

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122419\
 Data File : VD064582.D
 Acq On : 24 Dec 2019 10:51
 Operator : VA/SY
 Sample : VSTDIC010
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

apatel
 12/26/2019 11:13:46 AM

Quant Time: Dec 24 13:07:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 12:06:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	430345	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	630837	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	554381	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	269886	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	37916	9.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.42%	
35) Dibromofluoromethane	7.92	113	39297	9.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.72%	
50) Toluene-d8	10.34	98	147096	9.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.52%	
62) 4-Bromofluorobenzene	12.64	95	47091	9.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	36659	9.541	ug/l	97
3) Chloromethane	2.21	50	52431	10.674	ug/l	94
4) Vinyl Chloride	2.35	62	61836	10.899	ug/l	95
5) Bromomethane	2.77	94	43765	10.413	ug/l	100
6) Chloroethane	2.92	64	41424	10.833	ug/l	92
7) Trichlorofluoromethane	3.27	101	105589	11.127	ug/l	97
8) Diethyl Ether	3.70	74	20941	10.713	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.08	101	43244	10.653	ug/l	98
10) Methyl Iodide	4.30	142	37726	8.853	ug/l	96
11) Tert butyl alcohol	5.25	59	11784m	48.158	ug/l	
12) 1,1-Dichloroethene	4.06	96	41554	10.723	ug/l	99
13) Acrolein	3.93	56	16049	47.587	ug/l	95
14) Allyl chloride	4.71	41	63437	10.512	ug/l	99
15) Acrylonitrile	5.43	53	42737	50.132	ug/l	98
16) Acetone	4.17	43	40994	52.608	ug/l	98
17) Carbon Disulfide	4.40	76	134045	10.946	ug/l	99
18) Methyl Acetate	4.72	43	23758	10.419	ug/l	95
19) Methyl tert-butyl Ether	5.48	73	86944	9.839	ug/l	98
20) Methylene Chloride	4.97	84	51292	11.375	ug/l	93
21) trans-1,2-Dichloroethene	5.47	96	45526	10.412	ug/l	98
22) Diisopropyl ether	6.36	45	123146	10.309	ug/l	92
23) Vinyl Acetate	6.31	43	335050	47.781	ug/l	99
24) 1,1-Dichloroethane	6.27	63	74694	10.425	ug/l	97
25) 2-Butanone	7.23	43	55571	50.338	ug/l	97
26) 2,2-Dichloropropane	7.21	77	69952	11.089	ug/l	98
27) cis-1,2-Dichloroethene	7.22	96	47680	9.996	ug/l	96
28) Bromochloromethane	7.55	49	26592	10.560	ug/l	93
29) Tetrahydrofuran	7.57	42	33539	47.617	ug/l	97
30) Chloroform	7.71	83	79310	10.674	ug/l	99
31) Cyclohexane	7.98	56	78203	11.070	ug/l #	84
32) 1,1,1-Trichloroethane	7.90	97	74410	10.762	ug/l	99
36) 1,1-Dichloropropene	8.11	75	62548	10.407	ug/l	96
37) Ethyl Acetate	7.30	43	25127	9.960	ug/l #	93
38) Carbon Tetrachloride	8.10	117	67561	10.669	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	74821	10.100	ug/l #	92
40) Benzene	8.36	78	171602	10.368	ug/l	100
41) Methacrylonitrile	7.53	41	13637	9.555	ug/l #	85
42) 1,2-Dichloroethane	8.43	62	49754	10.298	ug/l	100
43) Isopropyl Acetate	8.46	43	49084	9.927	ug/l	99
44) Trichloroethene	9.11	130	50831	10.194	ug/l	96
45) 1,2-Dichloropropane	9.39	63	41514	10.517	ug/l	94
46) Dibromomethane	9.48	93	23070	10.320	ug/l	96
47) Bromodichloromethane	9.66	83	60489	10.514	ug/l	95
48) Methyl methacrylate	9.46	41	22996	10.023	ug/l	95
49) 1,4-Dioxane	9.47	88	5628	205.127	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	120328	49.141	ug/l	100
52) Toluene	10.40	92	110902	10.232	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	55622	10.166	ug/l	100
54) cis-1,3-Dichloropropene	10.09	75	66422	10.217	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	32277	10.569	ug/l	92
56) Ethyl methacrylate	10.67	69	38288	9.873	ug/l	96
57) 1,3-Dichloropropane	10.95	76	54190	10.406	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	72430	47.093	ug/l	97
59) 2-Hexanone	10.98	43	79451	46.761	ug/l	98
60) Dibromochloromethane	11.14	129	42449	10.229	ug/l	99
61) 1,2-Dibromoethane	11.25	107	30559	10.032	ug/l	99
64) Tetrachloroethene	10.88	164	44122	10.441	ug/l	95
65) Chlorobenzene	11.67	112	119569	10.298	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	43847	10.222	ug/l	99
67) Ethyl Benzene	11.75	91	210527	10.173	ug/l	99
68) m/p-Xylenes	11.85	106	161970	20.469	ug/l	99
69) o-Xylene	12.18	106	72531	9.974	ug/l	99
70) Styrene	12.20	104	127319	10.054	ug/l	99
71) Bromoform	12.37	173	24993	9.761	ug/l #	100
73) Isopropylbenzene	12.48	105	197574	10.149	ug/l	100
74) N-amyl acetate	12.29	43	42385	9.708	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.73	83	32648	10.263	ug/l	100
76) 1,2,3-Trichloropropane	12.79	75	23556m	10.829	ug/l	
77) Bromobenzene	12.77	156	50445	10.541	ug/l	98
78) n-propylbenzene	12.83	91	235164	10.463	ug/l	100
79) 2-Chlorotoluene	12.91	91	129317	10.476	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	163404	10.271	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	10238	10.062	ug/l	100
82) 4-Chlorotoluene	13.01	91	135714	10.366	ug/l	100
83) tert-Butylbenzene	13.23	119	139140	10.055	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	161062	10.071	ug/l	98
85) sec-Butylbenzene	13.41	105	195619	10.315	ug/l	99
86) p-Isopropyltoluene	13.53	119	184056	10.236	ug/l	99
87) 1,3-Dichlorobenzene	13.53	146	92368	10.147	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	91006	10.121	ug/l	96
89) n-Butylbenzene	13.85	91	169712	10.429	ug/l	98
90) Hexachloroethane	14.13	117	35178	10.450	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	79966	10.306	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.52	75	5465	10.194	ug/l	89

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VSTDICC010

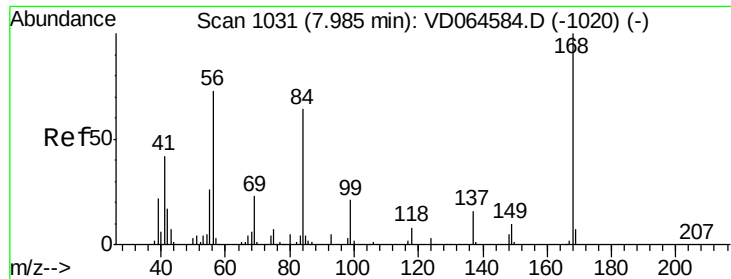
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.18	180	59247	9.994	ug/l	96
94) Hexachlorobutadiene	15.28	225	38248	10.478	ug/l	98
95) Naphthalene	15.41	128	91227	9.272	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	51834	10.271	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD064582.D

Acq: 24 Dec 2019 10:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tot Ion:168 Resp: 430345

Ion Ratio Lower Upper

168 100

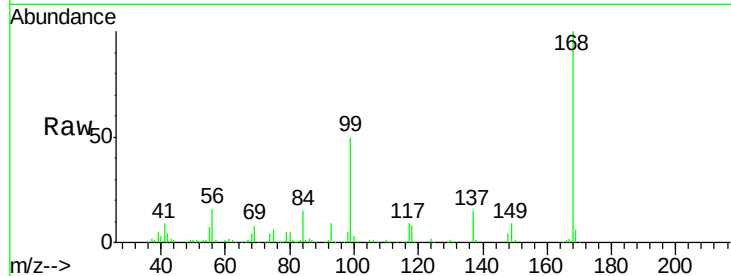
99 50.2 41.8 62.6

Manual Integrations

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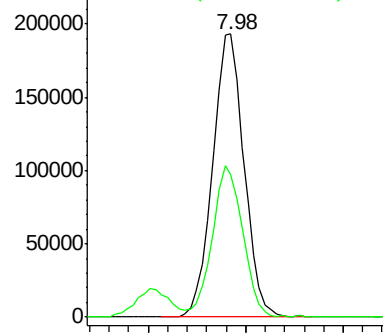
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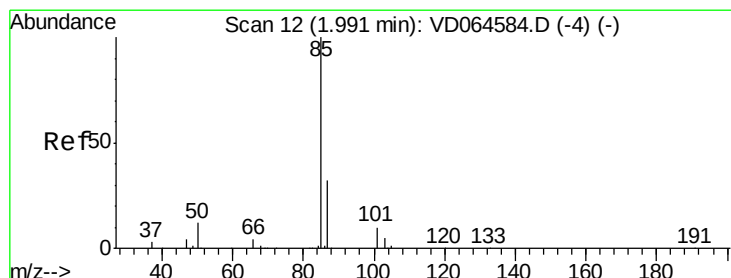
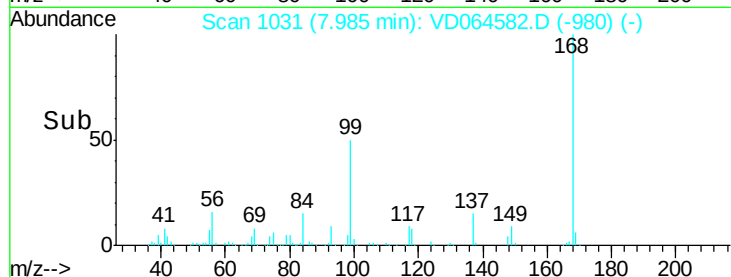


