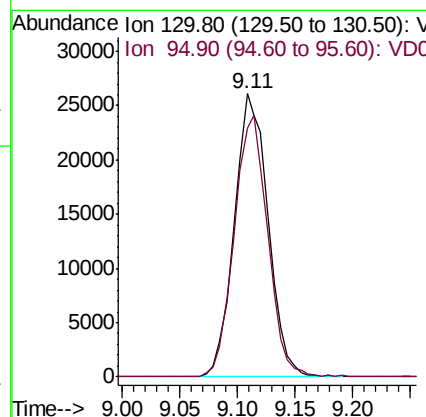
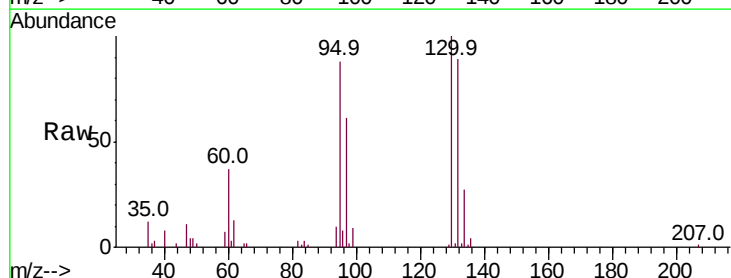
Manual Integrations
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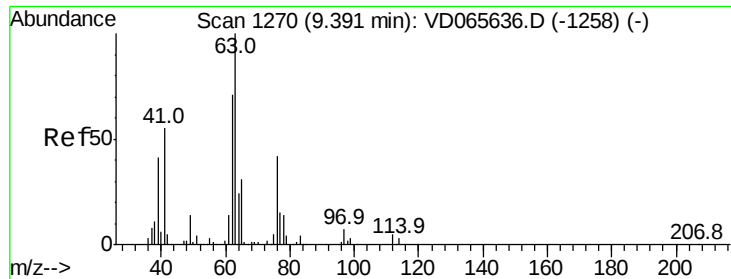
MMDadoda
4/20/2020 4:28:18 PM



#44
Trichloroethene
Concen: 19.175 ug/l
RT: 9.11 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VD065643.D
Acq: 17 Apr 2020 14:32

Tgt Ion	Ratio	Lower	Upper
130	100		
95	87.9	0.0	178.4





#45

1,2-Dichloropropane

Concen: 19.117 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VD065643.D

Acq: 17 Apr 2020 14:32

Instrument :

MSVOA_D

ClientSampleId :

VD0417SBS01

Tot Ion: 63 Resp: 46076

Ion Ratio Lower Upper

63 100

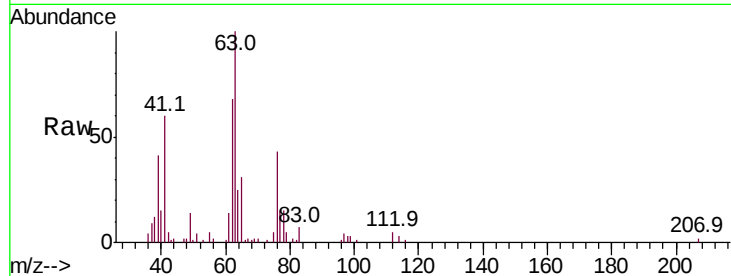
65 31.2 24.7 37.1

Manual Integrations

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Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC

9.39

25000

20000

15000

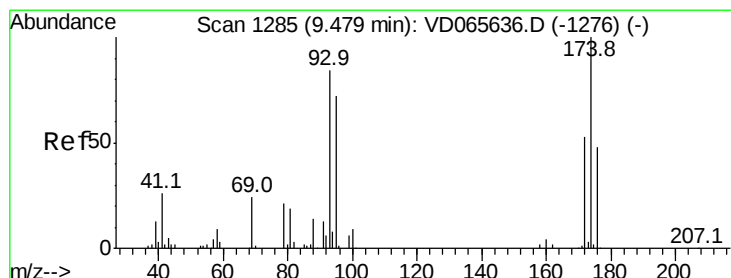
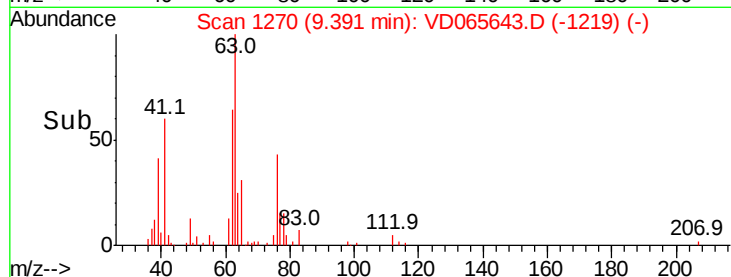
10000

5000

0

9.30 9.35 9.40 9.45 9.50

Time-->



#46

Dibromomethane

Concen: 18.776 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. -0.00 min

Lab File: VD065643.D

Acq: 17 Apr 2020 14:32

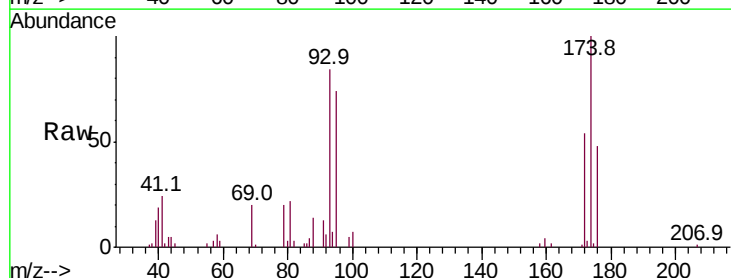
Tgt Ion: 93 Resp: 23403

Ion Ratio Lower Upper

93 100

95 84.6 67.4 101.2

174 118.2 94.1 141.1



Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): VDC

15000

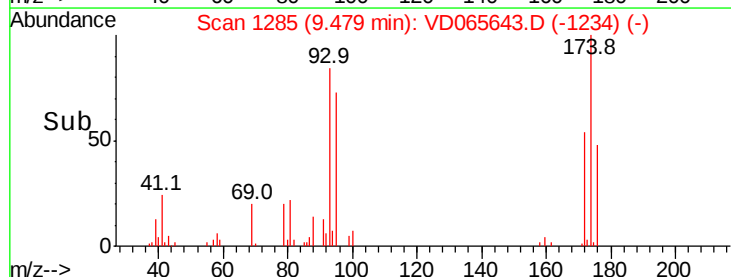
10000

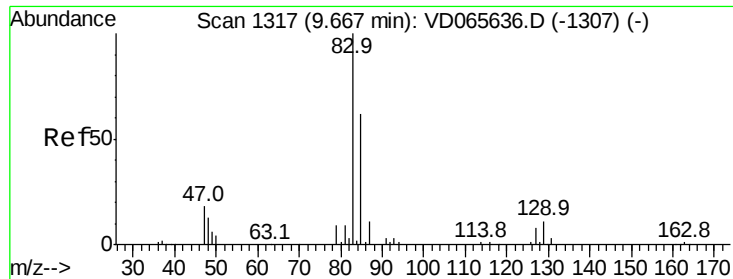
5000

0

9.40 9.45 9.50 9.55

Time-->





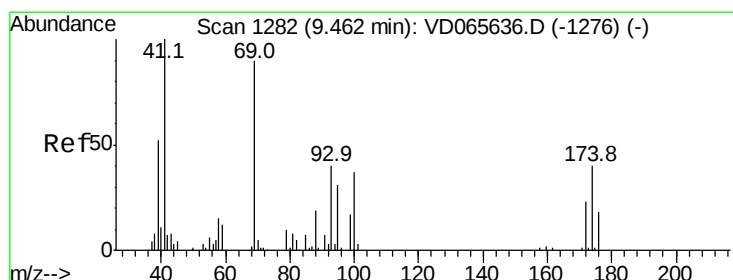
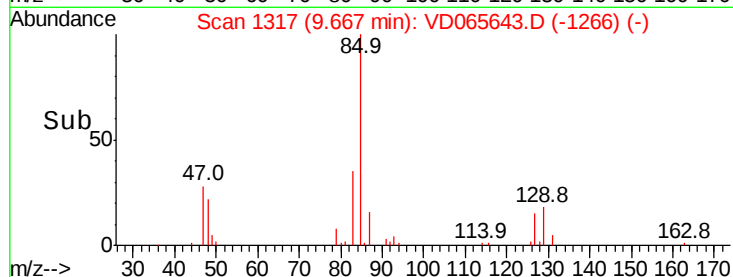
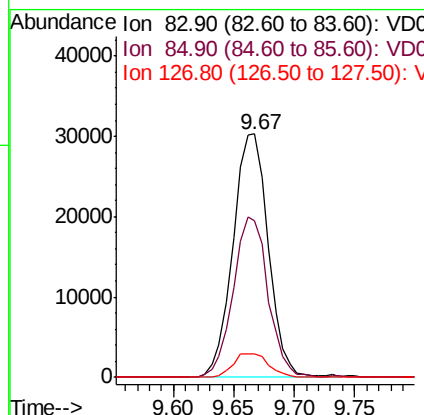
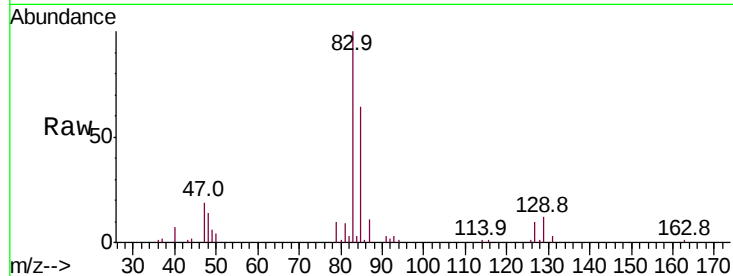
#47
Bromodichloromethane
Concen: 18.685 ug/l
RT: 9.67 min Scan# 1317
Delta R.T. -0.00 min
Lab File: VD065643.D
Acq: 17 Apr 2020 14:32

Instrument :
MSVOA_D
ClientSampleId :
VD0417SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
85	64.2	49.8	74.8
127	9.6	6.6	9.8

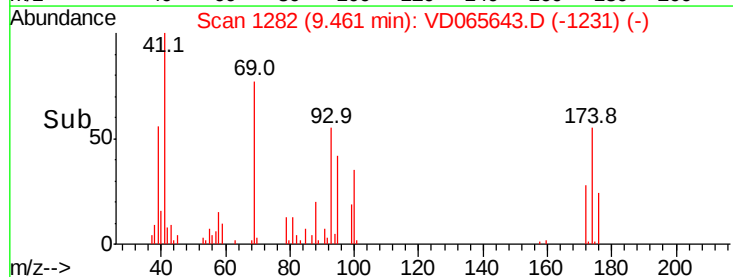
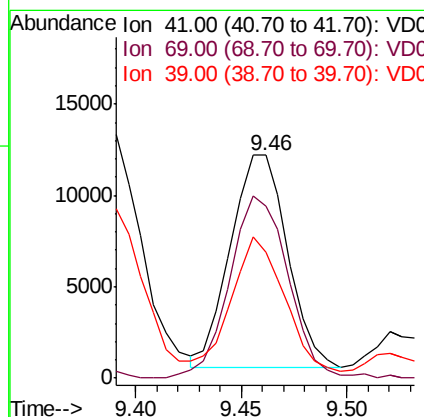
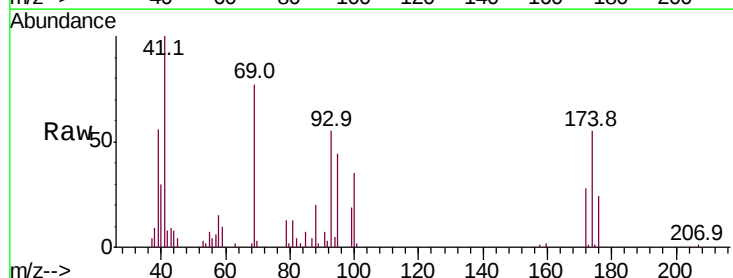
Manual Integrations
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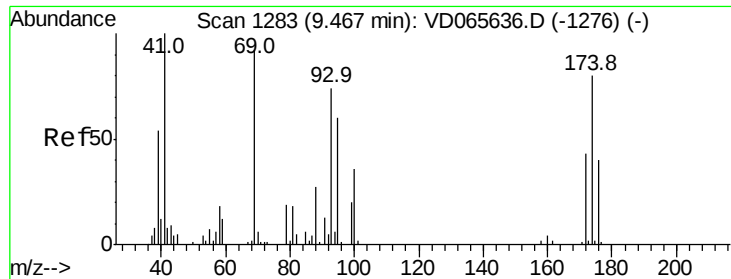
MMDadoda
4/20/2020 4:28:18 PM



#48
Methyl methacrylate
Concen: 17.805 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VD065643.D
Acq: 17 Apr 2020 14:32

Tgt Ion	Ratio	Lower	Upper
41	100		
69	88.4	66.8	100.2
39	57.0	39.6	59.4





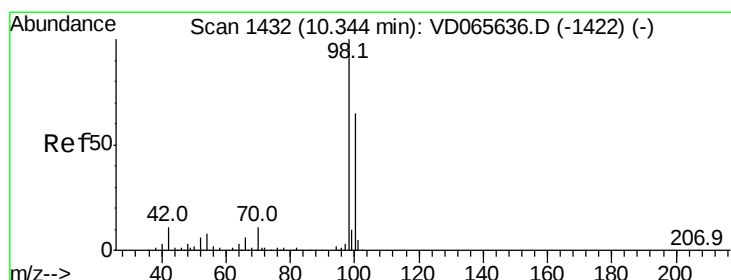
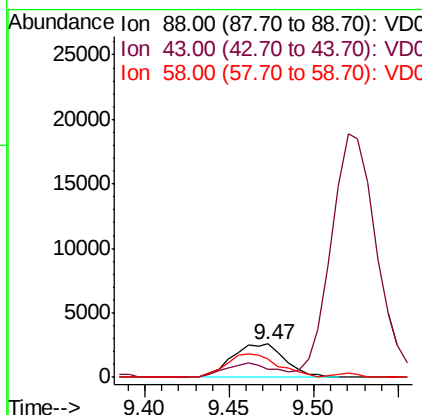
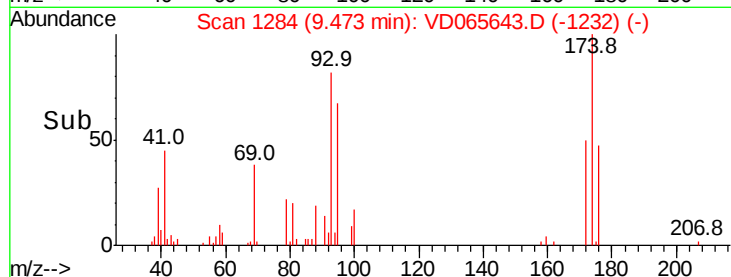
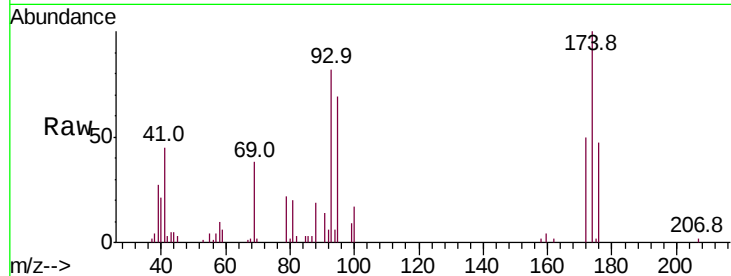
#49
1,4-Dioxane
Concen: 387.228 ug/l
RT: 9.47 min Scan# 1284
Delta R.T. 0.01 min
Lab File: VD065643.D
Acq: 17 Apr 2020 14:32

Instrument :
MSVOA_D
ClientSampleId :
VD0417SBS01

Tot Ion	88	Resp	5588
Ion	Ratio	Lower	Upper
88	100		
43	39.5	28.1	42.1
58	68.9	55.7	83.5

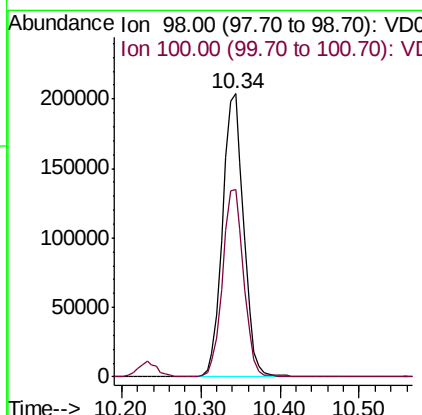
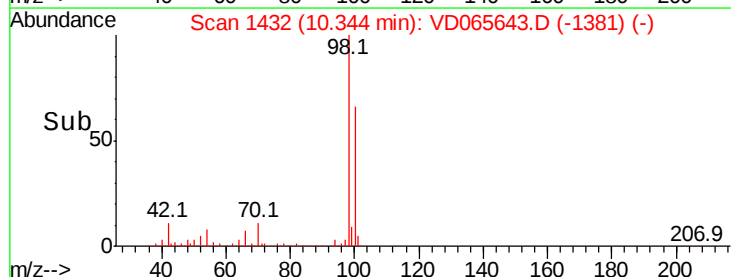
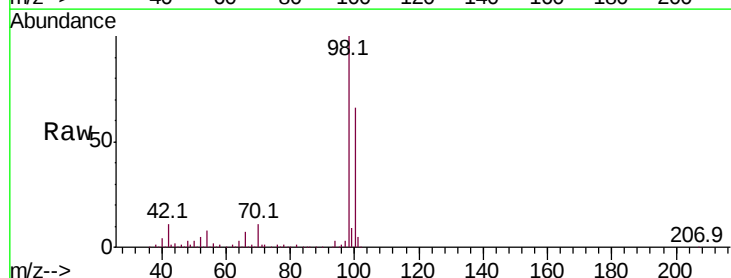
Manual Integrations
APPROVED