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



Time-->



#2

Dichlorodifluoromethane

Concen: 9.541 ug/l

RT: 1.99 min Scan# 12

Delta R.T. -0.00 min

Lab File: VD064582.D

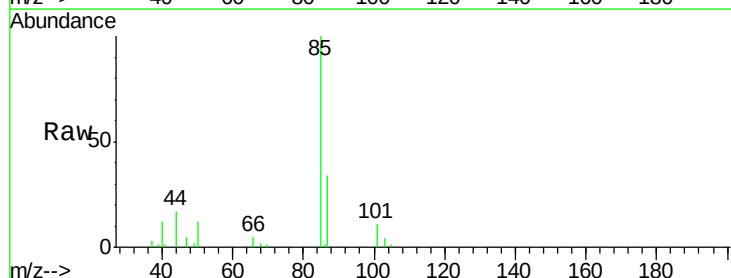
Acq: 24 Dec 2019 10:51

Tgt Ion: 85 Resp: 36659

Ion Ratio Lower Upper

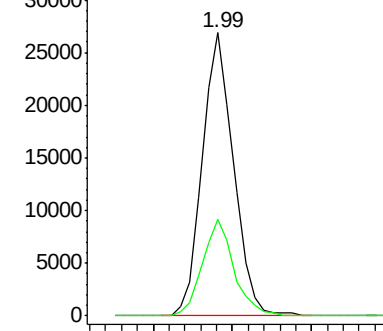
85 100

87 34.0 16.1 48.2

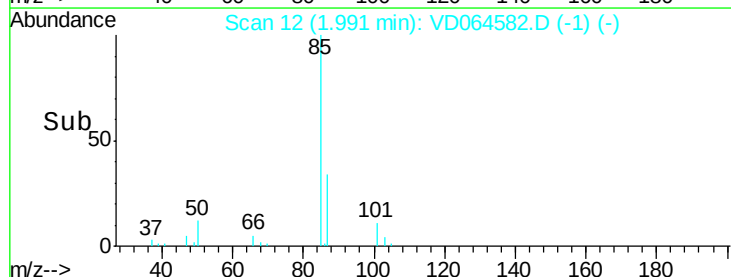


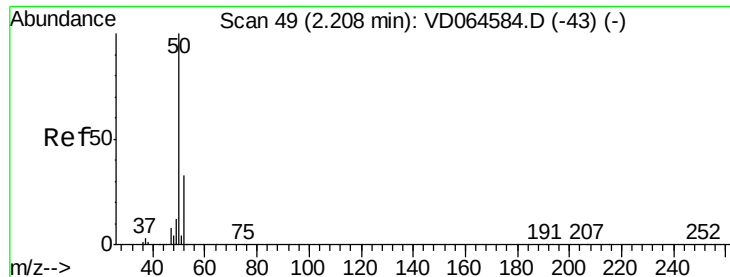
Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC



Time-->





#3

Chloromethane

Concen: 10.674 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD064582.D

Acq: 24 Dec 2019 10:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tot Ion: 50 Resp: 52431

Ion Ratio Lower Upper

50 100

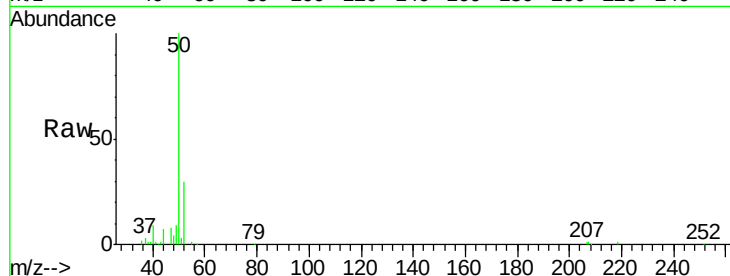
52 29.7 26.5 39.7

Manual Integrations

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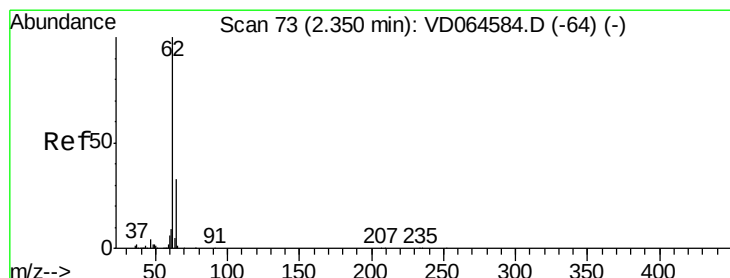
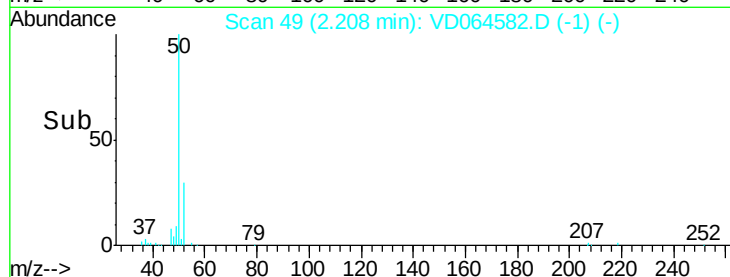
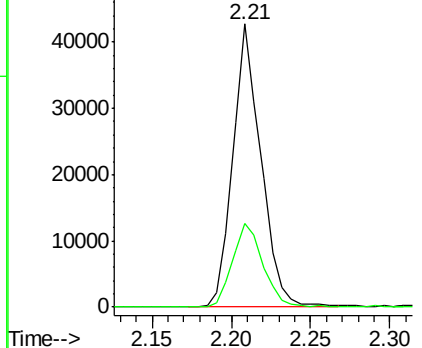
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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 10.899 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD064582.D

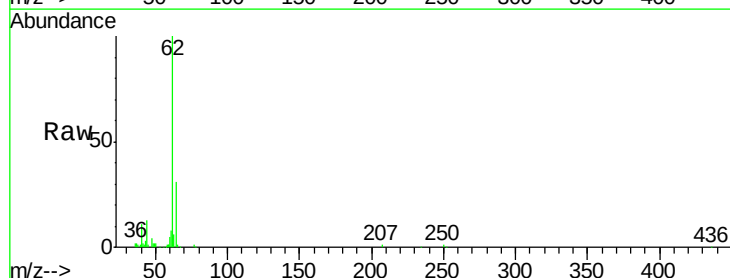
Acq: 24 Dec 2019 10:51

Tgt Ion: 62 Resp: 61836

Ion Ratio Lower Upper

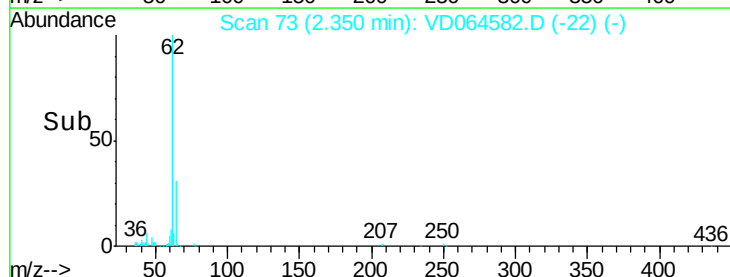
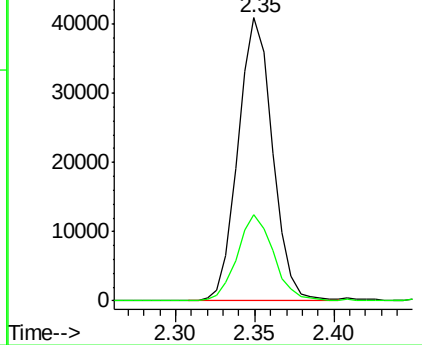
62 100

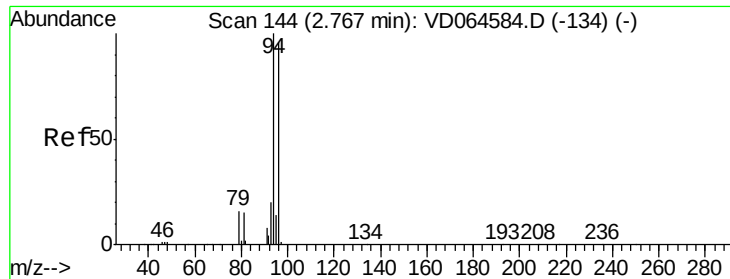
64 30.7 26.6 40.0



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 10.413 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.00 min

Lab File: VD064582.D

Acq: 24 Dec 2019 10:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tot Ion: 94 Resp: 43765

Ion Ratio Lower Upper

94 100

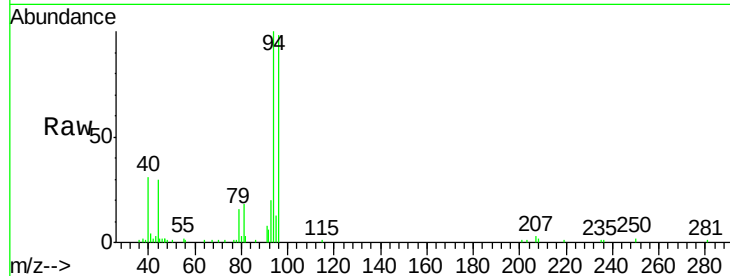
96 96.7 77.2 115.8

Manual Integrations

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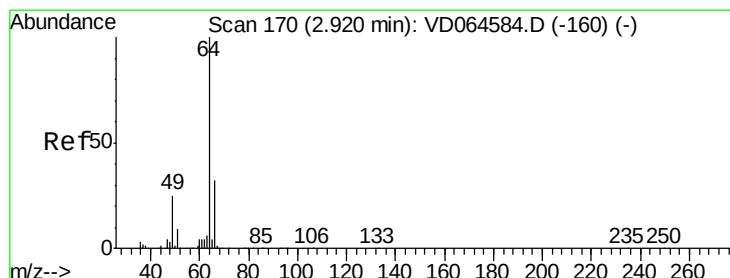
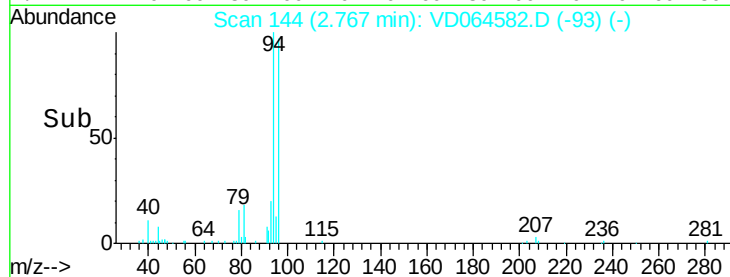
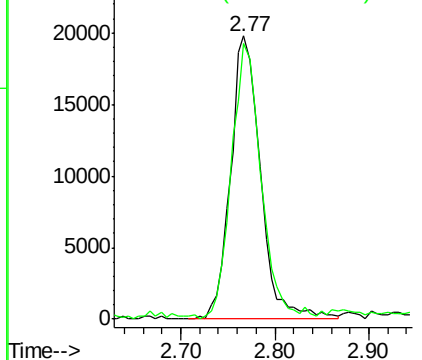
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 10.833 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD064582.D

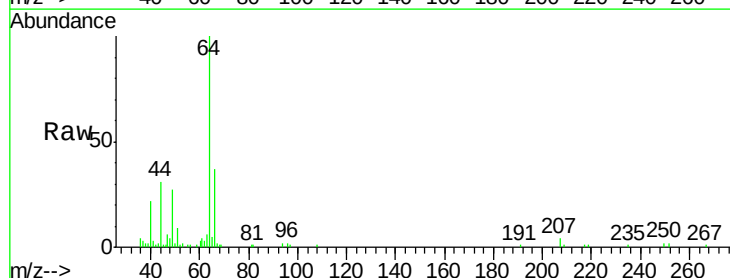
Acq: 24 Dec 2019 10:51

Tgt Ion: 64 Resp: 41424

Ion Ratio Lower Upper

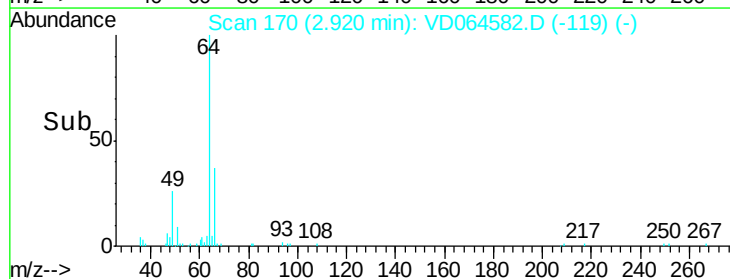
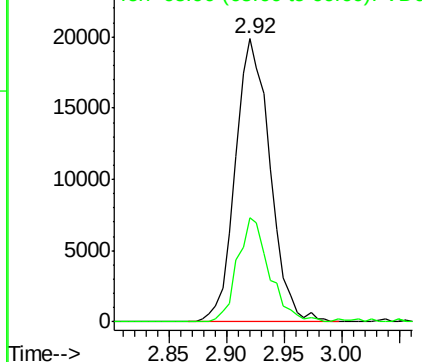
64 100

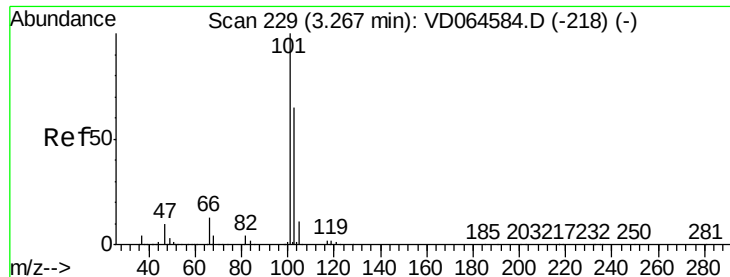
66 37.0 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

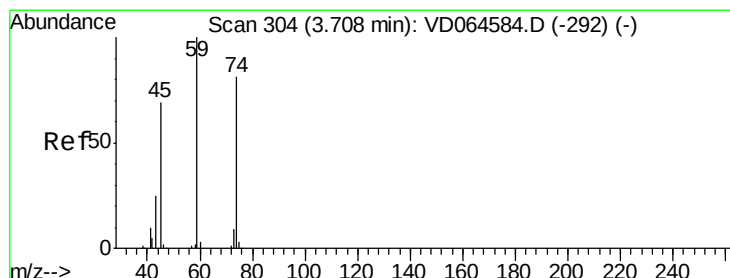
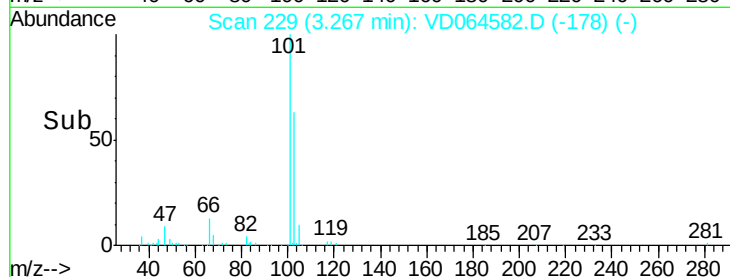
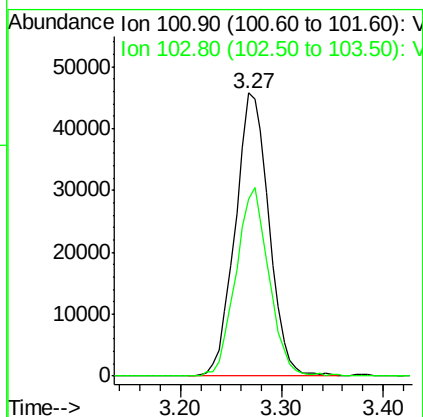
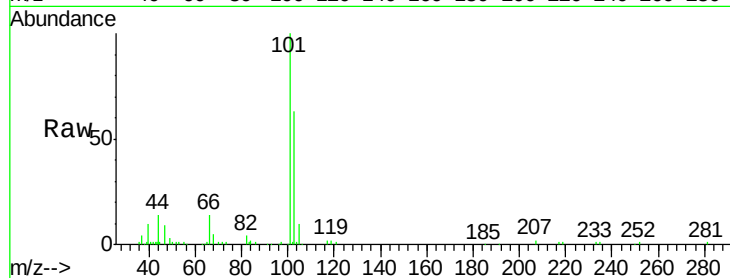
Trichlorofluoromethane
Concen: 11.127 ug/l
RT: 3.27 min Scan# 229
Delta R.T. -0.00 min
Lab File: VD064582.D
Acq: 24 Dec 2019 10:51

Instrument :
MSVOA_D
ClientSampled :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.6	52.2	78.4

Manual Integrations
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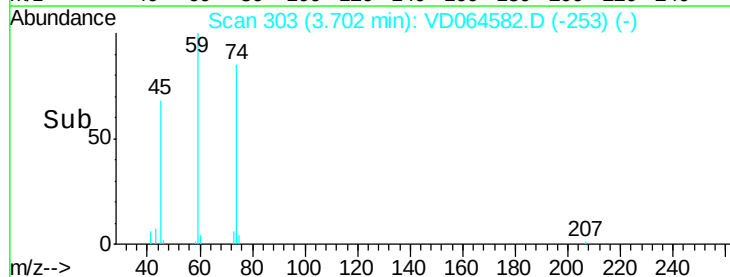
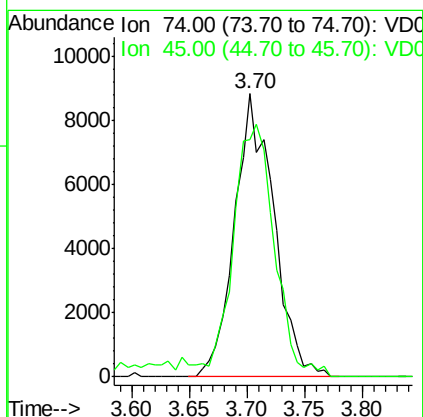
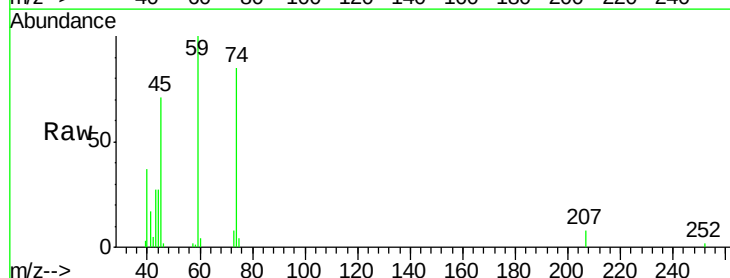
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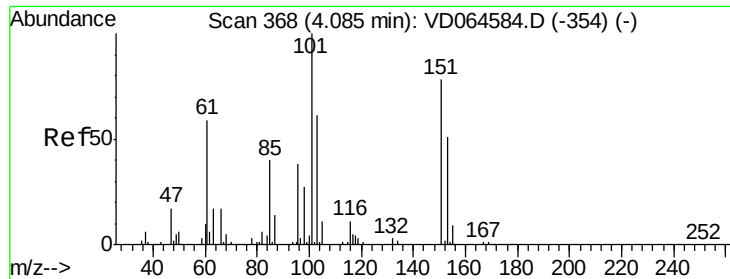