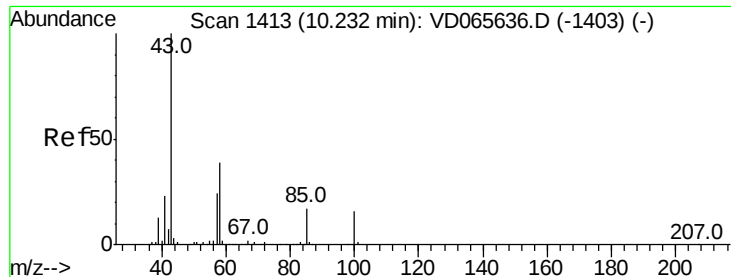
MMDadoda
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#50
Toluene-d8
Concen: 46.302 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065643.D
Acq: 17 Apr 2020 14:32

Tgt Ion	98	Resp	375787
Ion	Ratio	Lower	Upper
98	100		
100	66.3	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 92.354 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. -0.00 min

Lab File: VD065643.D

Acq: 17 Apr 2020 14:32

Instrument :

MSVOA_D

ClientSampleId :

VD0417SBS01

Tot Ion: 43 Resp: 117791

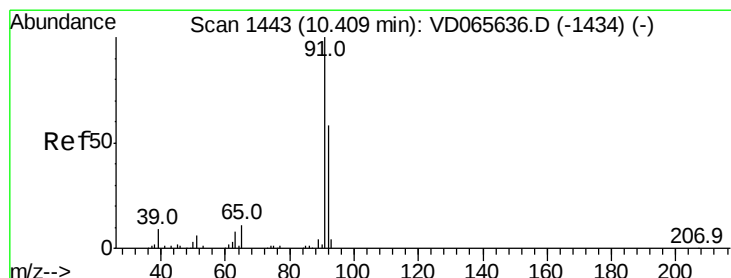
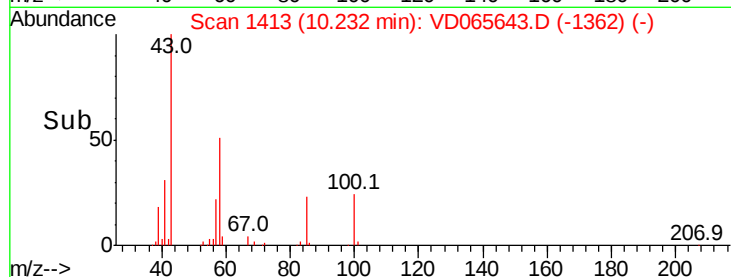
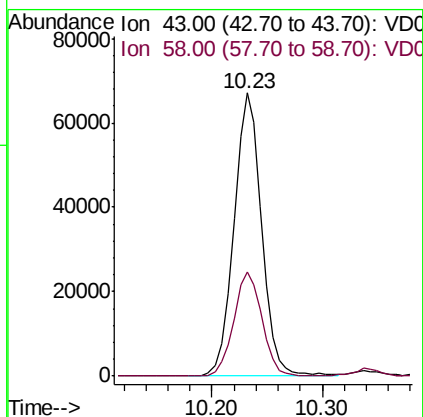
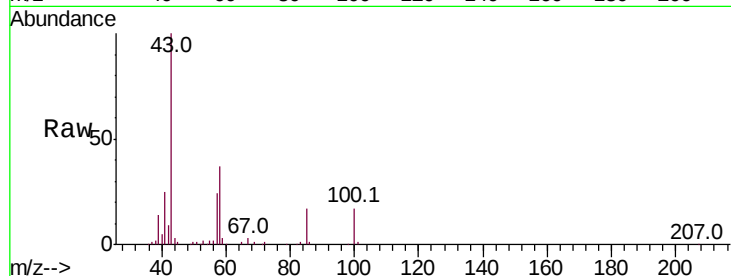
Ion Ratio Lower Upper

43 100

58 37.7 31.1 46.7

Manual Integrations
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4/20/2020 4:28:18 PM



#52

Toluene

Concen: 19.851 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.01 min

Lab File: VD065643.D

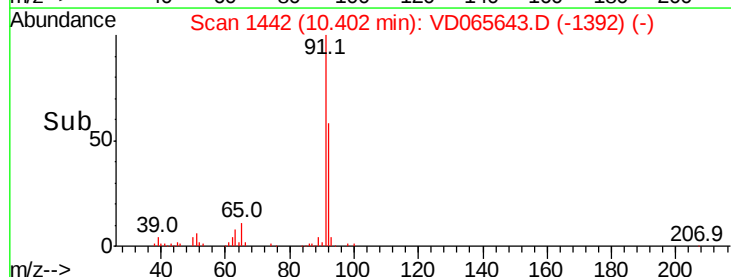
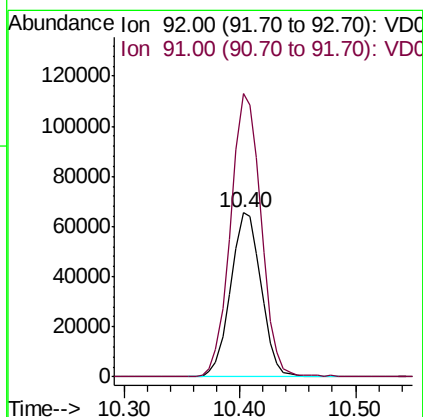
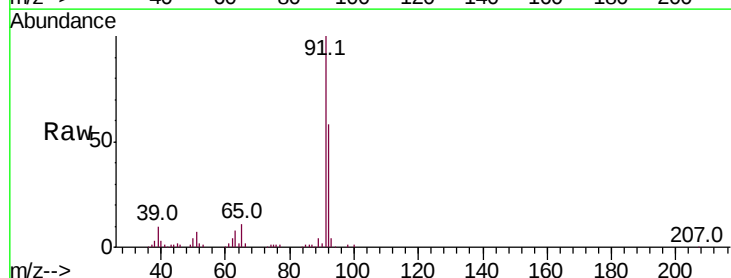
Acq: 17 Apr 2020 14:32

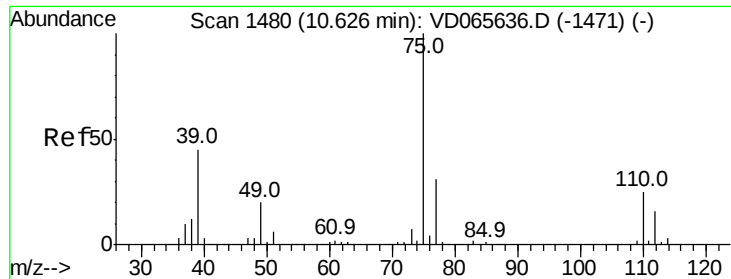
Tgt Ion: 92 Resp: 120180

Ion Ratio Lower Upper

92 100

91 172.4 136.6 205.0





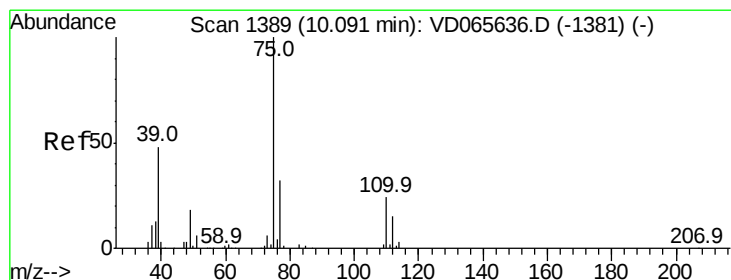
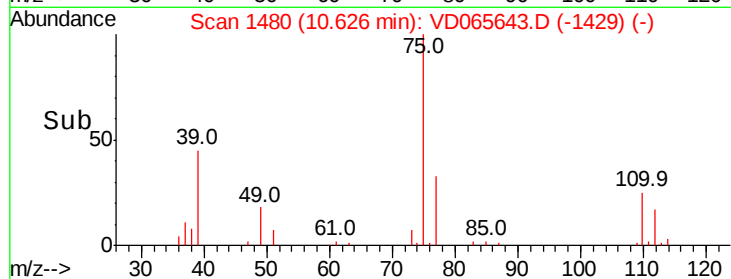
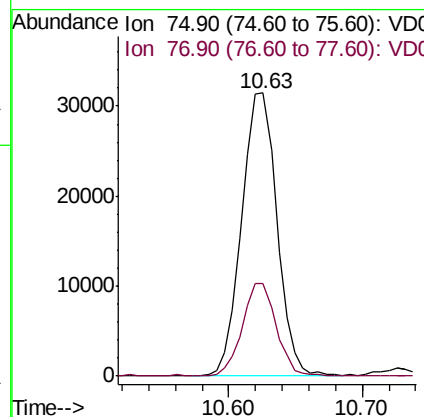
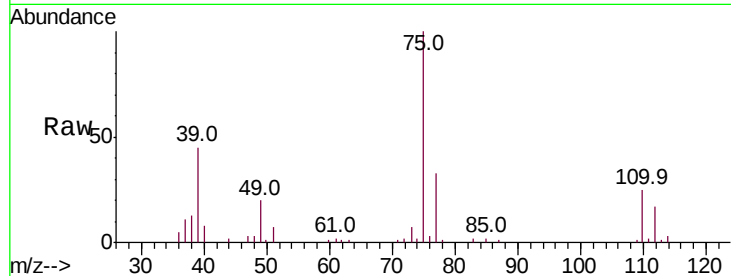
#53
 t-1,3-Dichloropropene
 Concen: 18.922 ug/l
 RT: 10.63 min Scan# 1480
 Delta R.T. -0.00 min
 Lab File: VD065643.D
 Acq: 17 Apr 2020 14:32

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0417SBS01

Tot Ion: 75 Resp: 57667
 Ion Ratio Lower Upper
 75 100
 77 32.8 24.8 37.2

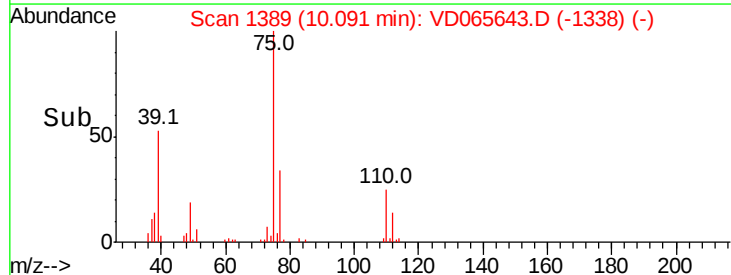
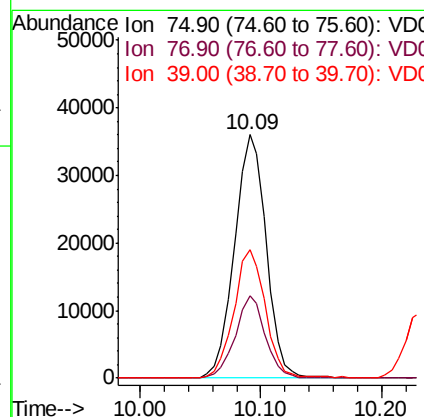
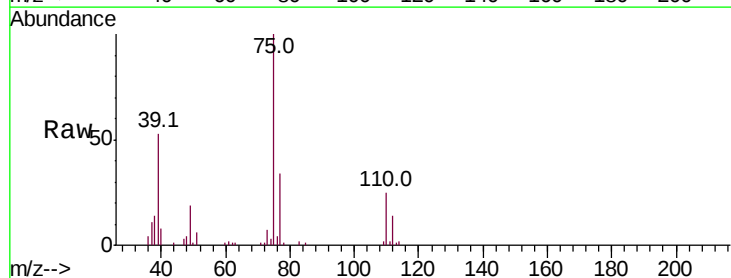
Manual Integrations
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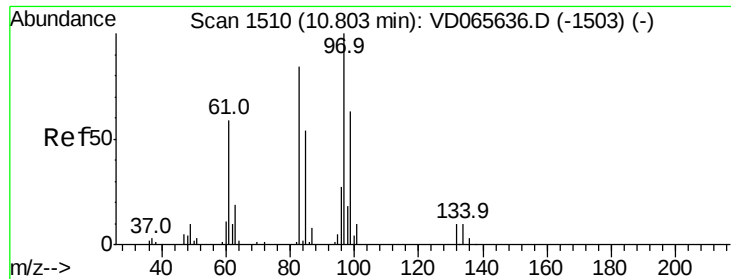
MMDadoda
 4/20/2020 4:28:18 PM



#54
 cis-1,3-Dichloropropene
 Concen: 17.848 ug/l
 RT: 10.09 min Scan# 1389
 Delta R.T. -0.00 min
 Lab File: VD065643.D
 Acq: 17 Apr 2020 14:32

Tgt Ion: 75 Resp: 65829
 Ion Ratio Lower Upper
 75 100
 77 33.8 25.2 37.8
 39 52.5 38.7 58.1





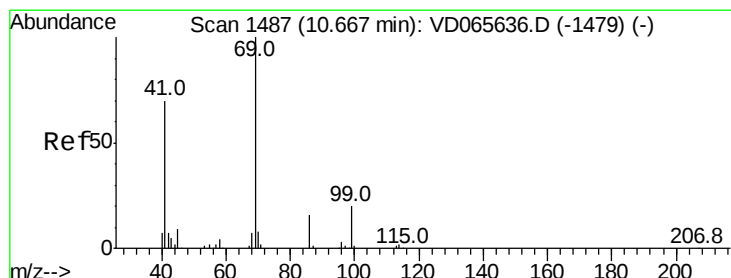
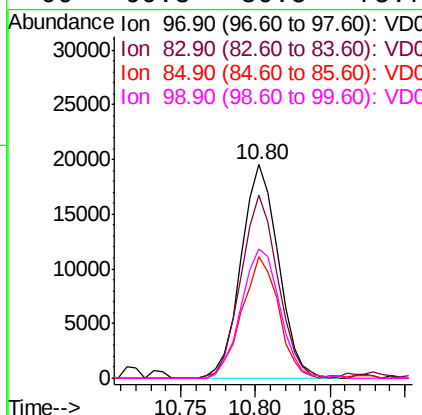
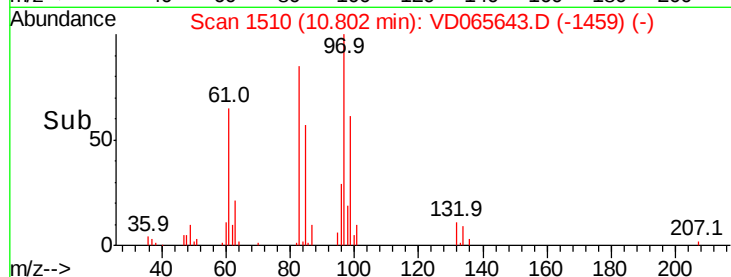
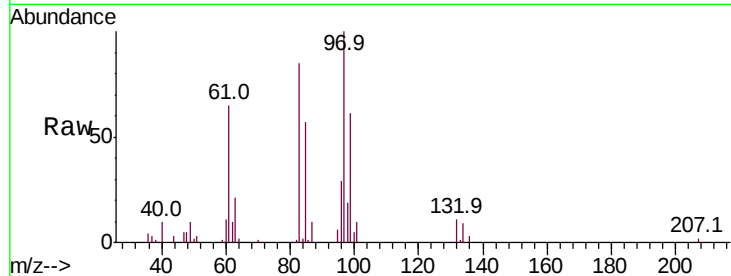
#55
 1,1,2-Trichloroethane
 Concen: 19.189 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD065643.D
 Acq: 17 Apr 2020 14:32

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0417SBS01

Tot Ion:	97	Resp:	33829
Ion	Ratio	Lower	Upper
97	100		
83	85.4	67.4	101.0
85	56.8	43.4	65.0
99	60.8	50.5	75.7

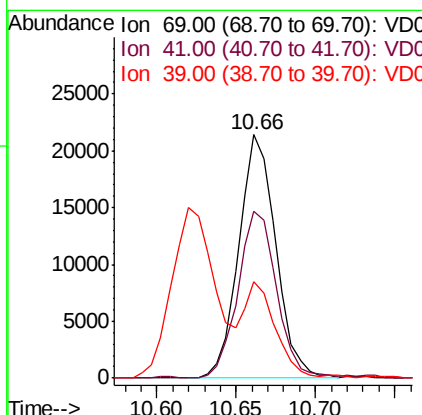
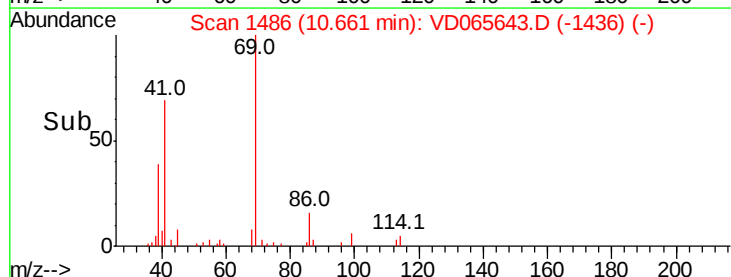
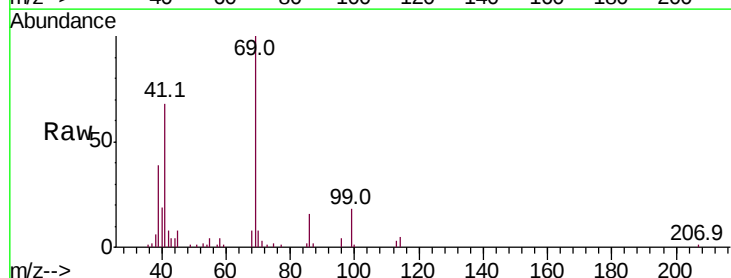
Manual Integrations
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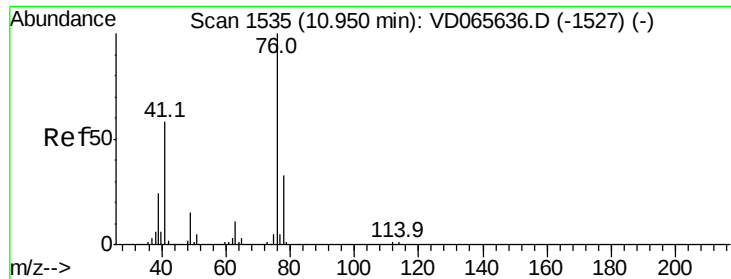
MMDadoda
 4/20/2020 4:28:18 PM