#8

Diethyl Ether
Concen: 10.713 ug/l
RT: 3.70 min Scan# 303
Delta R.T. -0.01 min
Lab File: VD064582.D
Acq: 24 Dec 2019 10:51

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.4	47.5	142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 10.653 ug/l

RT: 4.08 min Scan# 367

Delta R.T. -0.01 min

Lab File: VD064582.D

Acq: 24 Dec 2019 10:51

Instrument :

MSVOA_D

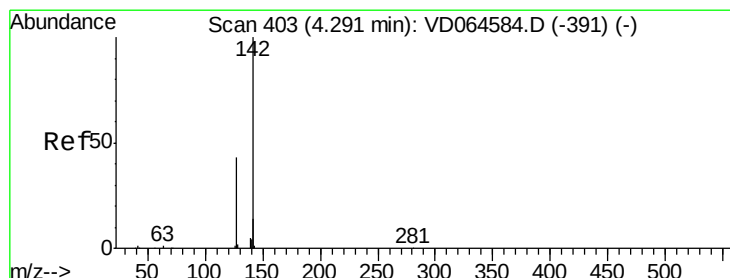
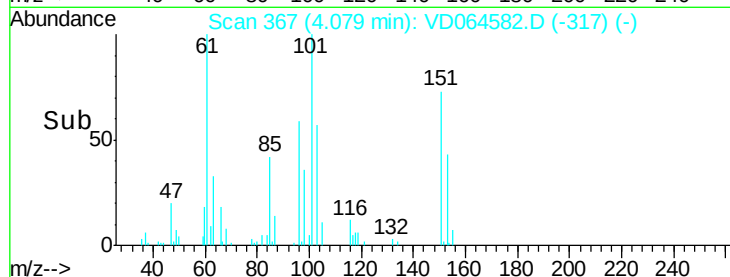
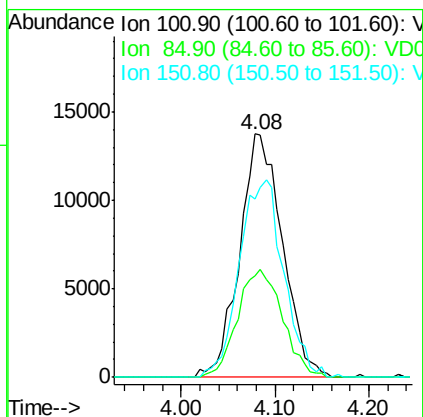
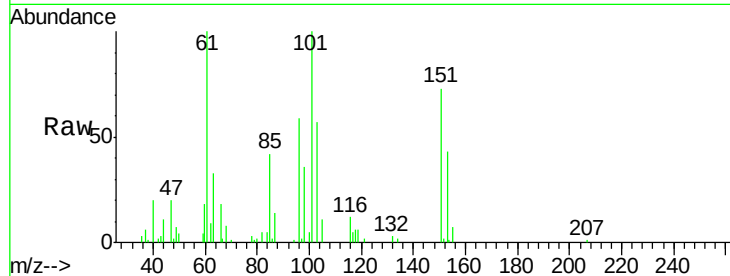
ClientSampleId :

VSTDIC010

Tot Ion:	101	Resp:	43244
Ion Ratio	Lower	Upper	
101	100		
85	46.6	35.2	52.8
151	84.1	66.2	99.4

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#10

Methyl Iodide

Concen: 8.853 ug/l

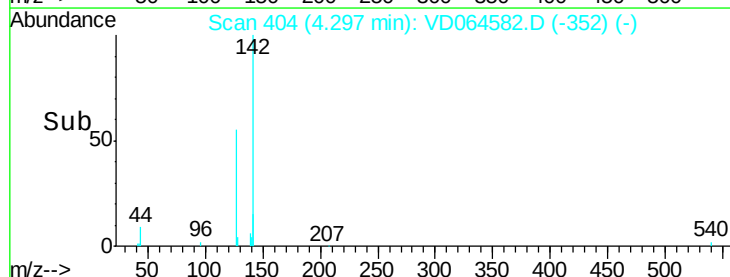
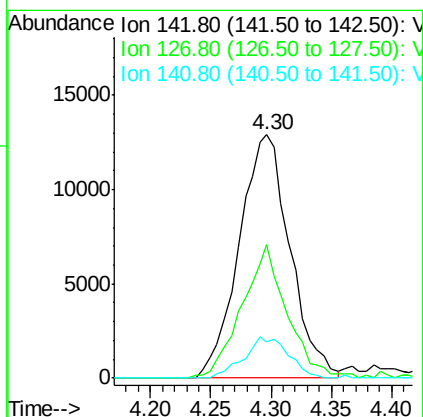
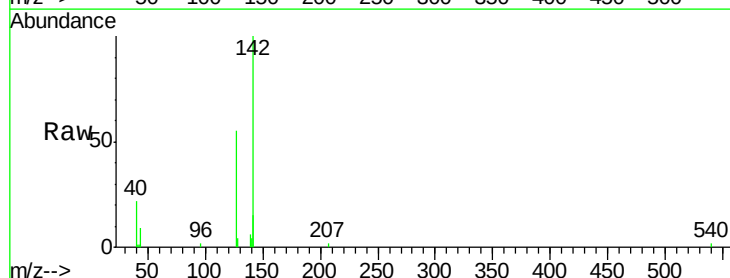
RT: 4.30 min Scan# 404

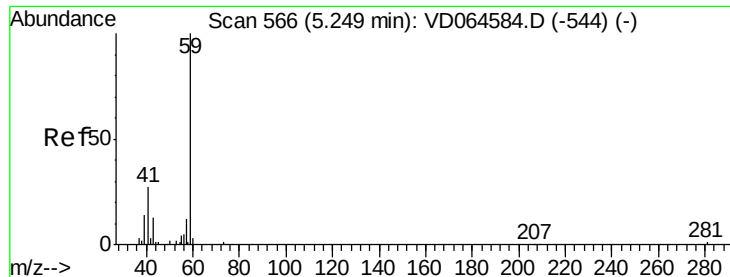
Delta R.T. 0.01 min

Lab File: VD064582.D

Acq: 24 Dec 2019 10:51

Tgt Ion:	142	Resp:	37726
Ion Ratio	Lower	Upper	
142	100		
127	48.6	36.2	54.4
141	14.9	11.8	17.8





#11

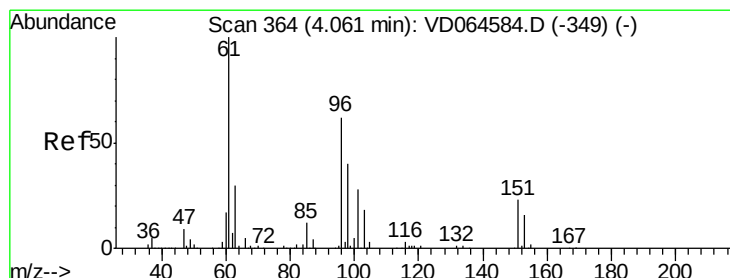
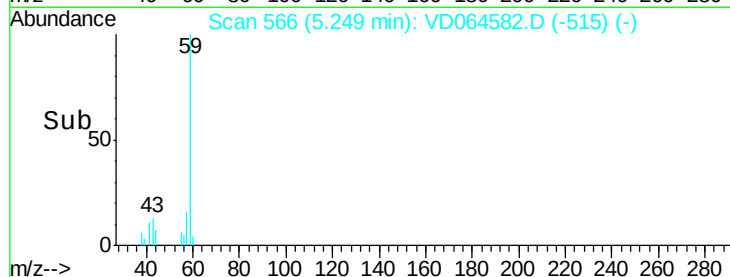
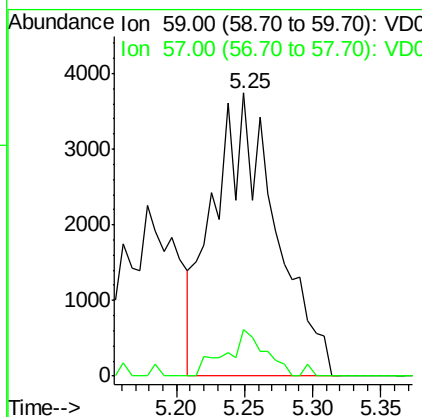
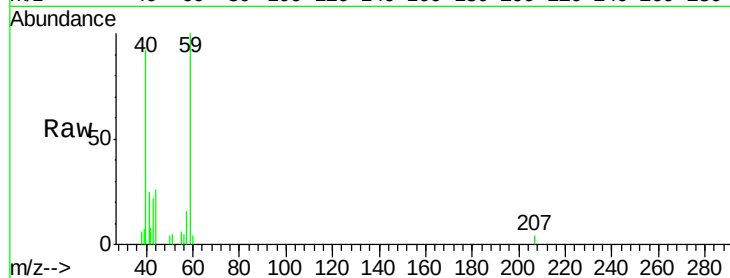
Tert butyl alcohol
 Concen: 48.158 ug/l m
 RT: 5.25 min Scan# 566
 Delta R.T. -0.00 min
 Lab File: VD064582.D
 Acq: 24 Dec 2019 10:51