#56
 Ethyl methacrylate
 Concen: 18.129 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: VD065643.D
 Acq: 17 Apr 2020 14:32

Tgt Ion:	69	Resp:	34747
Ion	Ratio	Lower	Upper
69	100		
41	71.6	56.2	84.4
39	31.7	26.6	39.8





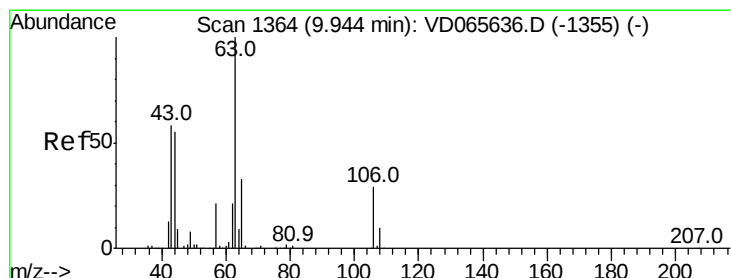
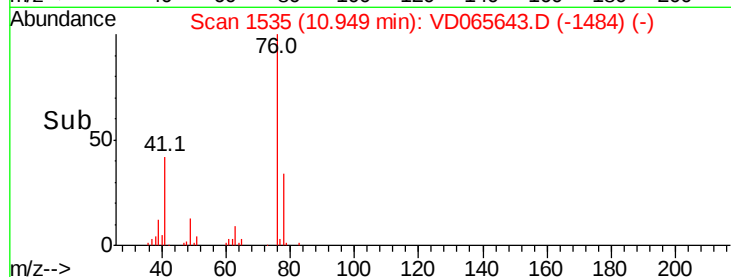
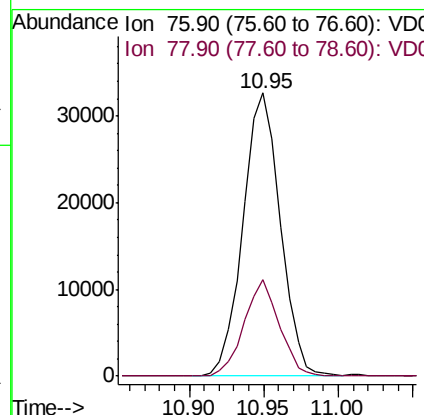
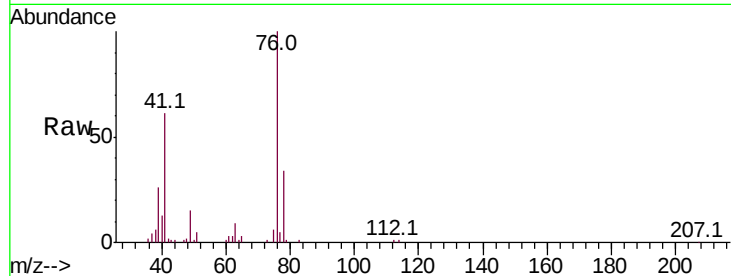
#57
 1,3-Dichloropropane
 Concen: 18.877 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VD065643.D
 Acq: 17 Apr 2020 14:32

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0417SBS01

Tot Ion: 76 Resp: 56669
 Ion Ratio Lower Upper
 76 100
 78 31.9 26.1 39.1

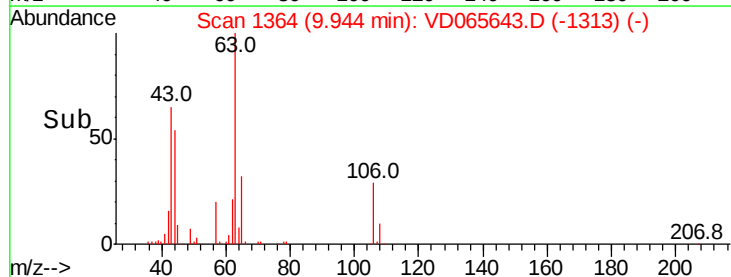
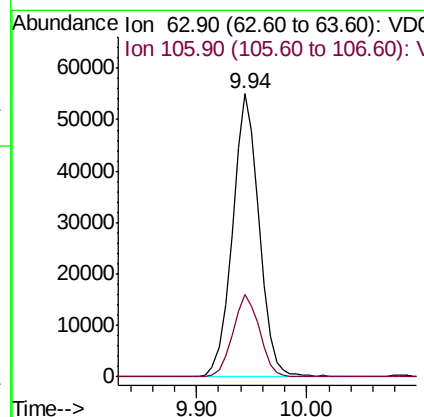
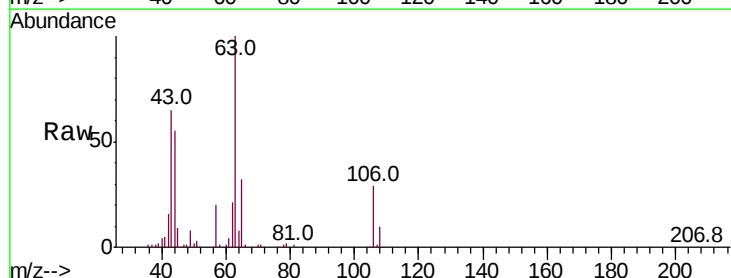
Manual Integrations
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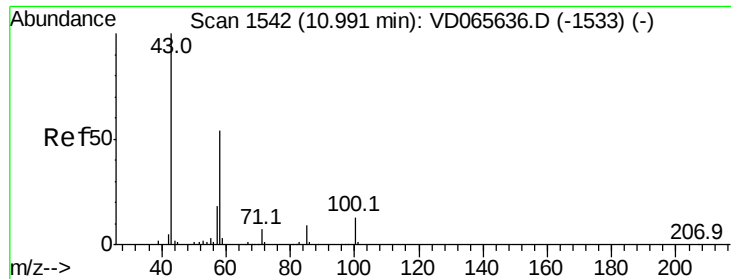
MMDadoda
 4/20/2020 4:28:18 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 95.504 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: VD065643.D
 Acq: 17 Apr 2020 14:32

Tgt Ion: 63 Resp: 92705
 Ion Ratio Lower Upper
 63 100
 106 29.2 23.8 35.6





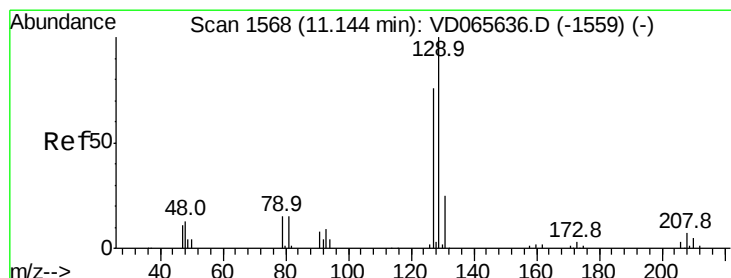
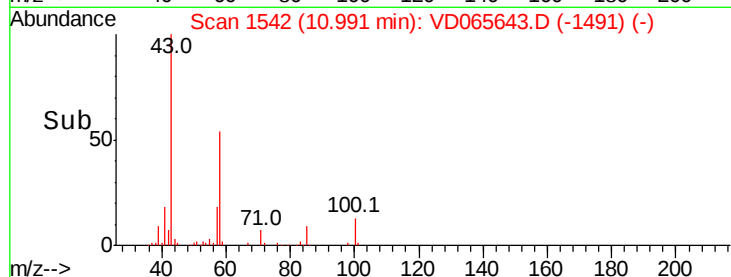
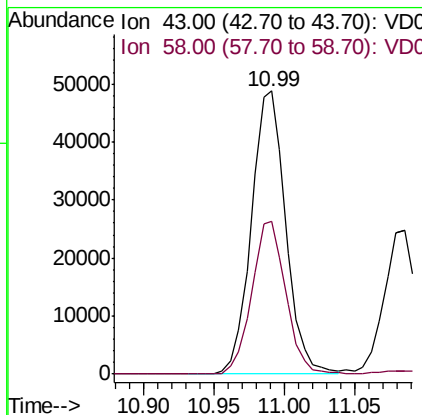
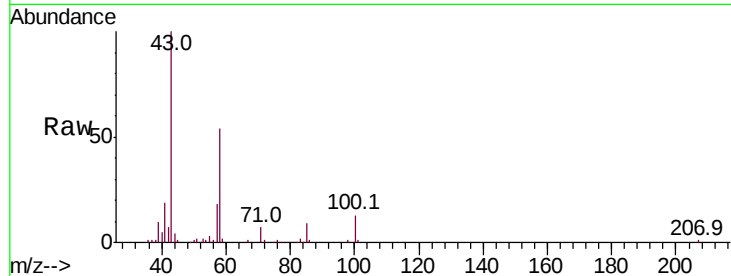
#59
2-Hexanone
Concen: 95.214 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD065643.D
Acq: 17 Apr 2020 14:32

Instrument :
MSVOA_D
ClientSampleId :
VD0417SBS01

Tot Ion: 43 Resp: 83531
Ion Ratio Lower Upper
43 100
58 53.5 26.5 79.4

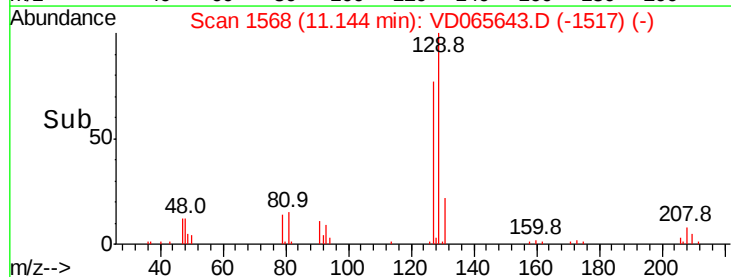
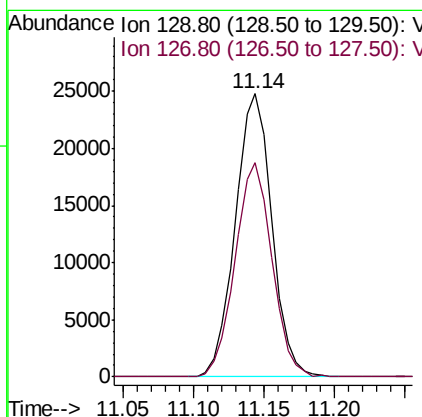
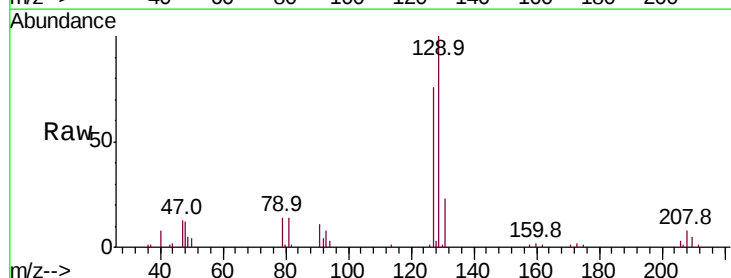
Manual Integrations
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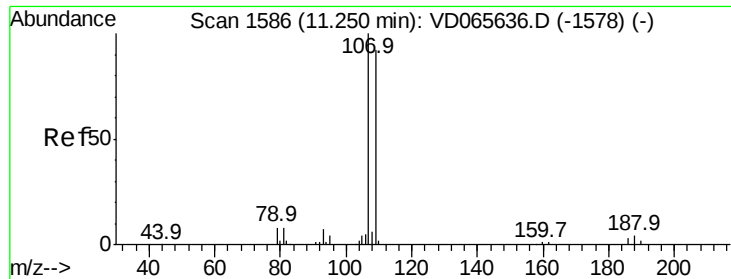
MMDadoda
4/20/2020 4:28:18 PM



#60
Dibromochloromethane
Concen: 19.324 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD065643.D
Acq: 17 Apr 2020 14:32

Tgt Ion: 129 Resp: 44870
Ion Ratio Lower Upper
129 100
127 76.2 38.8 116.3





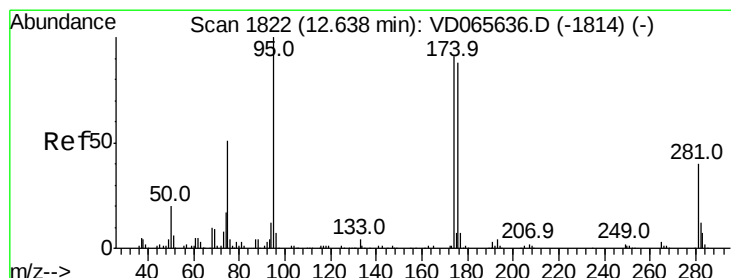
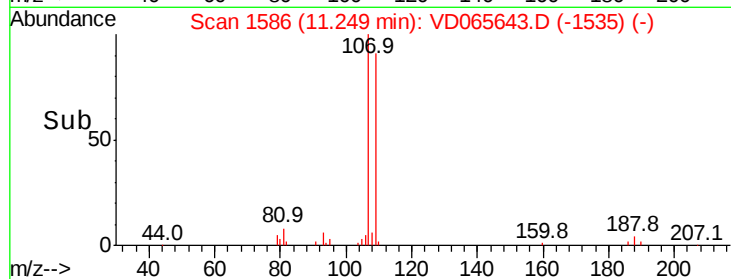
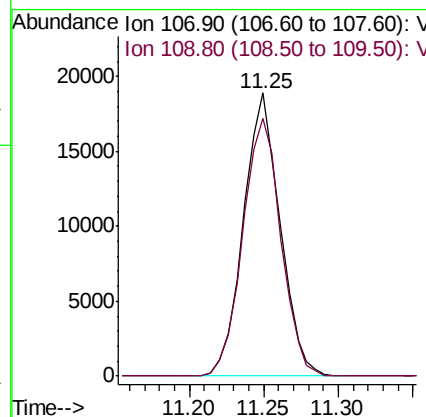
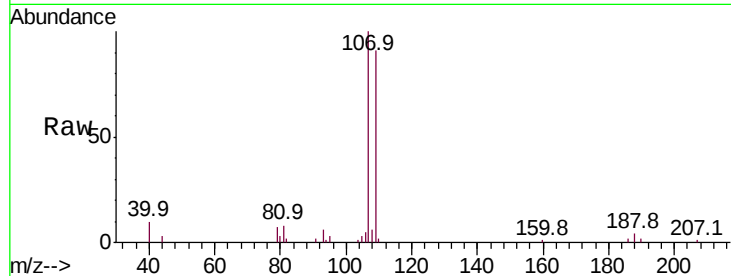
#61
1,2-Dibromoethane
Concen: 18.927 ug/l
RT: 11.25 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VD065643.D
Acq: 17 Apr 2020 14:32

Instrument :
MSVOA_D
ClientSampleId :
VD0417SBS01

Tot Ion:107 Resp: 32107
Ion Ratio Lower Upper
107 100
109 94.5 74.6 112.0

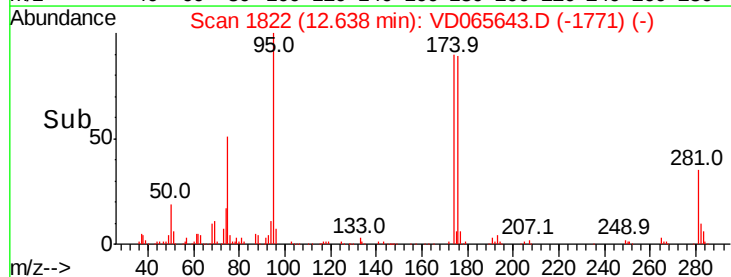
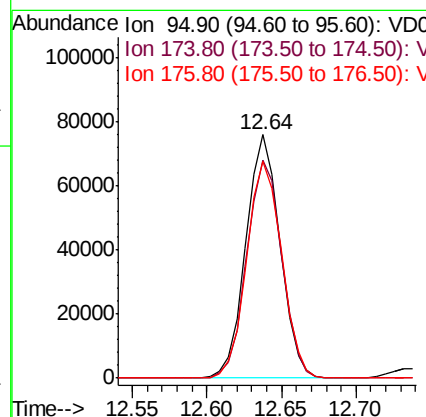
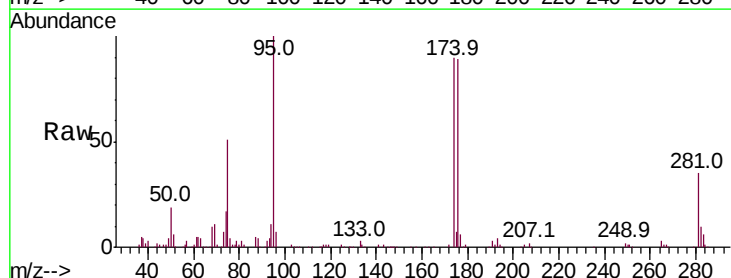
Manual Integrations
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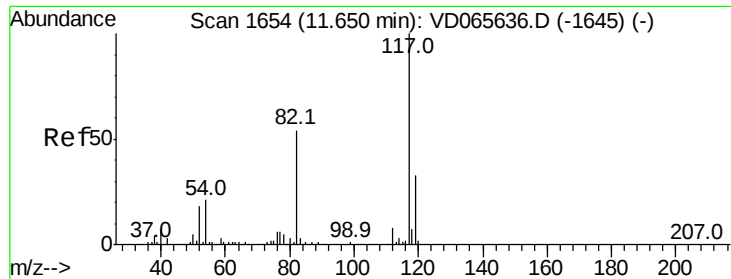
MMDadoda
4/20/2020 4:28:18 PM



#62
4-Bromofluorobenzene
Concen: 44.530 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD065643.D
Acq: 17 Apr 2020 14:32

Tgt Ion: 95 Resp: 120257
Ion Ratio Lower Upper
95 100
174 91.6 0.0 183.8
176 91.2 0.0 181.4