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Tot Ion	59	Resp	11784
Ion Ratio	100	Lower	Upper
57	10.3	9.3	13.9

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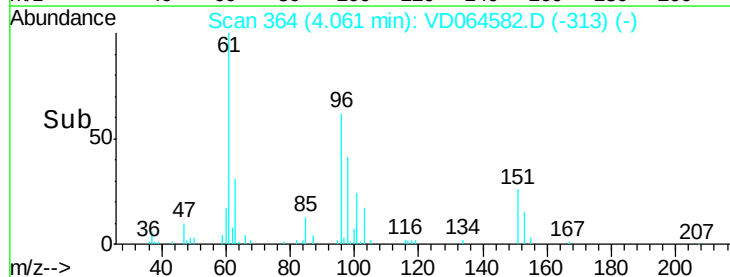
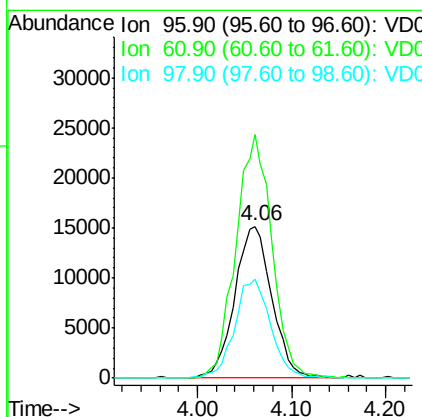
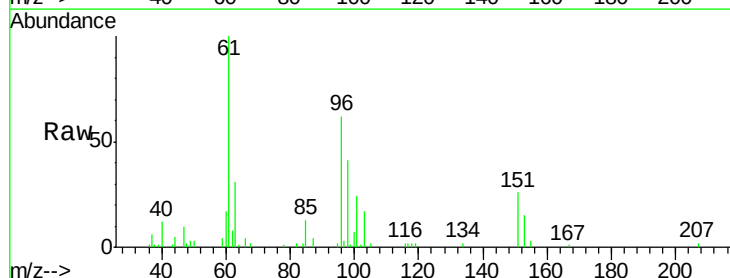
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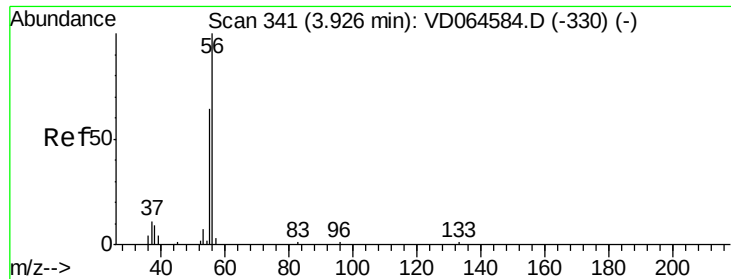


#12

1,1-Dichloroethene
 Concen: 10.723 ug/l
 RT: 4.06 min Scan# 364
 Delta R.T. -0.00 min
 Lab File: VD064582.D
 Acq: 24 Dec 2019 10:51

Tgt Ion	96	Resp	41554
Ion Ratio	100	Lower	Upper
61	160.1	129.4	194.0
98	65.0	51.4	77.0





#13

Acrolein

Concen: 47.587 ug/l

RT: 3.93 min Scan# 341

Delta R.T. -0.00 min

Lab File: VD064582.D

Acq: 24 Dec 2019 10:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tot Ion: 56 Resp: 16049

Ion Ratio Lower Upper

56 100

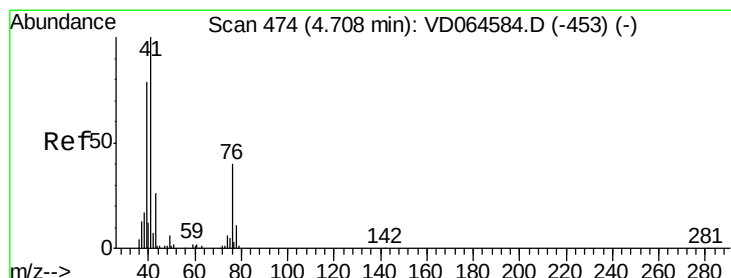
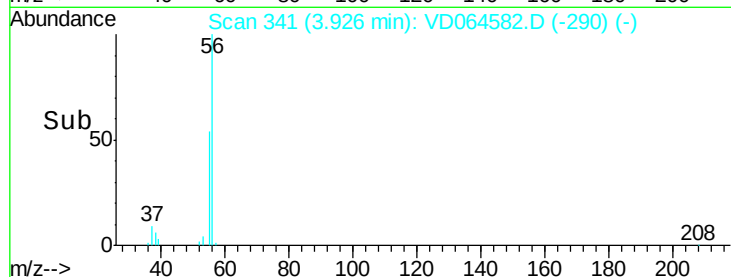
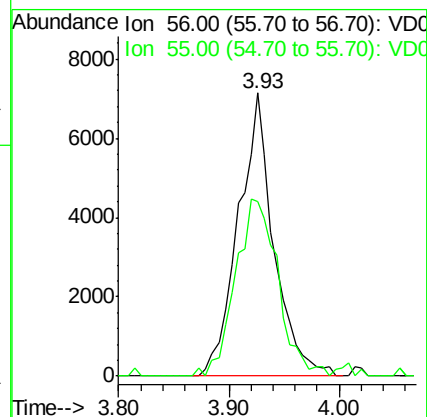
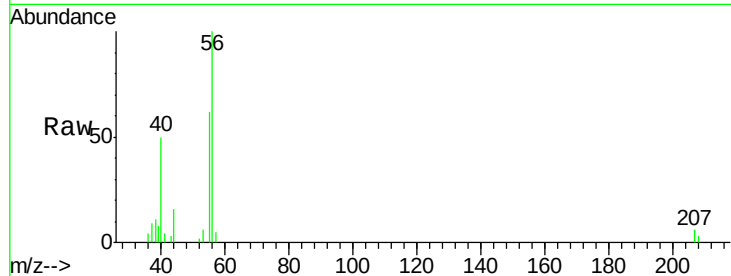
55 74.9 56.7 85.1

Manual Integrations

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#14

Allyl chloride

Concen: 10.512 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.00 min

Lab File: VD064582.D

Acq: 24 Dec 2019 10:51

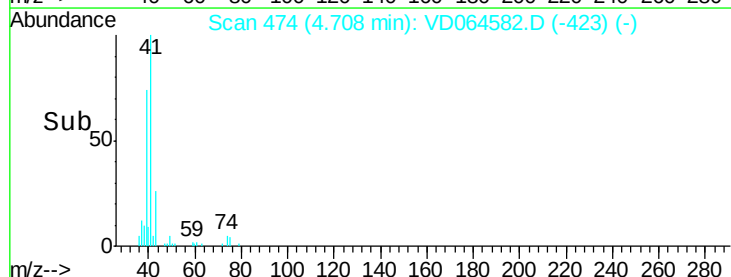
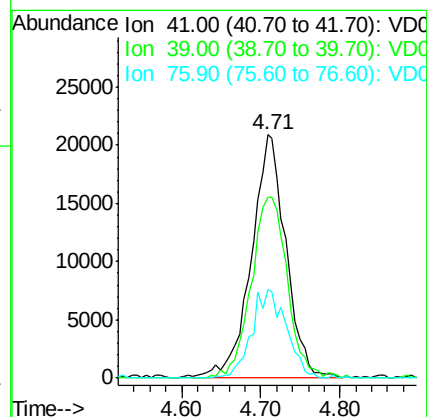
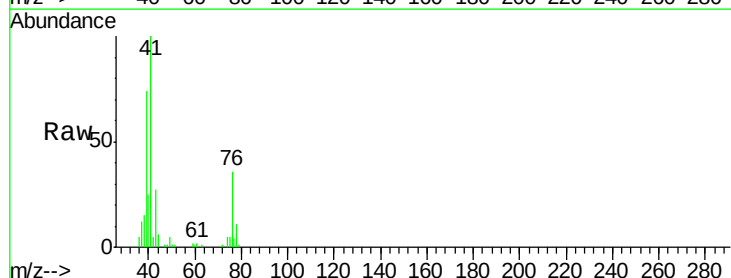
Tgt Ion: 41 Resp: 63437

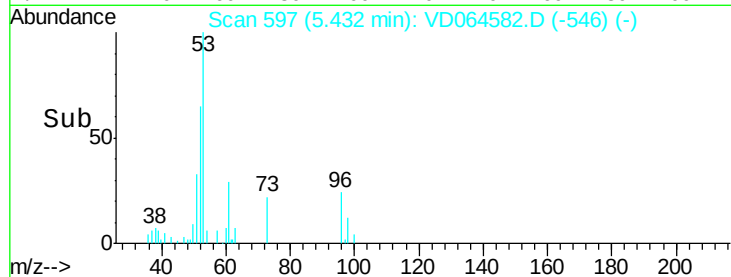
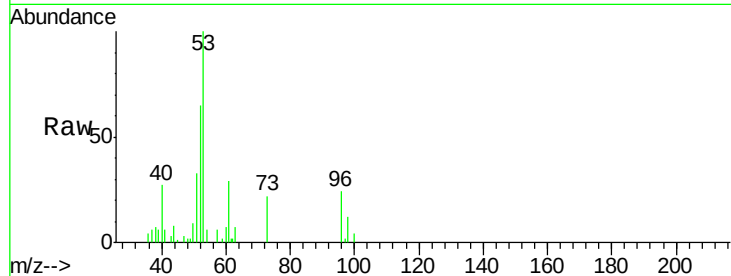
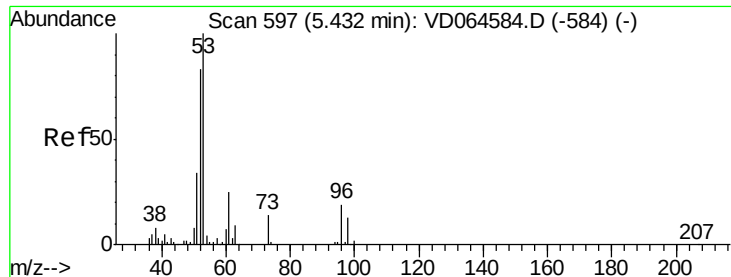
Ion Ratio Lower Upper