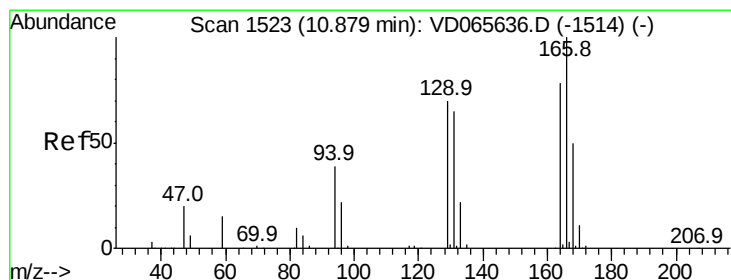
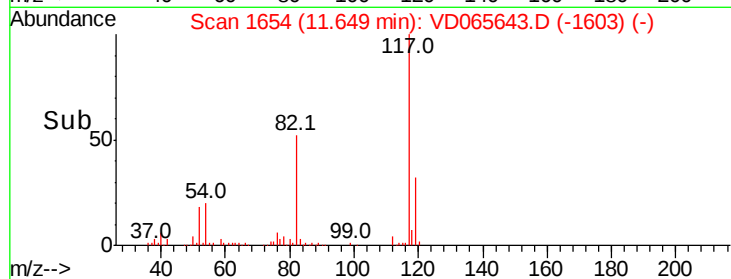
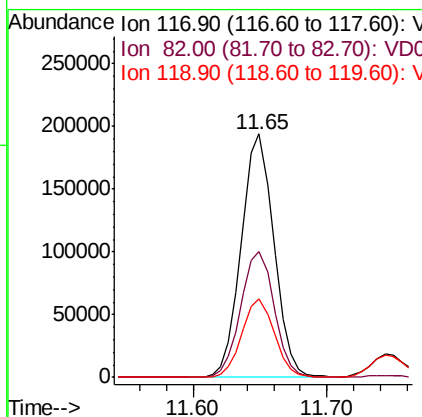
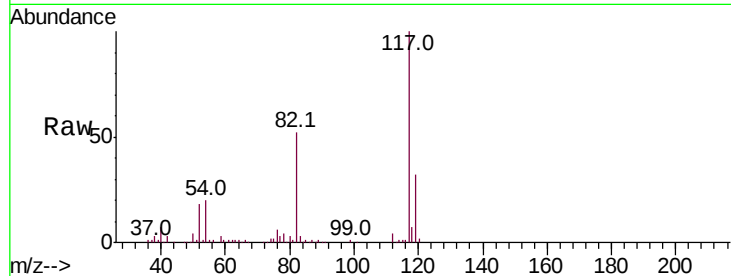
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065643.D
Acq: 17 Apr 2020 14:32

Instrument :
MSVOA_D
ClientSampleId :
VD0417SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	329113		
82	51.8		43.2	64.8
119	32.3		26.2	39.4

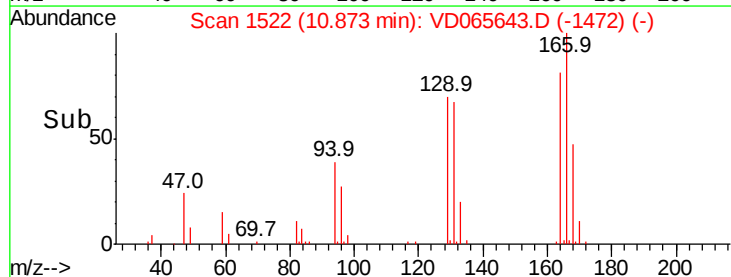
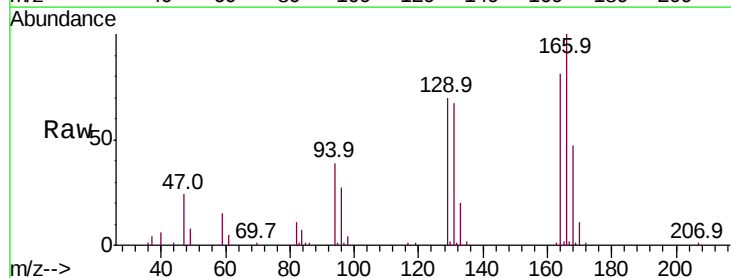
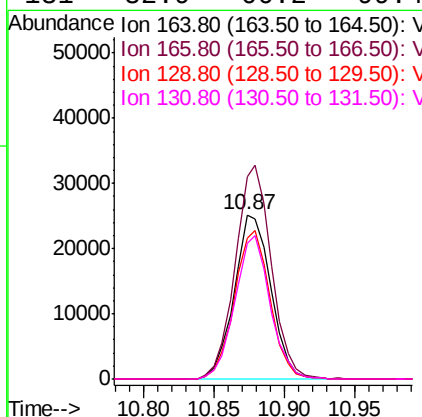
Manual Integrations
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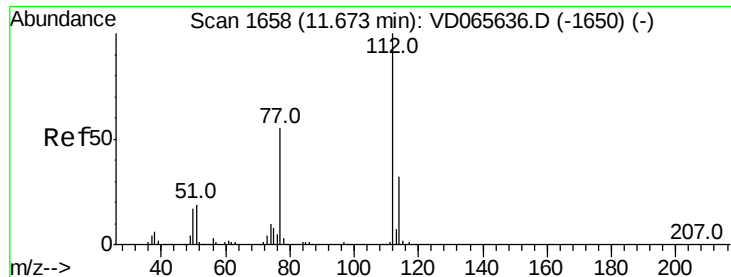
MMDadoda
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#64
Tetrachloroethene
Concen: 19.270 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.01 min
Lab File: VD065643.D
Acq: 17 Apr 2020 14:32

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	45506		
166	123.1		102.3	153.5
129	86.0		71.7	107.5
131	82.9		66.2	99.4





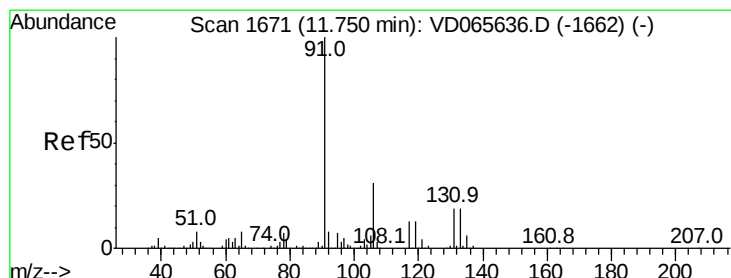
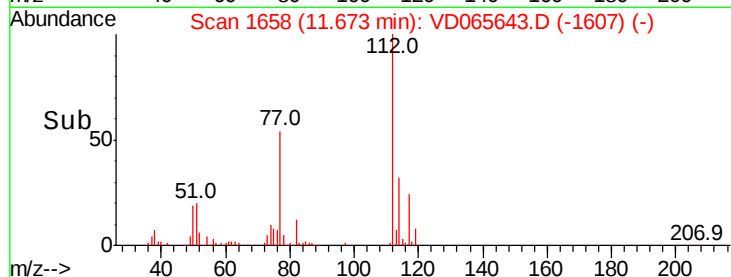
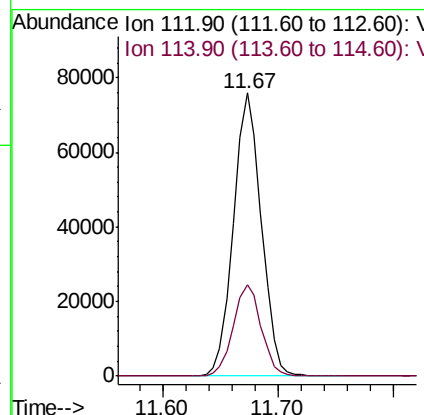
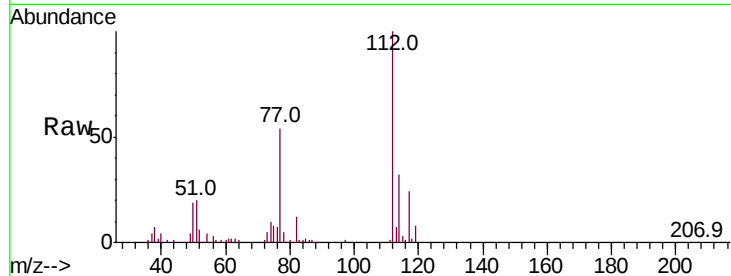
#65
Chlorobenzene
Concen: 19.472 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD065643.D
Acq: 17 Apr 2020 14:32

Instrument :
MSVOA_D
ClientSampleId :
VD0417SBS01

Tot Ion	Ratio	Resp	Lower	Upper
112	100	126881		
114	32.3	25.3	37.9	

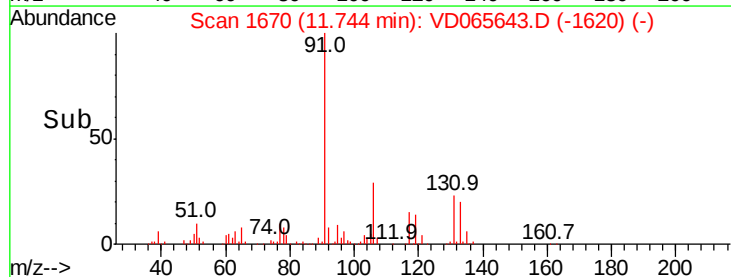
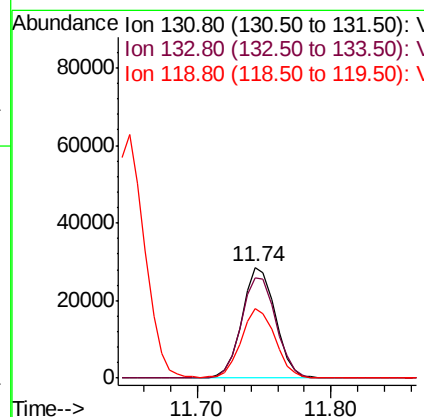
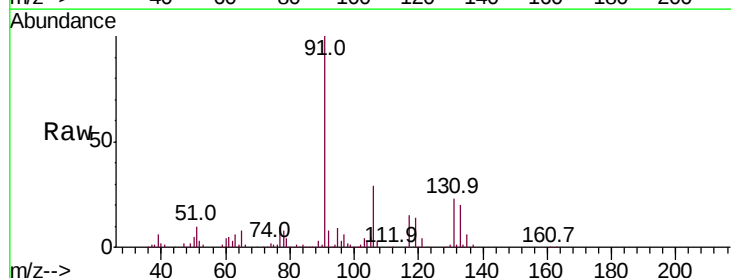
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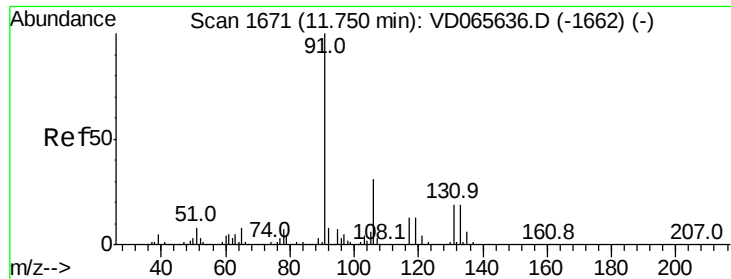
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.860 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.01 min
Lab File: VD065643.D
Acq: 17 Apr 2020 14:32

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	49478		
133	94.5	47.7	143.1	
119	64.2	32.6	97.7	





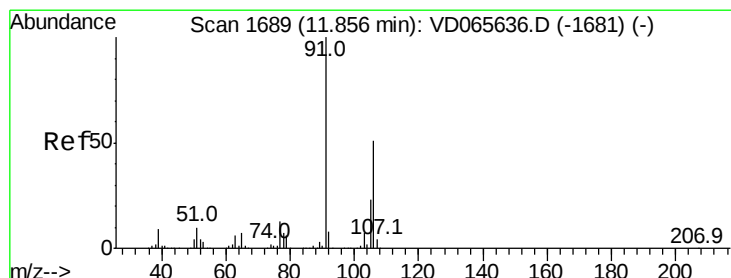
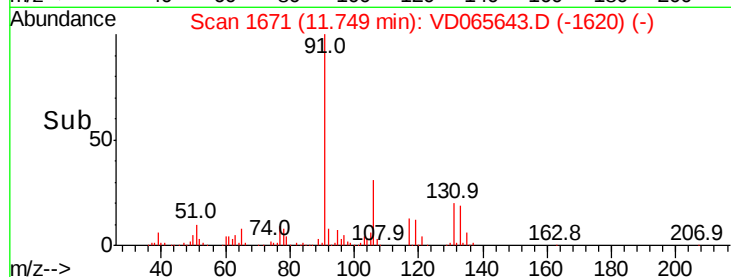
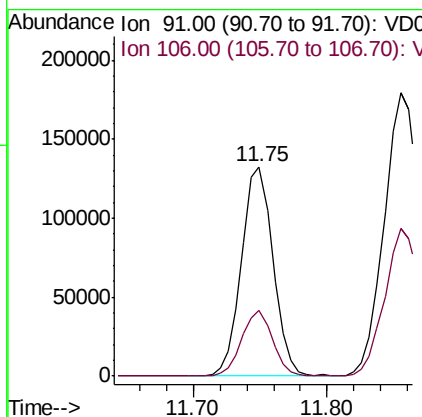
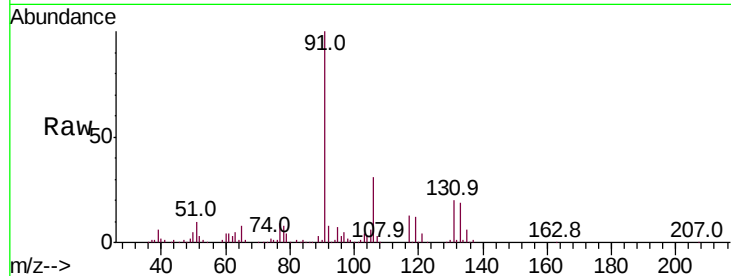
#67
Ethyl Benzene
Concen: 19.469 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD065643.D
Acq: 17 Apr 2020 14:32

Instrument :
MSVOA_D
ClientSampleId :
VD0417SBS01

Tot Ion: 91 Resp: 216813
Ion Ratio Lower Upper
91 100
106 31.2 25.1 37.7

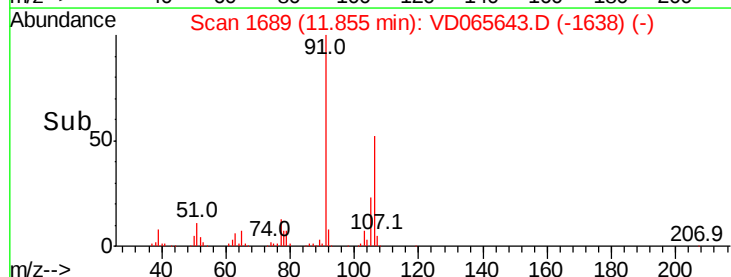
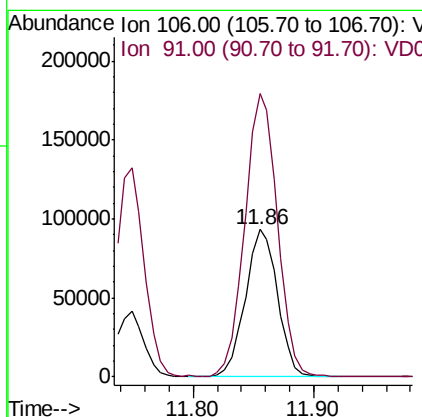
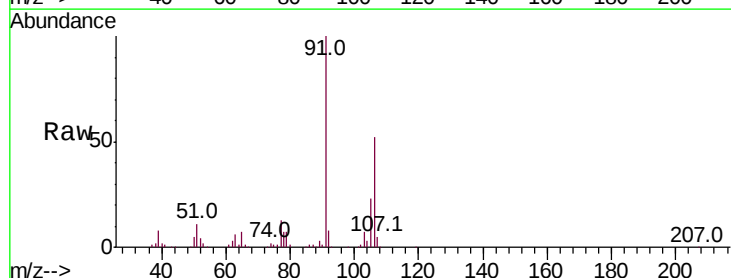
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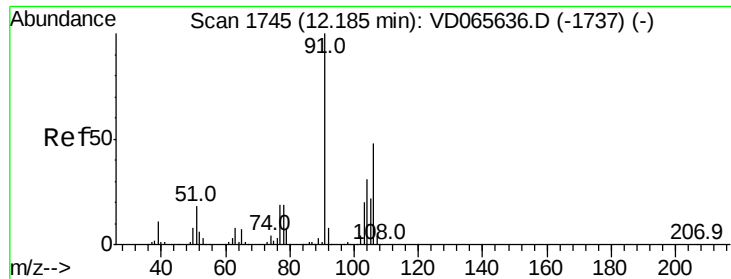
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#68
m/p-Xylenes
Concen: 40.325 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VD065643.D
Acq: 17 Apr 2020 14:32

Tgt Ion: 106 Resp: 173488
Ion Ratio Lower Upper
106 100
91 194.7 157.9 236.9





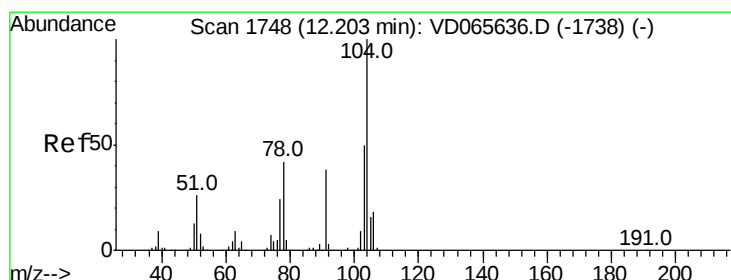
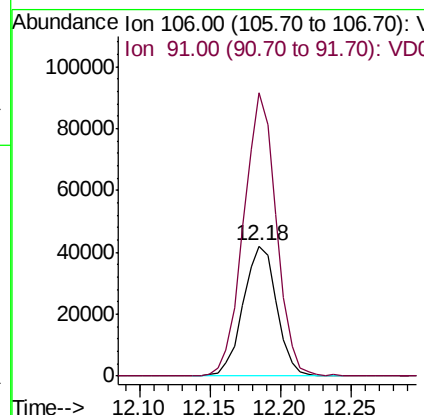
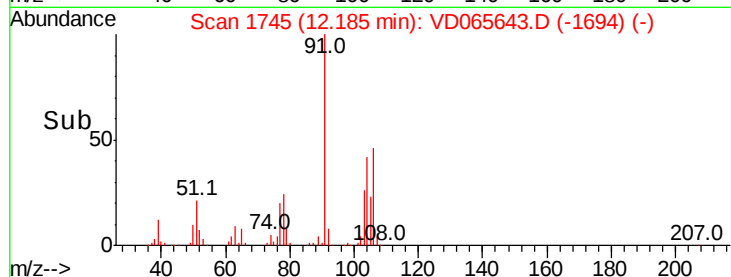
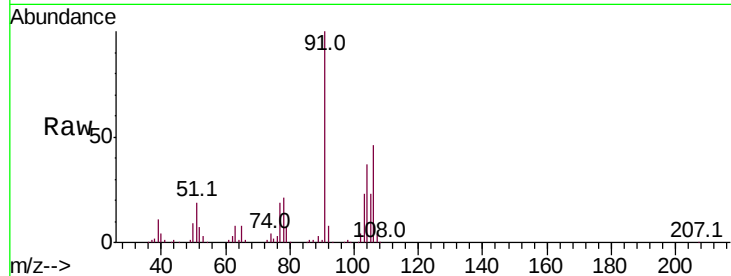
#69
o-Xylene
Concen: 18.466 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD065643.D
Acq: 17 Apr 2020 14:32

Instrument :
MSVOA_D
ClientSampleId :
VD0417SBS01

Tot Ion:106 Resp: 69708
Ion Ratio Lower Upper
106 100
91 212.7 103.6 310.9

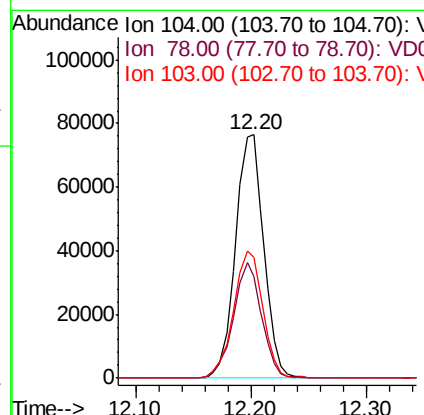
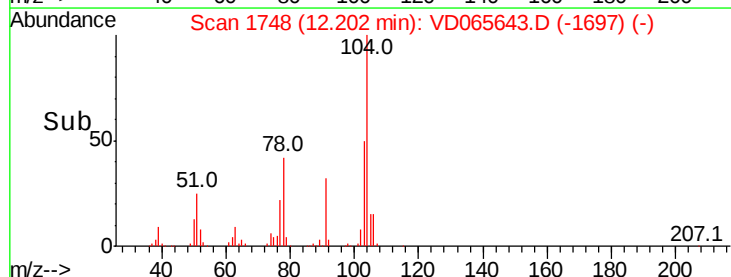
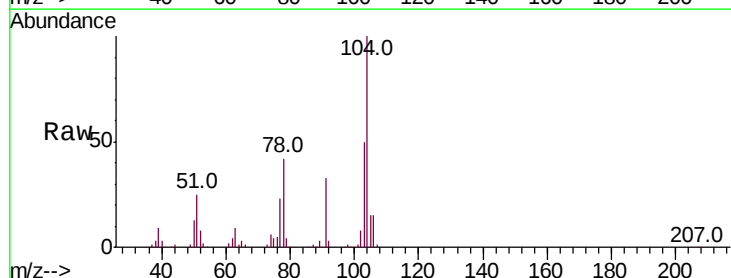
Manual Integrations
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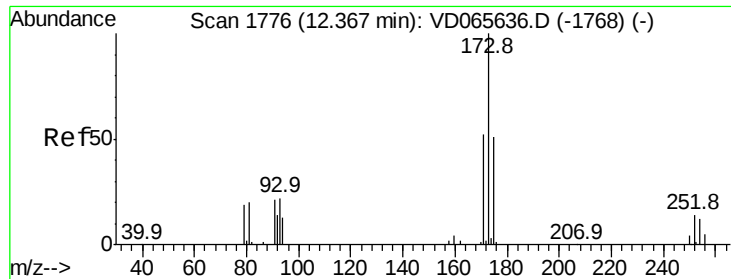
MMDadoda
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#70
Styrene
Concen: 19.428 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VD065643.D
Acq: 17 Apr 2020 14:32

Tgt Ion:104 Resp: 129813
Ion Ratio Lower Upper
104 100
78 47.4 37.5 56.3
103 54.3 43.4 65.0





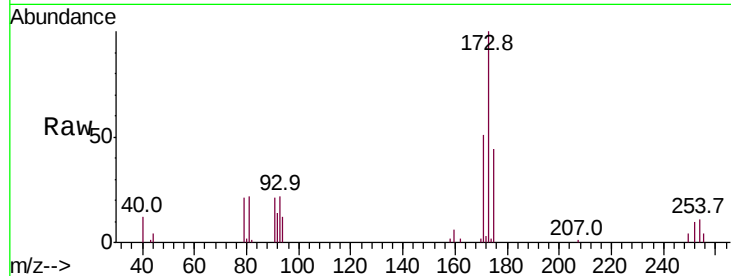
#71
Bromoform
Concen: 18.285 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. -0.01 min
Lab File: VD065643.D
Acq: 17 Apr 2020 14:32

Instrument :
MSVOA_D
ClientSampleId :
VD0417SBS01

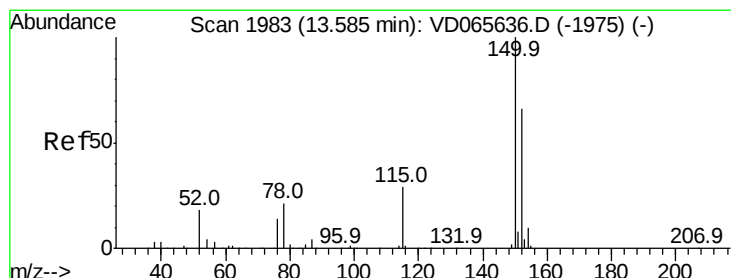
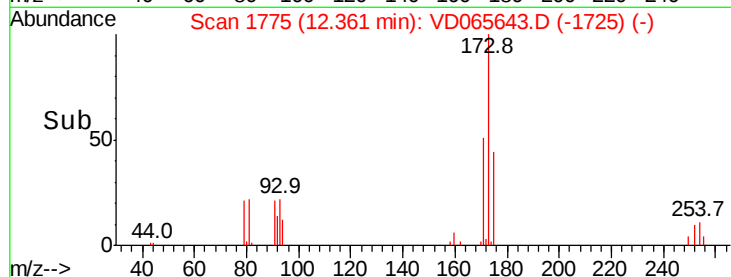
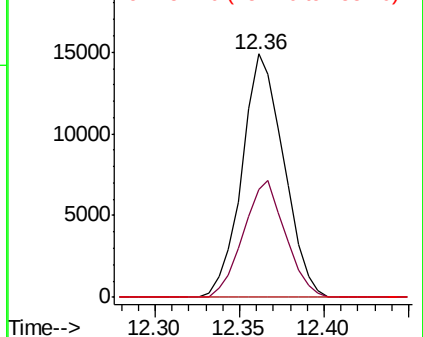
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.1	25.1	75.2
254	0.0	0.0	0.0

Manual Integrations
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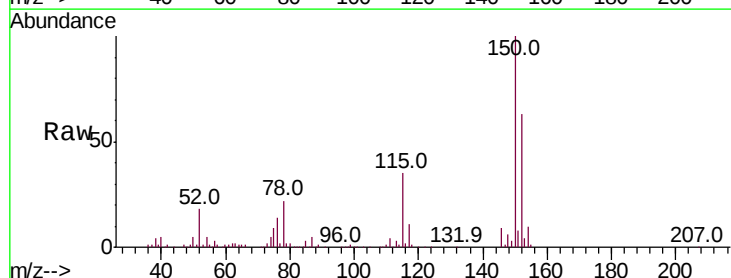


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

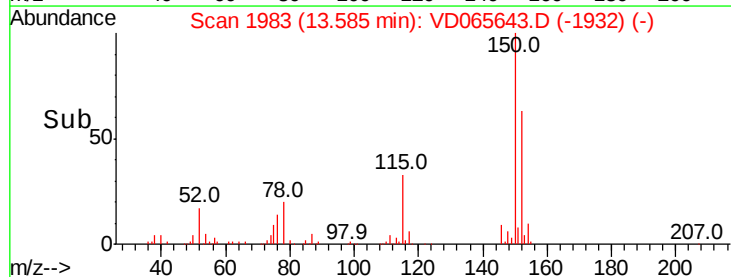
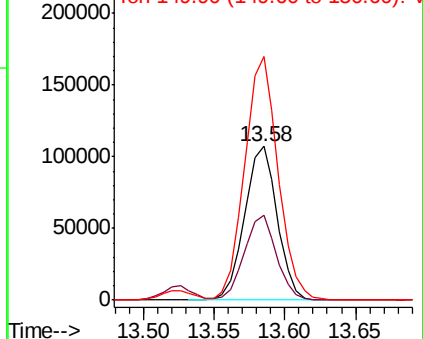


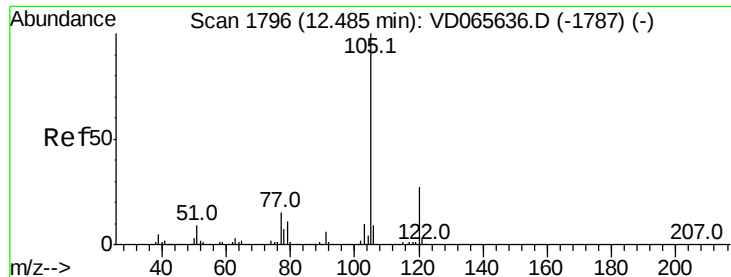
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065643.D
Acq: 17 Apr 2020 14:32

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.5	27.6	82.7
150	162.5	0.0	346.0



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





#73

Isopropylbenzene

Concen: 18.882 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD065643.D

Acq: 17 Apr 2020 14:32

Instrument :

MSVOA_D

ClientSampleId :

VD0417SBS01

Tot Ion:105 Resp: 197855

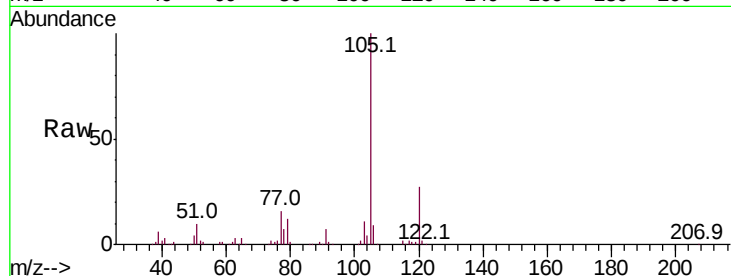
Ion Ratio Lower Upper

105 100

120 26.7 13.4 40.2

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

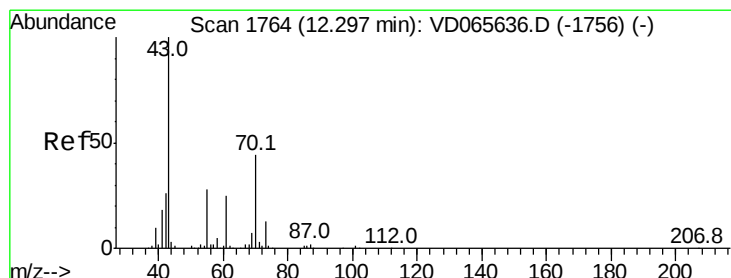
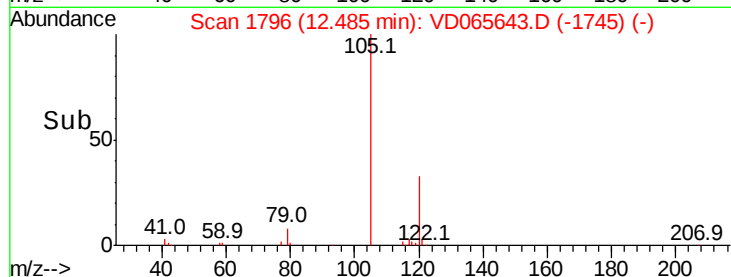
12.48

100000

50000

0

Time--> 12.40 12.45 12.50 12.55



#74

N-ethyl acetate

Concen: 17.907 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VD065643.D

Acq: 17 Apr 2020 14:32

Tgt Ion: 43 Resp: 39278

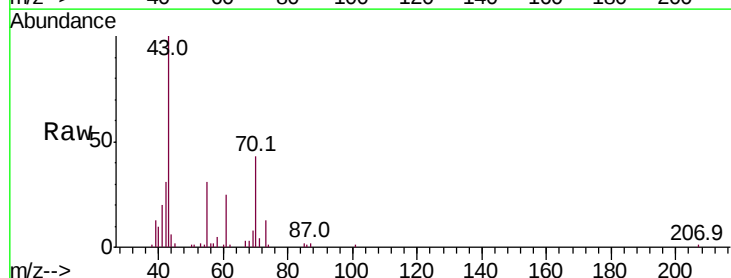
Ion Ratio Lower Upper

43 100

70 41.4 35.4 53.0

55 29.8 22.2 33.2

61 22.9 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

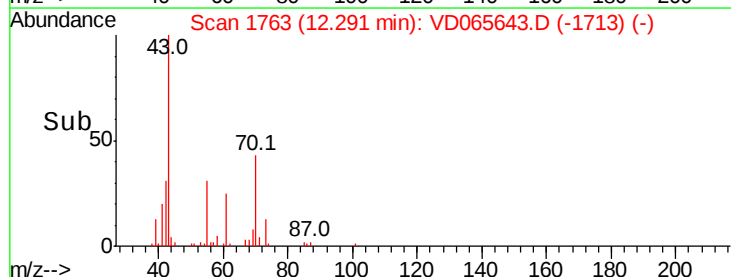
30000

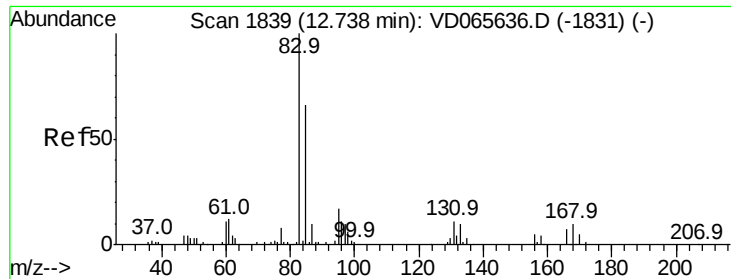
20000

10000

0

Time--> 12.25 12.30 12.35





#75

1,1,2,2-Tetrachloroethane

Concen: 19.716 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD065643.D

Acq: 17 Apr 2020 14:32

Instrument :

MSVOA_D

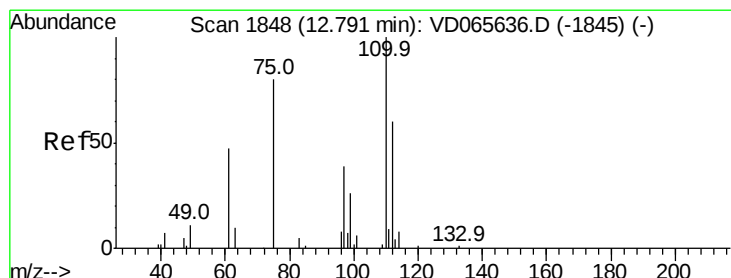
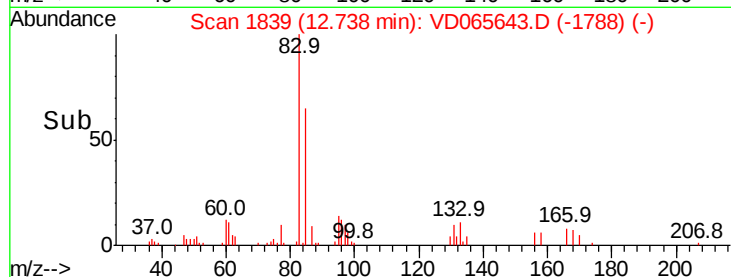
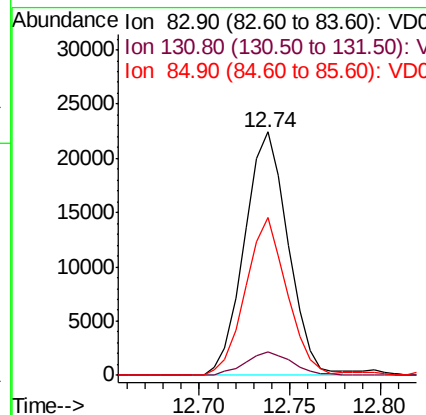
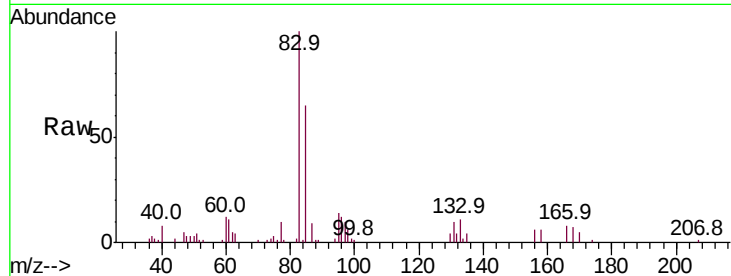
ClientSampleId :

VD0417SBS01

Tot Ion:	83	Resp:	37512
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.7	17.0
85	61.6	32.5	97.4