41 100

39 77.4 62.3 93.5

76 36.3 29.7 44.5





#15

Acrylonitrile

Concen: 50.132 ug/l

RT: 5.43 min Scan# 597

Delta R.T. -0.00 min

Lab File: VD064582.D

Acq: 24 Dec 2019 10:51

Tot Ion:	53	Resp:	42737
Ion Ratio	Lower	Upper	
53	100		
52	80.5	66.2	99.2
51	36.5	30.1	45.1

Instrument :

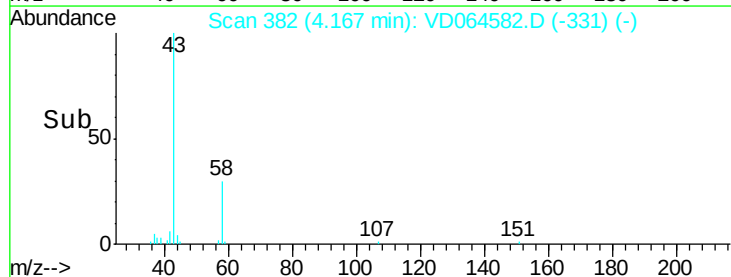
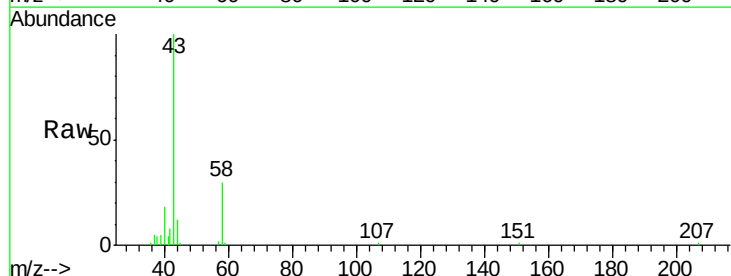
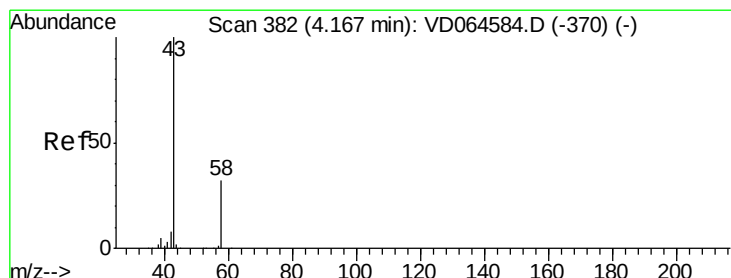
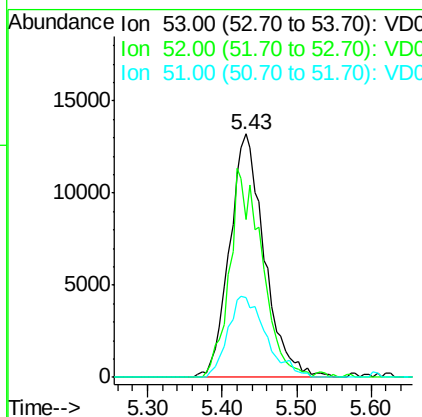
MSVOA_D

ClientSampleId :

VSTDIC010

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#16

Acetone

Concen: 52.608 ug/l

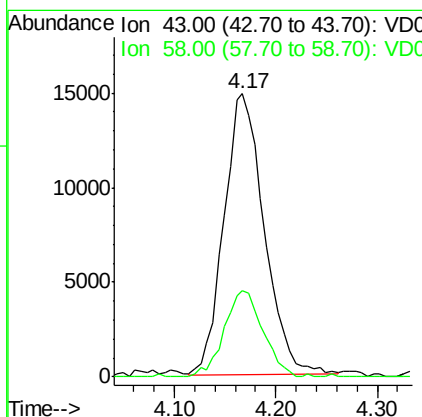
RT: 4.17 min Scan# 382

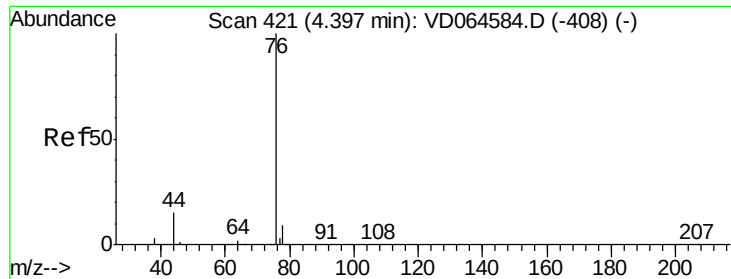
Delta R.T. -0.00 min

Lab File: VD064582.D

Acq: 24 Dec 2019 10:51

Tgt Ion:	43	Resp:	40994
Ion Ratio	Lower	Upper	
43	100		
58	30.8	25.8	38.6





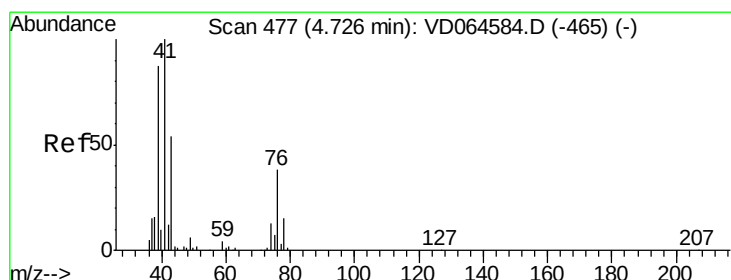
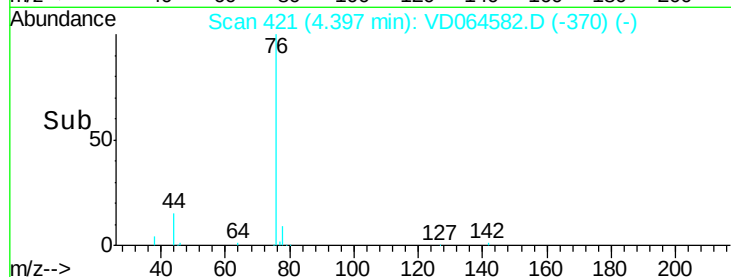
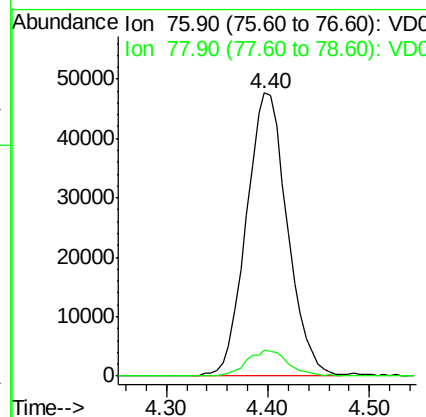
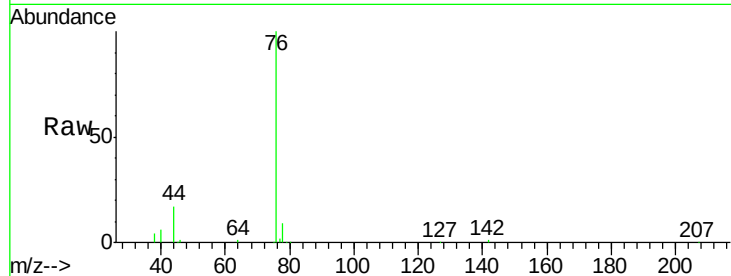
#17
Carbon Disulfide
Concen: 10.946 ug/l
RT: 4.40 min Scan# 421
Delta R.T. -0.00 min
Lab File: VD064582.D
Acq: 24 Dec 2019 10:51

Instrument :
MSVOA_D
ClientSampled :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.3	10.9