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#76

1,2,3-Trichloropropane

Concen: 20.341 ug/l m

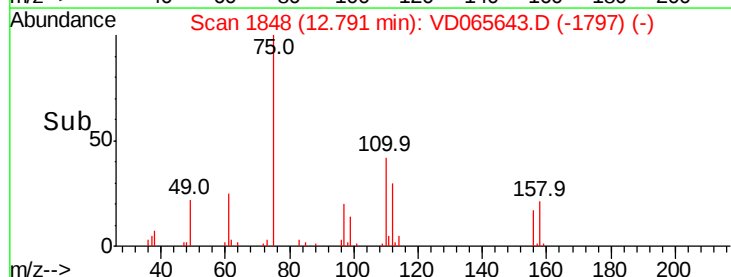
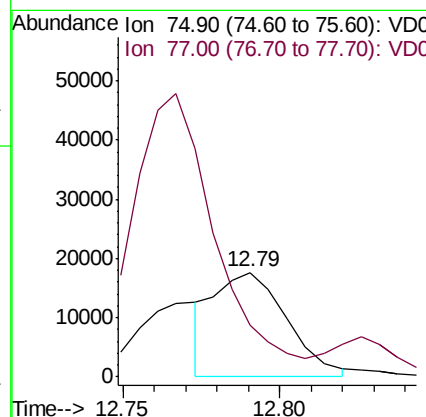
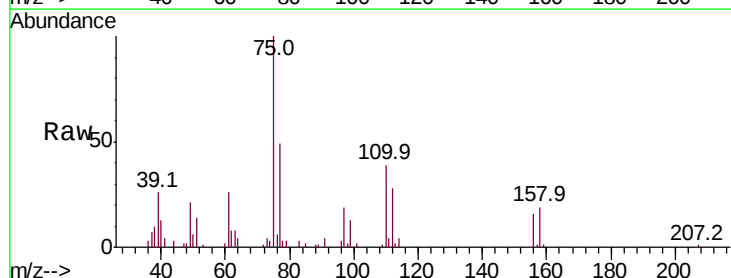
RT: 12.79 min Scan# 1848

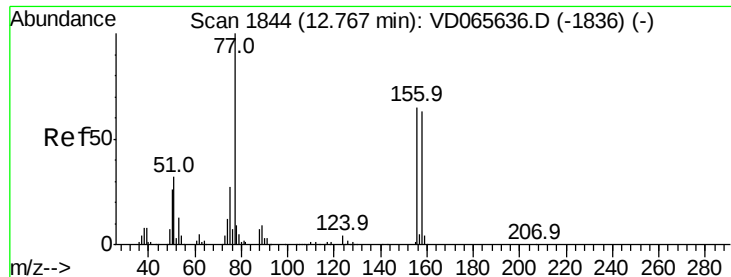
Delta R.T. -0.00 min

Lab File: VD065643.D

Acq: 17 Apr 2020 14:32

Tgt Ion:	75	Resp:	28415
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.438 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD065643.D

Acq: 17 Apr 2020 14:32

Instrument :

MSVOA_D

ClientSampleId :

VD0417SBS01

Tot Ion:156 Resp: 54090

Ion Ratio Lower Upper

156 100

77 165.8 84.7 254.1

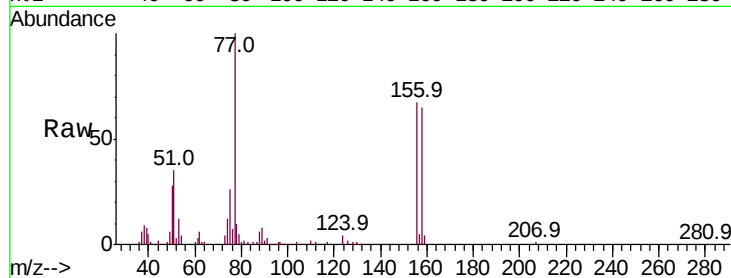
158 96.3 48.5 145.5

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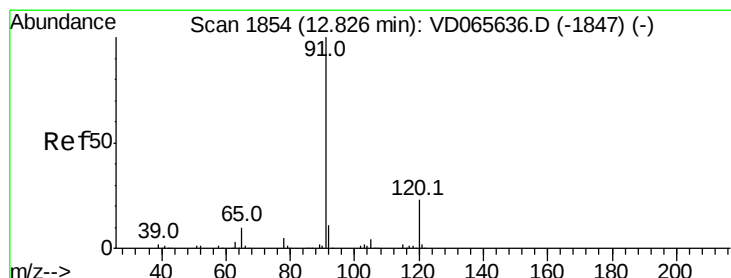
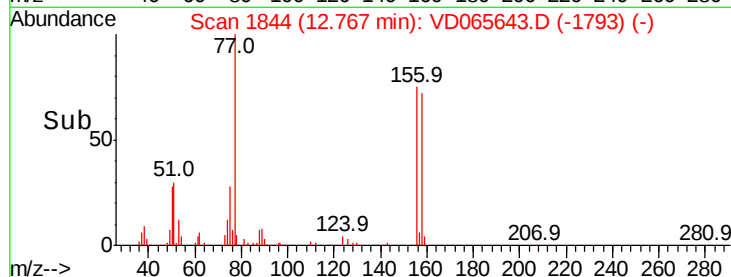
Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V

12.77

Time-->



#78

n-propylbenzene

Concen: 19.753 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD065643.D

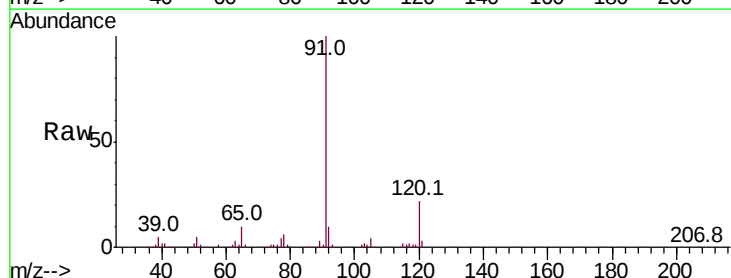
Acq: 17 Apr 2020 14:32

Tgt Ion: 91 Resp: 250393

Ion Ratio Lower Upper

91 100

120 23.5 11.7 35.1

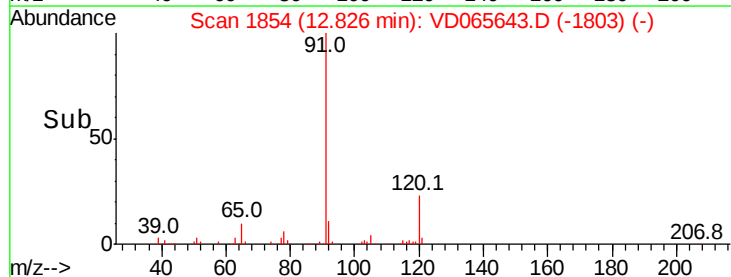


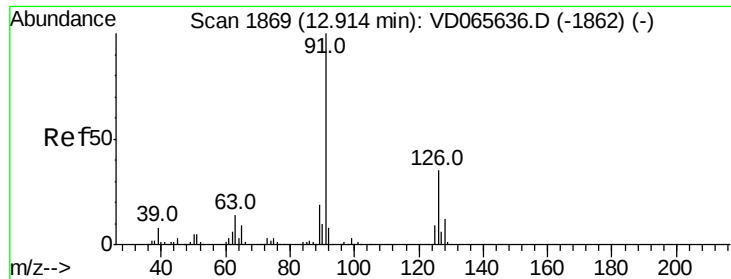
Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

12.83

Time-->





#79

2-Chlorotoluene

Concen: 19.494 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. -0.00 min

Lab File: VD065643.D

Acq: 17 Apr 2020 14:32

Instrument :

MSVOA_D

ClientSampleId :

VD0417SBS01

Tot Ion: 91 Resp: 140334

Ion Ratio Lower Upper

91 100

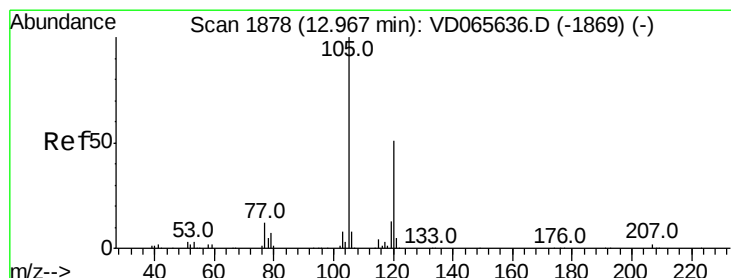
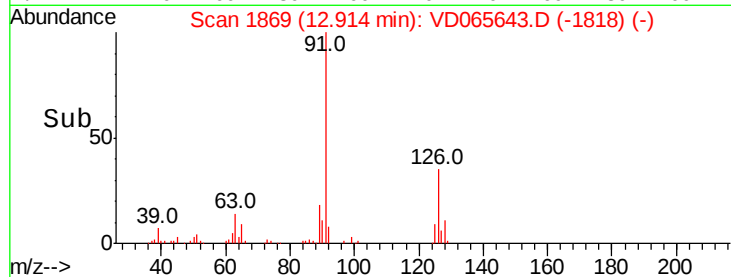
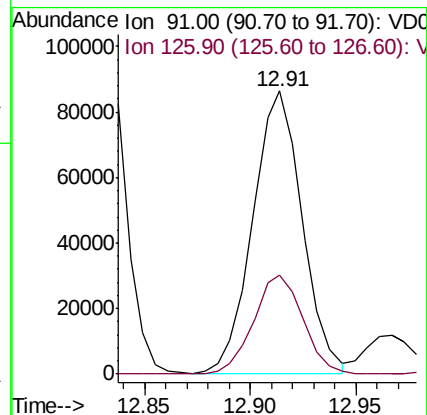
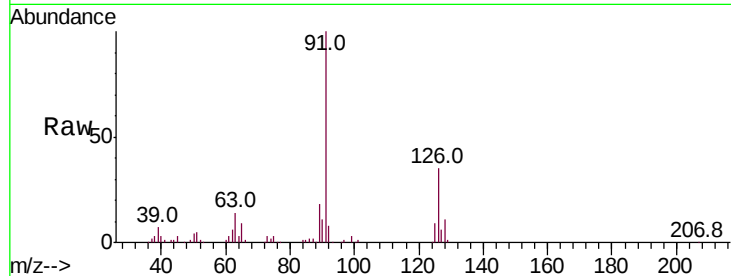
126 35.0 17.8 53.3

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 19.451 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. -0.00 min

Lab File: VD065643.D

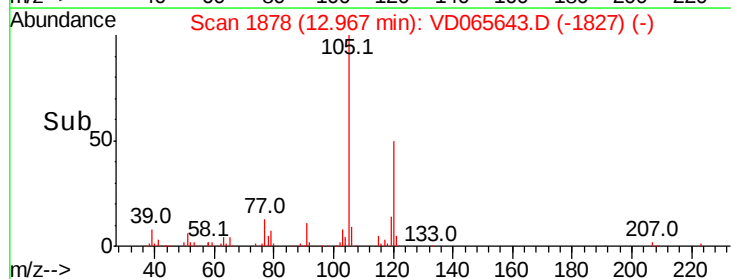
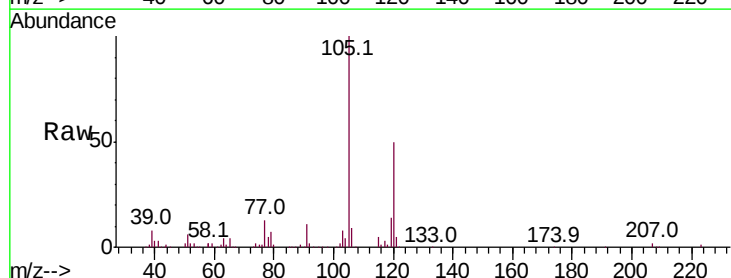
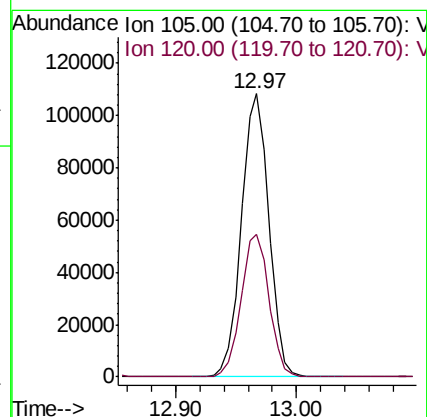
Acq: 17 Apr 2020 14:32

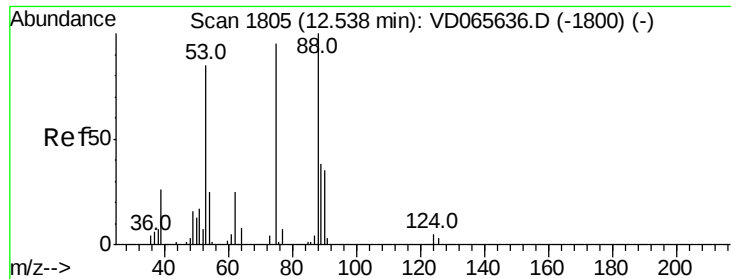
Tgt Ion:105 Resp: 172001

Ion Ratio Lower Upper

105 100

120 51.0 25.2 75.6





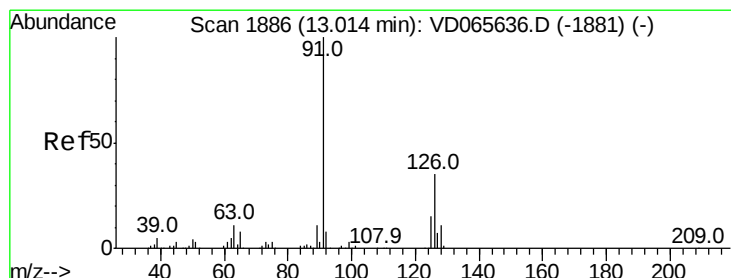
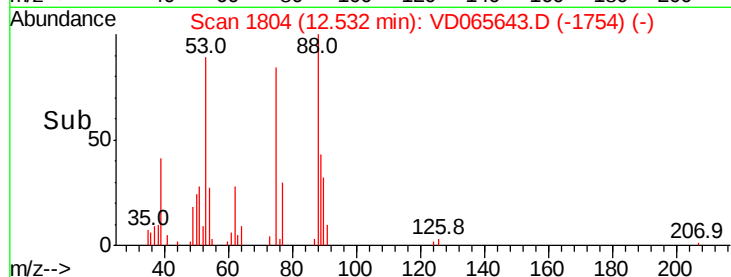
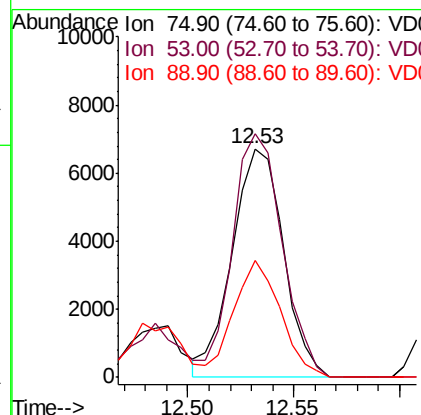
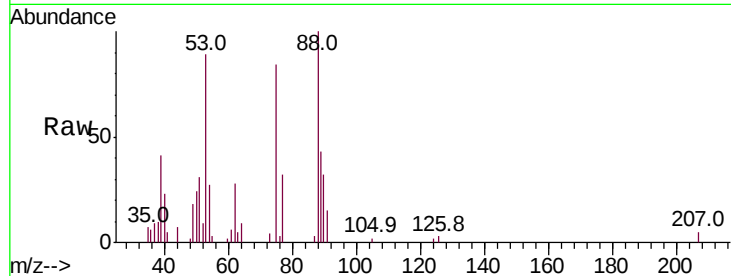
#81
trans-1,4-Dichloro-2-butene
Concen: 17.748 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. -0.01 min
Lab File: VD065643.D
Acq: 17 Apr 2020 14:32

Instrument :
MSVOA_D
ClientSampleId :
VD0417SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	103.9	76.8	115.2
89	46.4	36.1	54.1

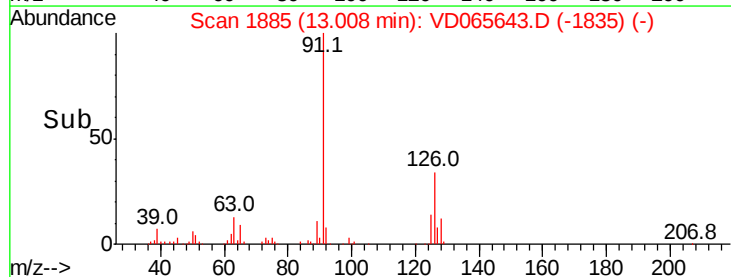
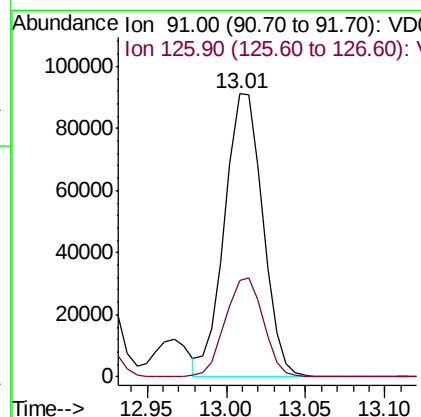
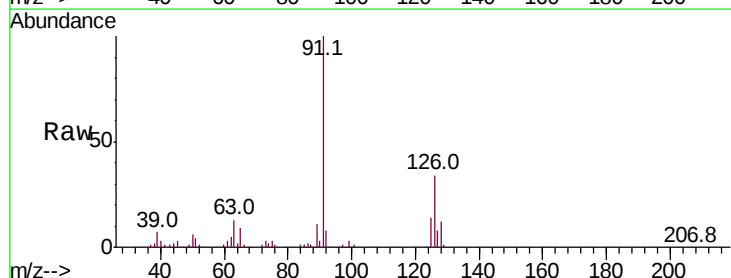
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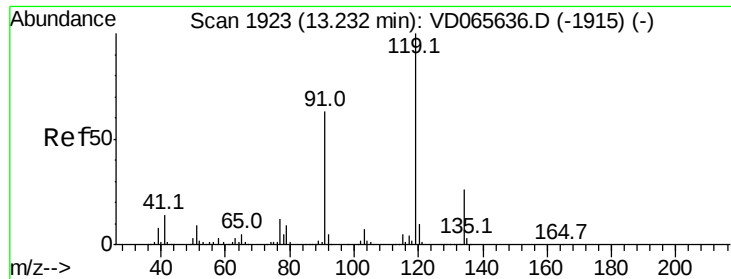
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#82
4-Chlorotoluene
Concen: 19.756 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VD065643.D
Acq: 17 Apr 2020 14:32

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.8	17.5	52.6





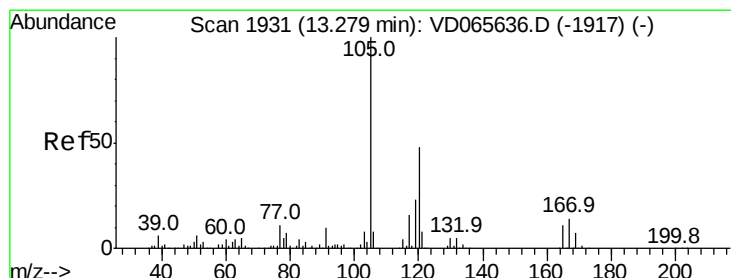
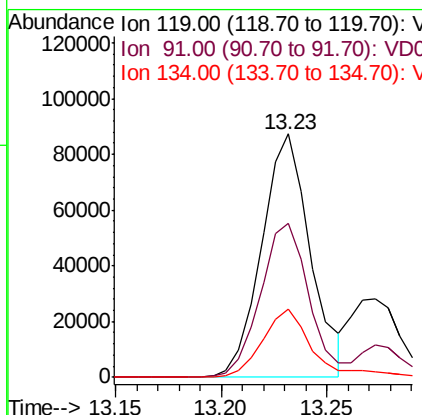
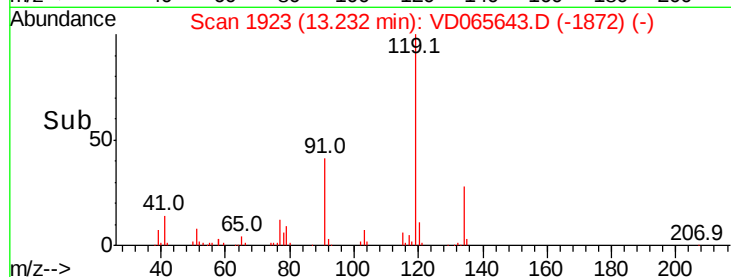
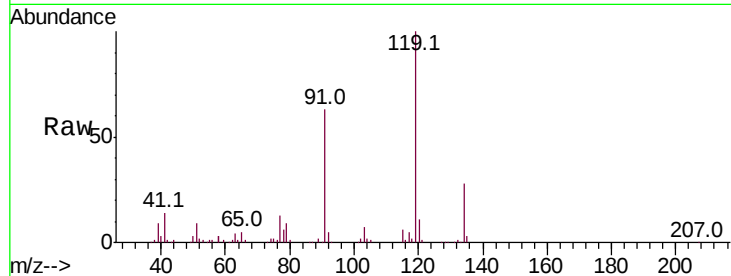
#83
tert-Butylbenzene
Concen: 18.912 ug/l
RT: 13.23 min Scan# 1923
Delta R.T. -0.00 min
Lab File: VD065643.D
Acq: 17 Apr 2020 14:32

Instrument :
MSVOA_D
ClientSampleId :
VD0417SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	140222		
91	62.6	31.7	95.1	
134	28.8	14.0	41.9	

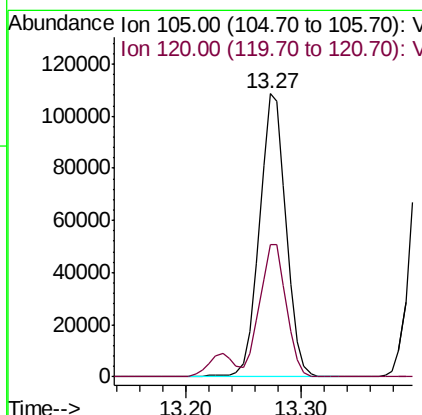
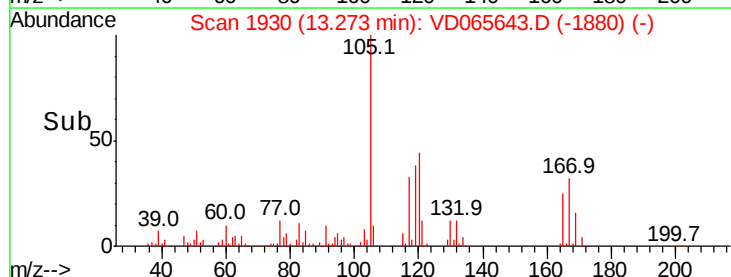
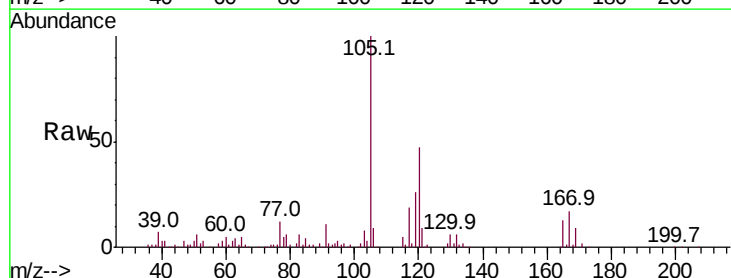
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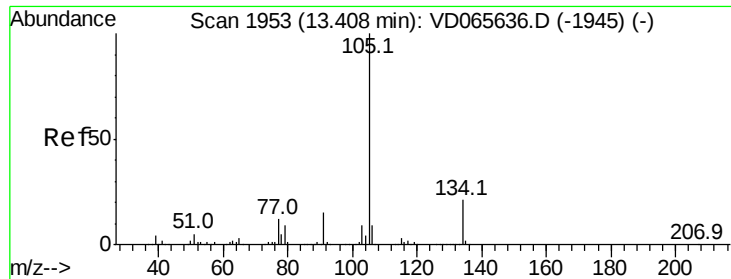
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#84
1,2,4-Trimethylbenzene
Concen: 19.783 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.01 min
Lab File: VD065643.D
Acq: 17 Apr 2020 14:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	174406		
120	46.7	23.5	70.6	





#85

sec-Butylbenzene

Concen: 19.283 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. -0.00 min

Lab File: VD065643.D

Acq: 17 Apr 2020 14:32

Instrument :

MSVOA_D

ClientSampleId :

VD0417SBS01

Tot Ion:105 Resp: 204544

Ion Ratio Lower Upper

105 100

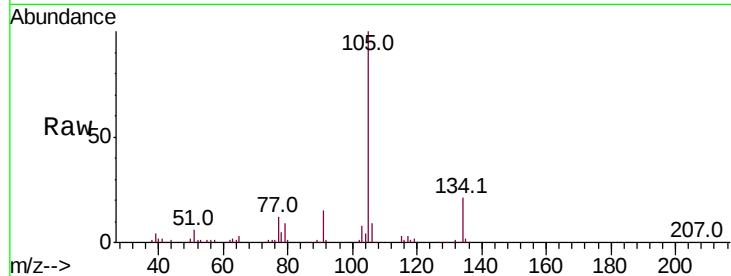
134 20.6 10.4 31.4

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

150000

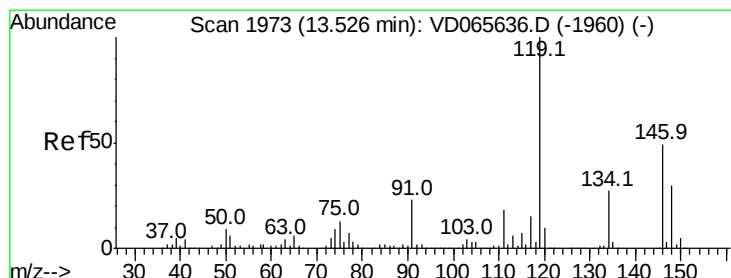
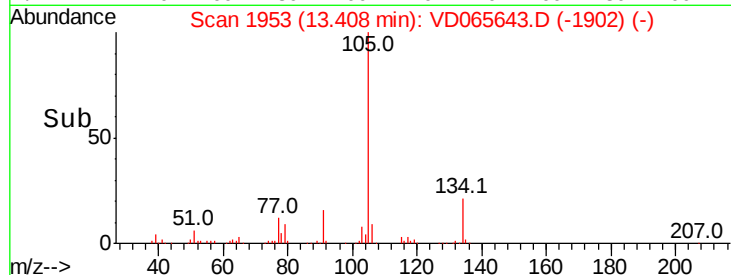
100000

50000

0

13.35 13.40 13.45

Time-->



#86

p-Isopropyltoluene

Concen: 18.988 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. -0.00 min

Lab File: VD065643.D

Acq: 17 Apr 2020 14:32

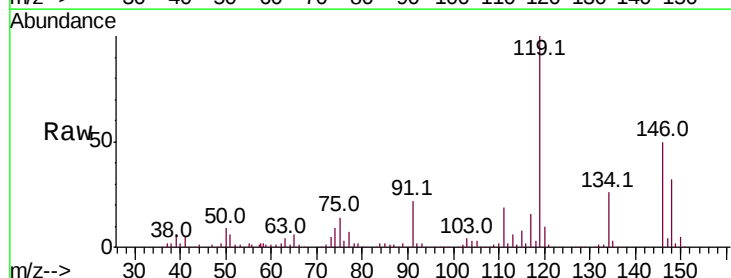
Tgt Ion:119 Resp: 189032

Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.1

91 22.1 11.1 33.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

150000

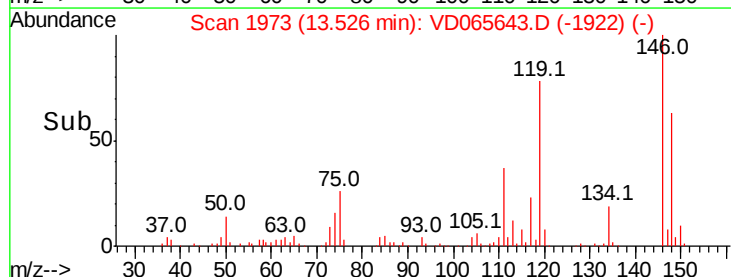
100000

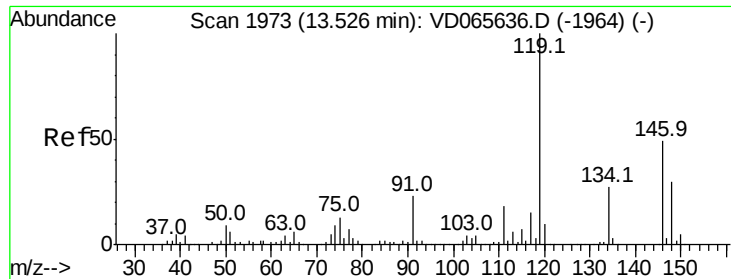
50000

0

13.45 13.50 13.55 13.60

Time-->





#87

1,3-Dichlorobenzene

Concen: 19.108 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. -0.00 min

Lab File: VD065643.D

Acq: 17 Apr 2020 14:32

Instrument :

MSVOA_D

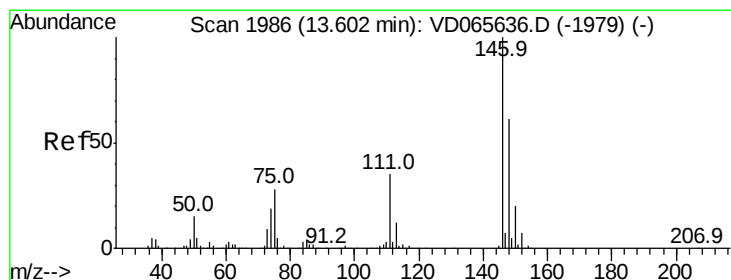
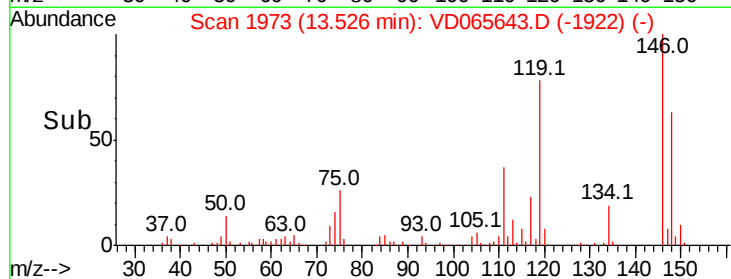
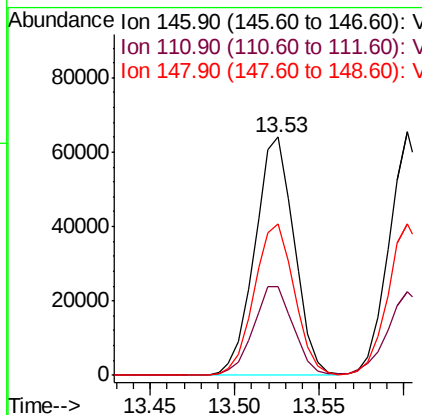
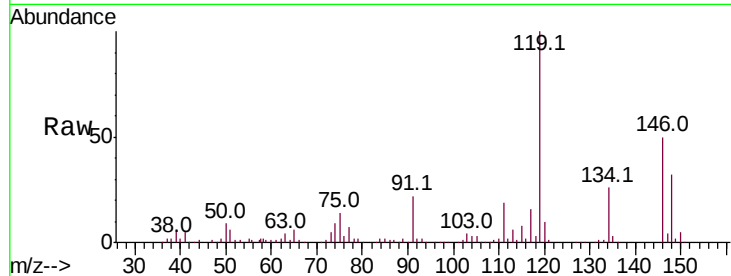
ClientSampleId :

VD0417SBS01

Tot Ion:	146	Resp:	104105
Ion Ratio	Lower	Upper	
146	100		
111	37.8	18.6	55.6
148	64.6	31.6	94.8

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#88

1,4-Dichlorobenzene

Concen: 19.151 ug/l

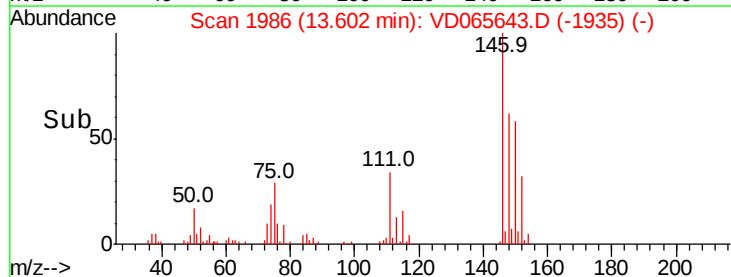
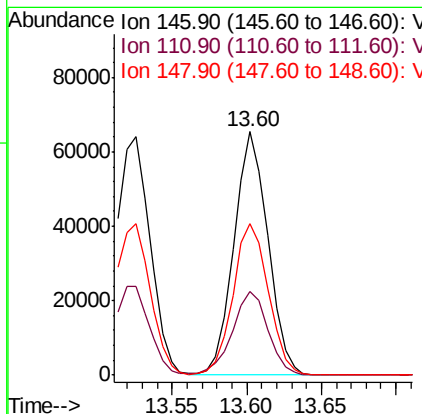
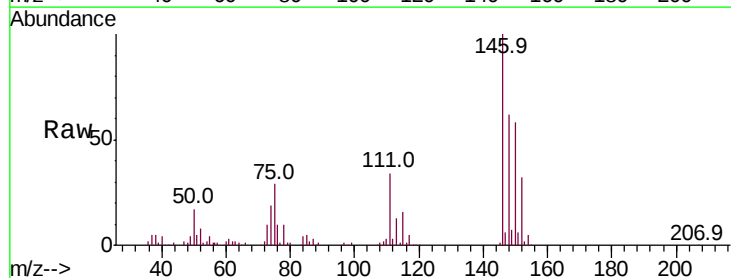
RT: 13.60 min Scan# 1986

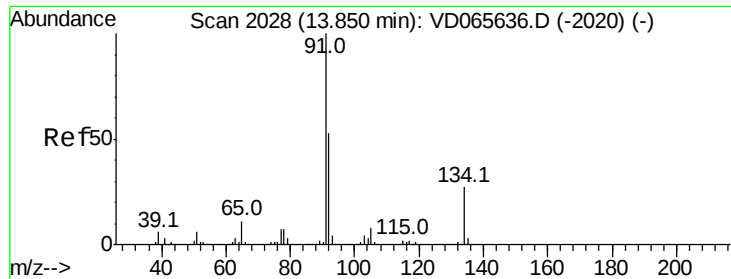
Delta R.T. -0.00 min

Lab File: VD065643.D

Acq: 17 Apr 2020 14:32

Tgt Ion:	146	Resp:	103853
Ion Ratio	Lower	Upper	
146	100		
111	36.0	18.0	54.0
148	64.4	31.4	94.2





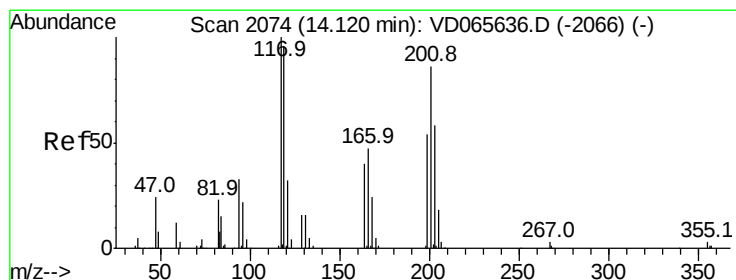
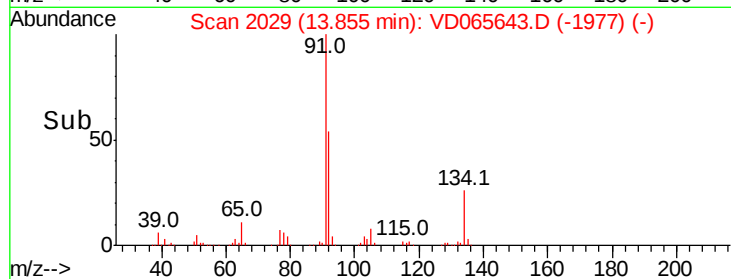
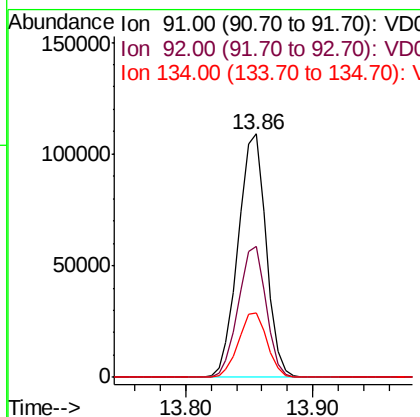
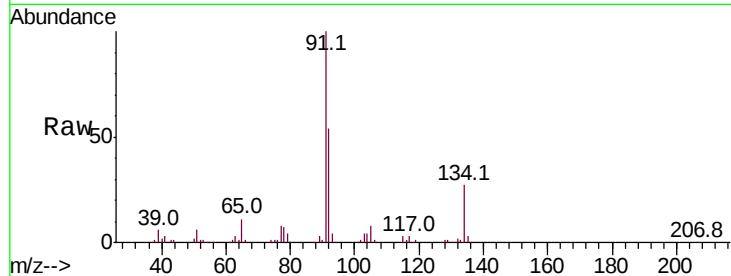
#89
n-Butylbenzene
Concen: 18.426 ug/l
RT: 13.86 min Scan# 2029
Delta R.T. 0.01 min
Lab File: VD065643.D
Acq: 17 Apr 2020 14:32