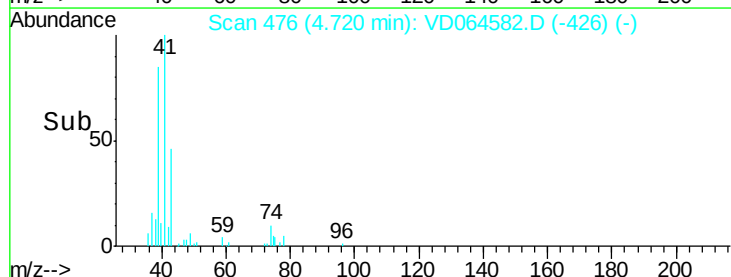
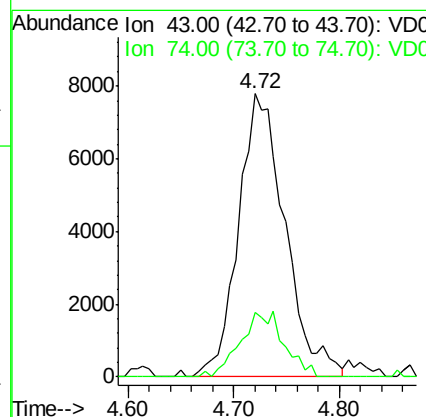
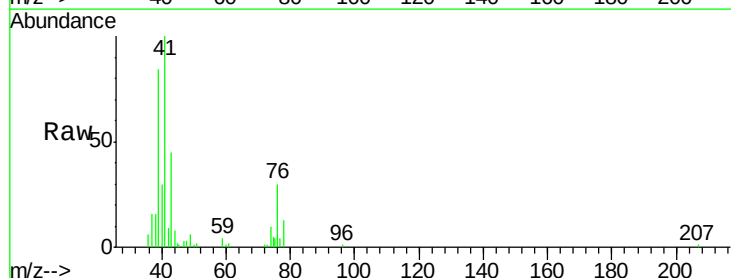
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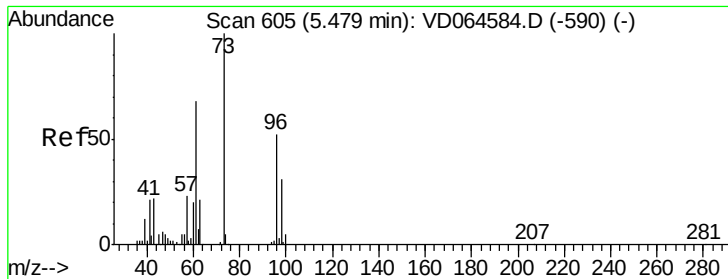
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#18
Methyl Acetate
Concen: 10.419 ug/l
RT: 4.72 min Scan# 476
Delta R.T. -0.01 min
Lab File: VD064582.D
Acq: 24 Dec 2019 10:51

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.6	19.2	28.8





#19

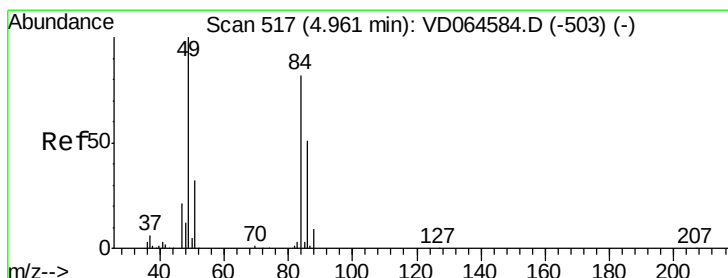
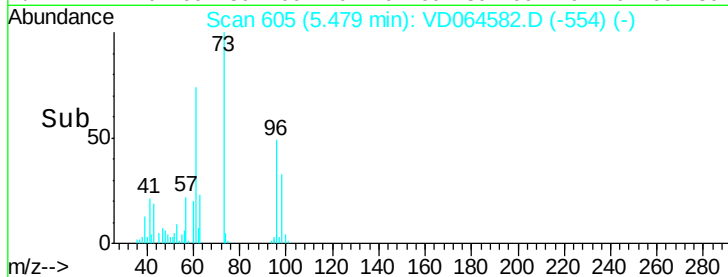
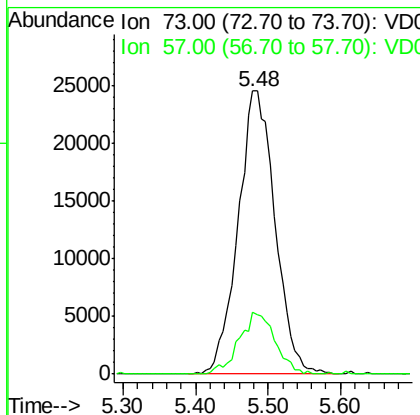
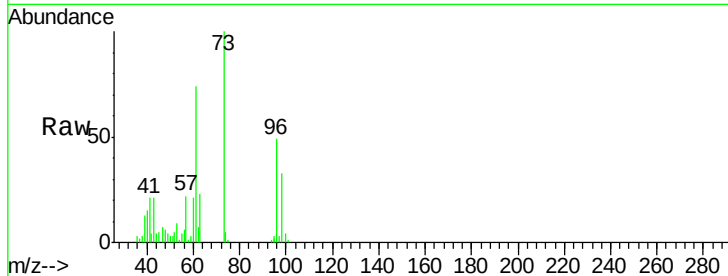
Methyl tert-butyl Ether
 Concen: 9.839 ug/l
 RT: 5.48 min Scan# 605
 Delta R.T. -0.00 min
 Lab File: VD064582.D
 Acq: 24 Dec 2019 10:51

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.0	18.6	27.8

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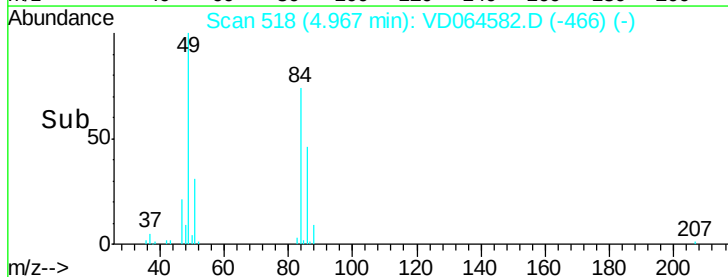
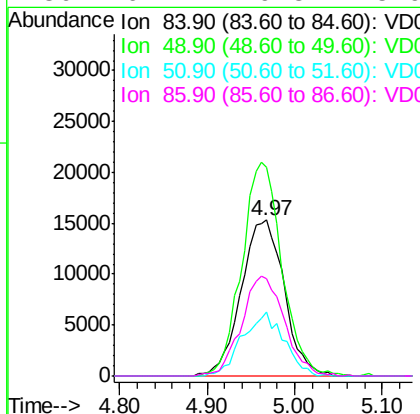
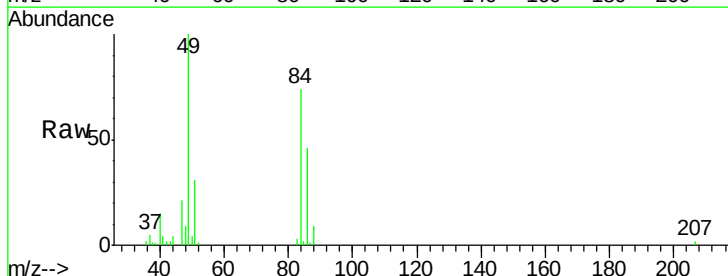
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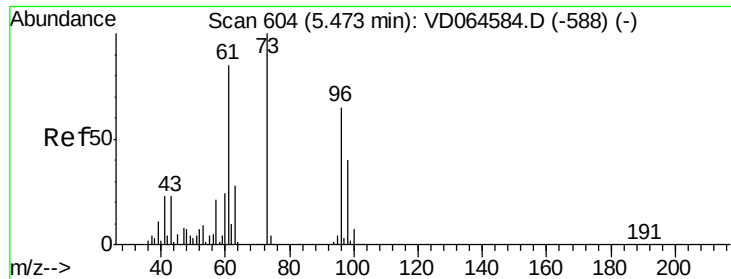


#20

Methylene Chloride
 Concen: 11.375 ug/l
 RT: 4.97 min Scan# 518
 Delta R.T. 0.01 min
 Lab File: VD064582.D
 Acq: 24 Dec 2019 10:51

Tgt Ion	Ratio	Lower	Upper
84	100		
49	134.2	97.2	145.8
51	41.3	31.4	47.0
86	62.1	49.3	73.9





#21

trans-1,2-Dichloroethene

Concen: 10.412 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.00 min

Lab File: VD064582.D

Acq: 24 Dec 2019 10:51

Instrument :

MSVOA_D

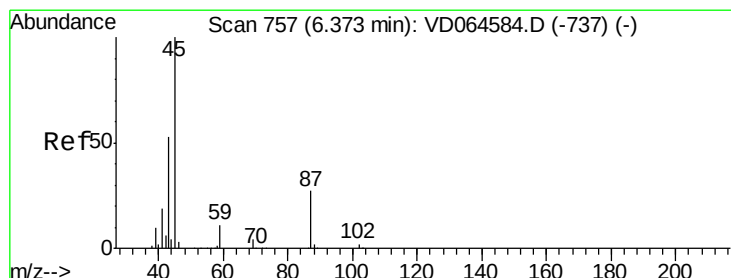
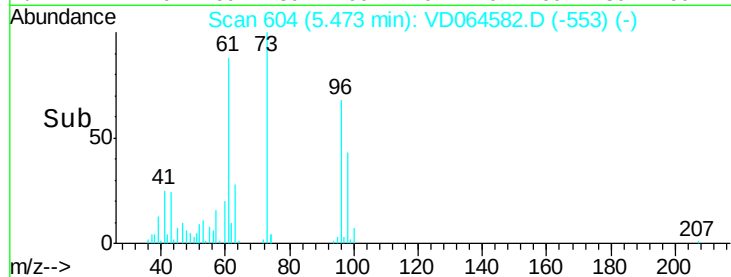
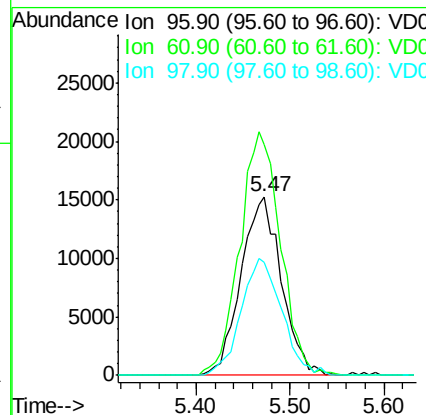
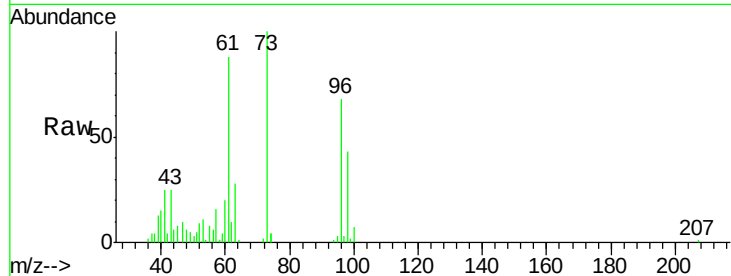
ClientSampleId :