Instrument :
MSVOA_D
ClientSampleId :
VD0417SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	166480		
92	53.4	26.9	80.6	
134	27.1	13.6	40.8	

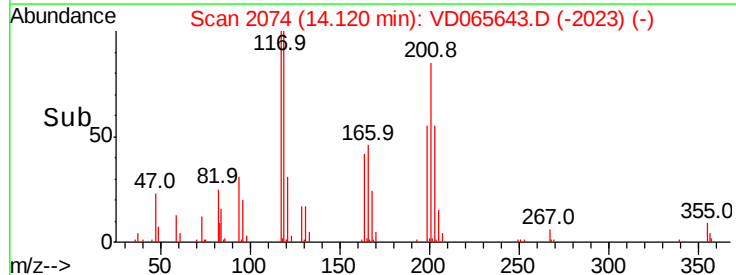
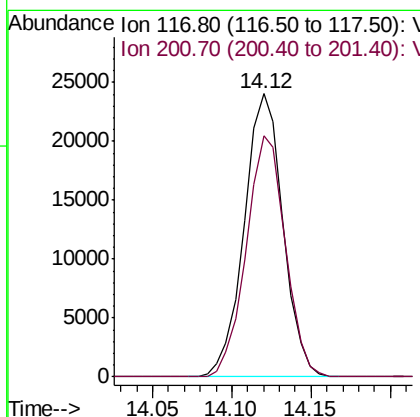
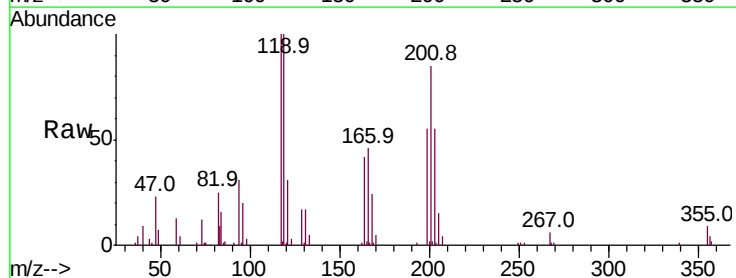
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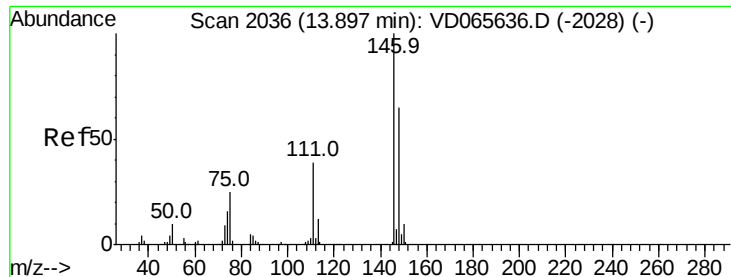
MMDadoda
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#90
Hexachloroethane
Concen: 19.591 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. -0.00 min
Lab File: VD065643.D
Acq: 17 Apr 2020 14:32

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	40902		
201	85.6	44.9	134.7	





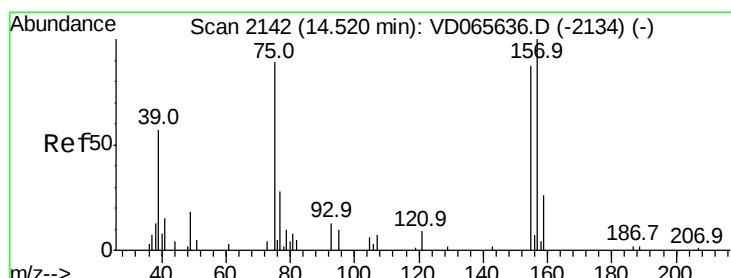
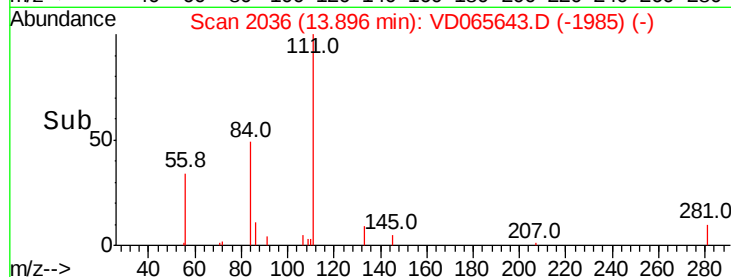
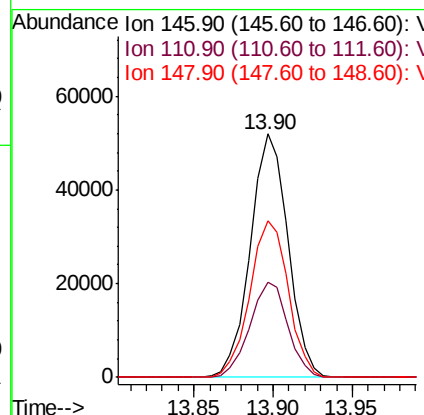
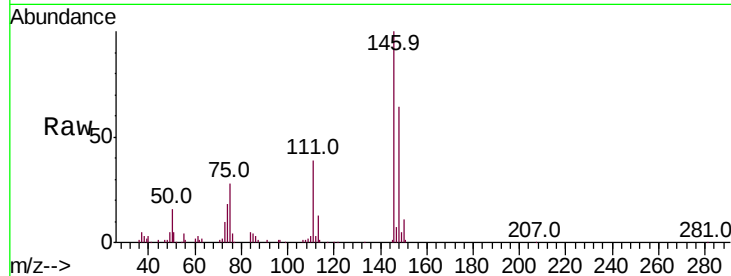
#91
 1,2-Dichlorobenzene
 Concen: 18.346 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VD065643.D
 Acq: 17 Apr 2020 14:32

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0417SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.3	57.9
148	65.7	32.0	96.0

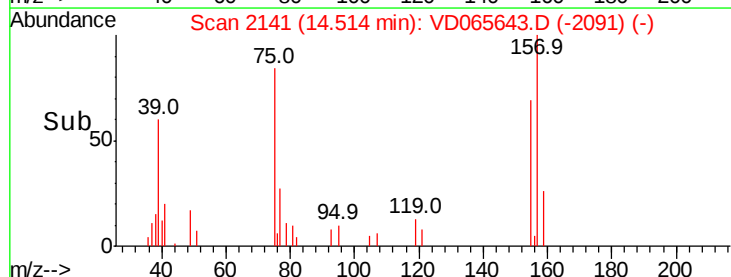
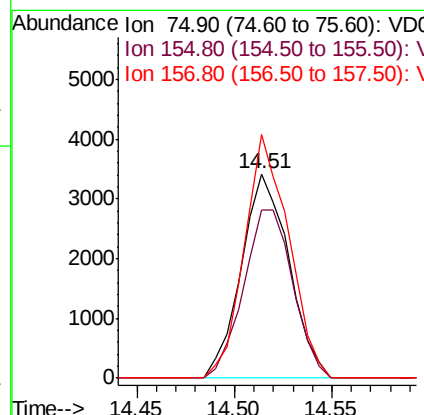
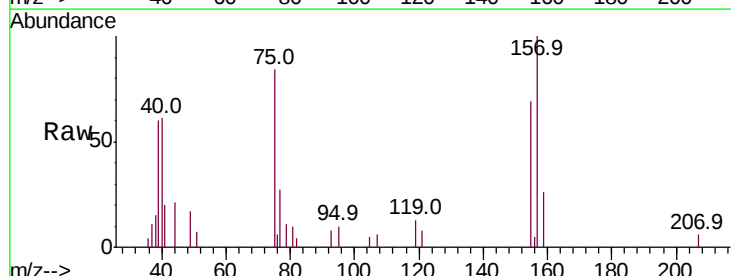
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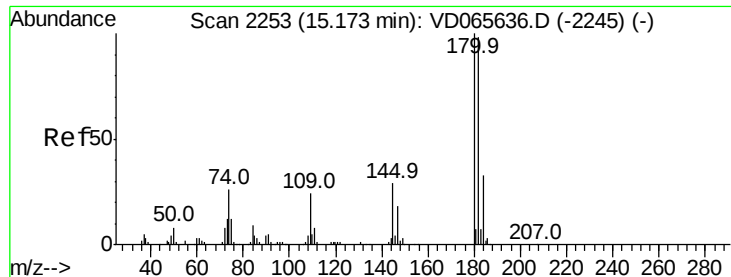
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.084 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. -0.01 min
 Lab File: VD065643.D
 Acq: 17 Apr 2020 14:32

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.0	48.0	144.2
157	110.7	59.2	177.6





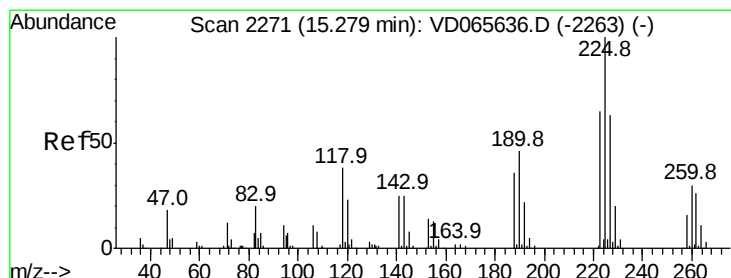
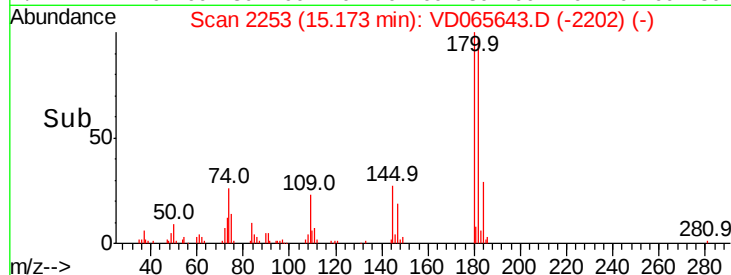
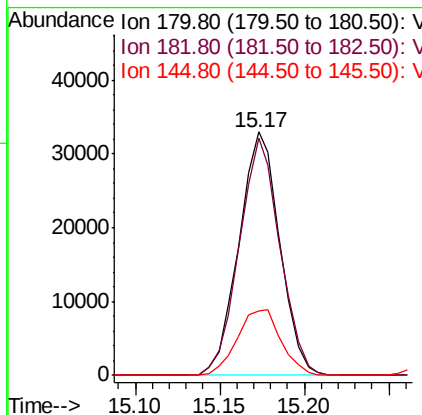
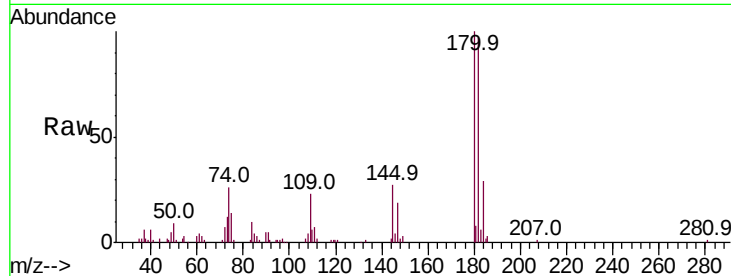
#93
1,2,4-Trichlorobenzene
Concen: 17.224 ug/l
RT: 15.17 min Scan# 2253
Delta R.T. -0.00 min
Lab File: VD065643.D
Acq: 17 Apr 2020 14:32

Instrument :
MSVOA_D
ClientSampleId :
VD0417SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.7	48.9	146.6
145	29.0	13.8	41.3

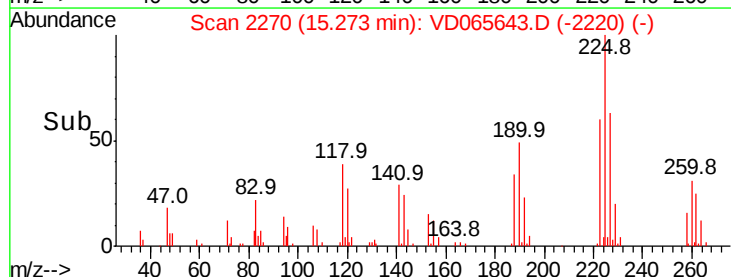
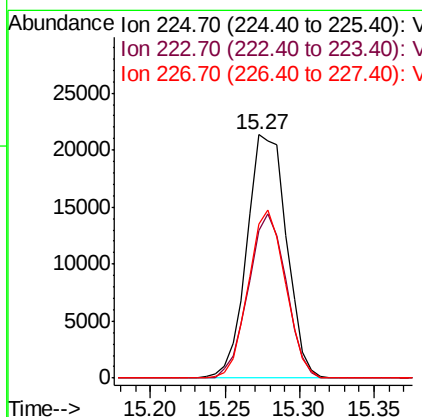
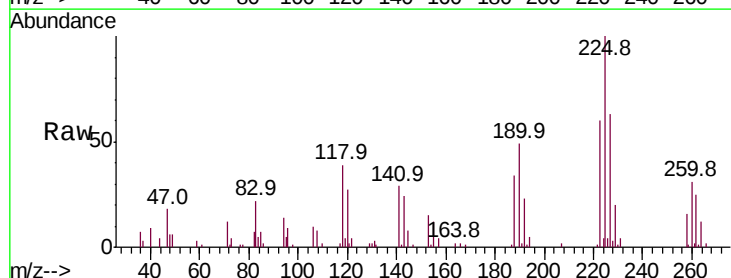
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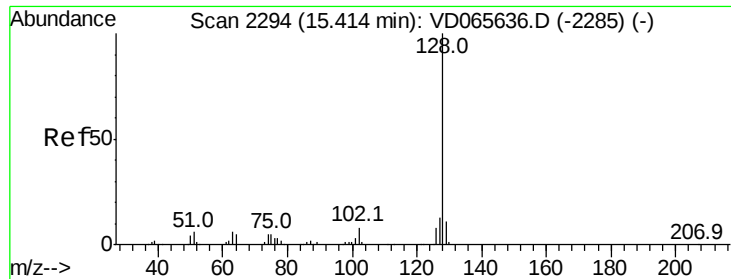
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#94
Hexachlorobutadiene
Concen: 17.775 ug/l
RT: 15.27 min Scan# 2270
Delta R.T. -0.01 min
Lab File: VD065643.D
Acq: 17 Apr 2020 14:32

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	31.9	95.5
227	64.5	32.0	96.2





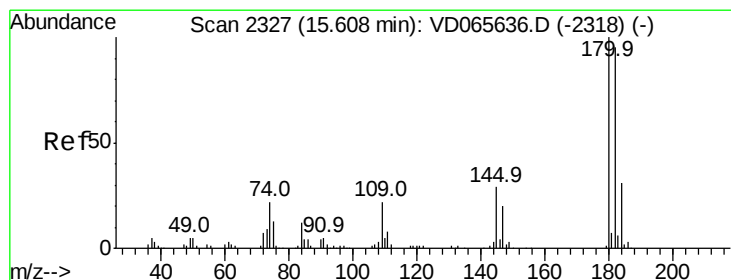
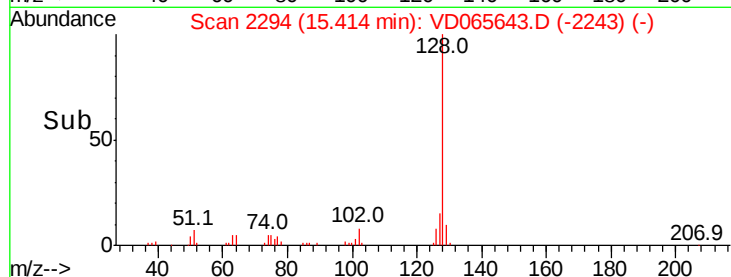
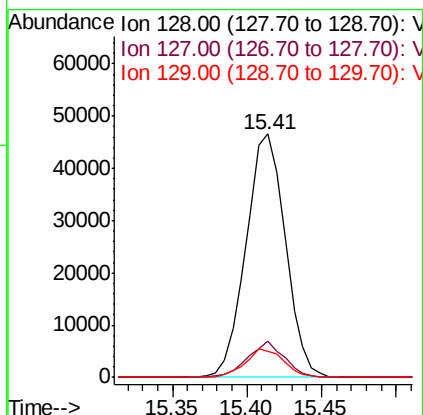
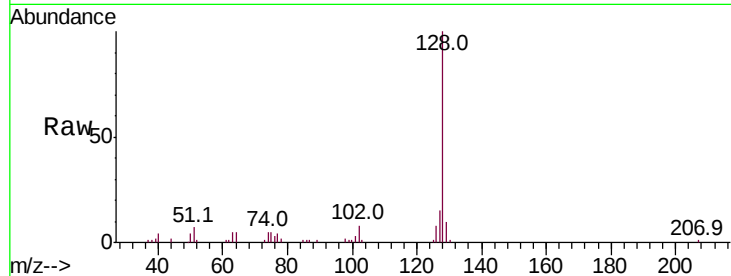
#95
Naphthalene
Concen: 18.234 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. -0.00 min
Lab File: VD065643.D
Acq: 17 Apr 2020 14:32

Instrument :
MSVOA_D
ClientSampleId :
VD0417SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.6	16.0
129	11.3	8.8	13.2

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 18.707 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. -0.00 min
Lab File: VD065643.D
Acq: 17 Apr 2020 14:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	47.8	143.3
145	28.9	15.0	45.0