VSTDIC010

Tot Ion:	96	Resp:	45526
Ion	Ratio	Lower	Upper
96	100		
61	128.9	104.7	157.1
98	63.3	49.4	74.2

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#22

Diisopropyl ether

Concen: 10.309 ug/l

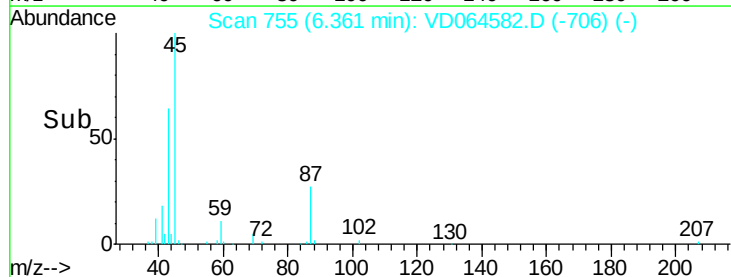
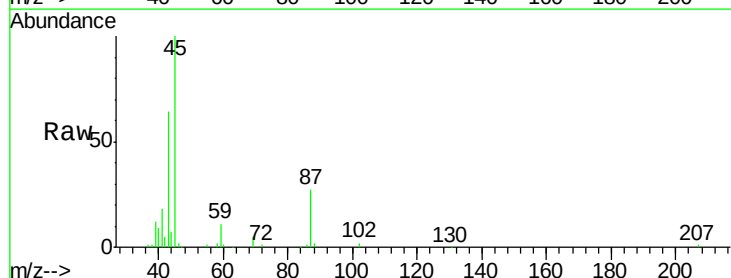
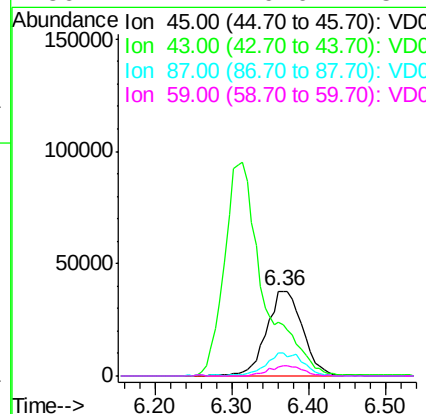
RT: 6.36 min Scan# 755

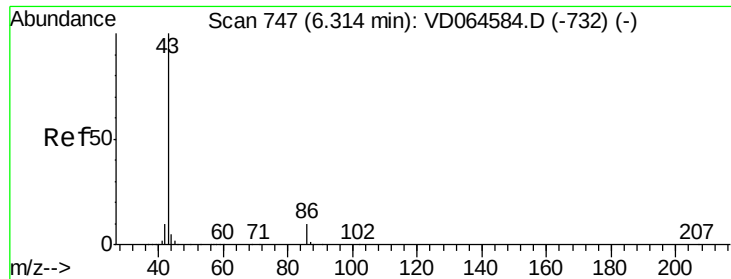
Delta R.T. -0.01 min

Lab File: VD064582.D

Acq: 24 Dec 2019 10:51

Tgt Ion:	45	Resp:	123146
Ion	Ratio	Lower	Upper
45	100		
43	63.1	43.2	64.8
87	26.2	21.9	32.9
59	11.1	9.0	13.4





#23

Vinyl Acetate

Concen: 47.781 ug/l

RT: 6.31 min Scan# 747

Delta R.T. -0.00 min

Lab File: VD064582.D

Acq: 24 Dec 2019 10:51

Instrument :

MSVOA_D

ClientSampleID :

VSTDIC010

Tot Ion: 43 Resp: 335050

Ion Ratio Lower Upper

43 100

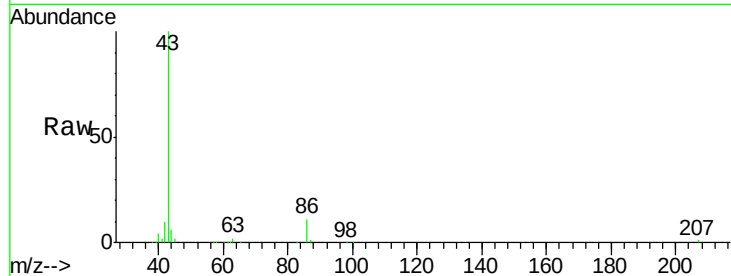
86 10.8 8.3 12.5

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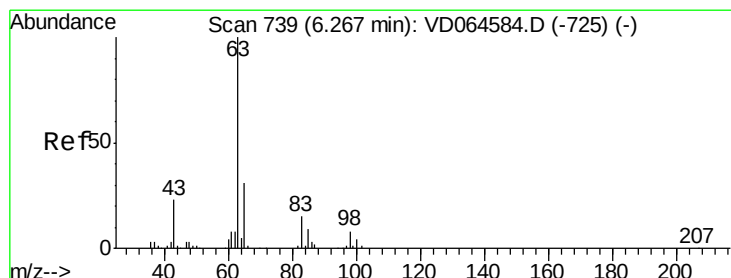
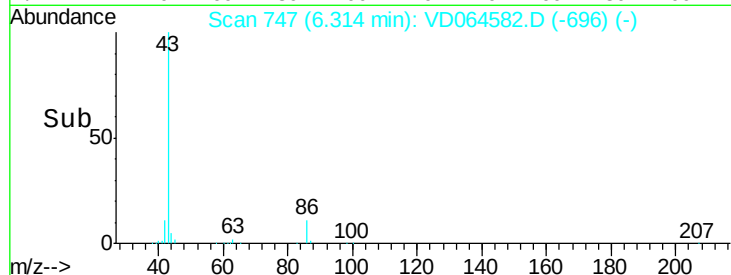
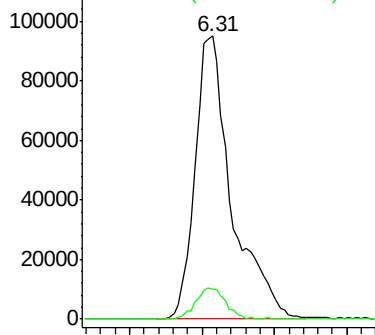
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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 10.425 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.00 min

Lab File: VD064582.D

Acq: 24 Dec 2019 10:51

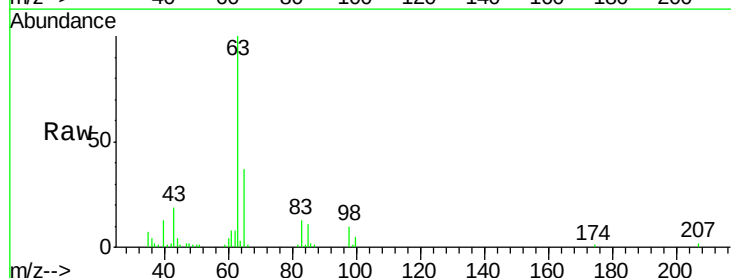
Tgt Ion: 63 Resp: 74694

Ion Ratio Lower Upper

63 100

98 9.5 4.1 12.3

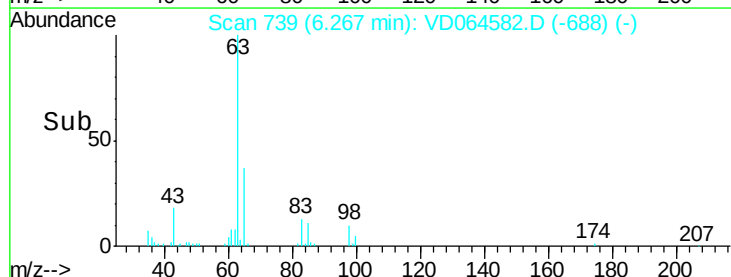
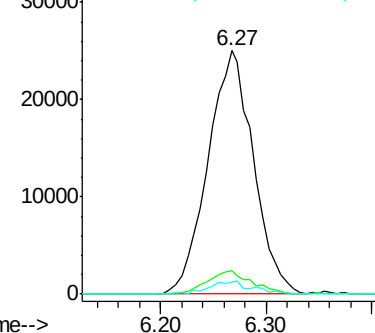
100 5.1 2.2 6.6

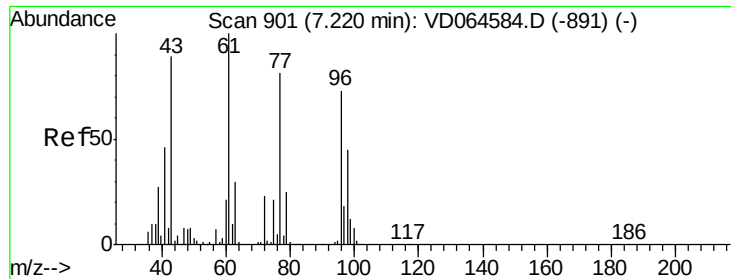


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 50.338 ug/l

RT: 7.23 min Scan# 902

Delta R.T. 0.01 min

Lab File: VD064582.D

Acq: 24 Dec 2019 10:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tot Ion: 43 Resp: 55571

Ion Ratio Lower Upper

43 100

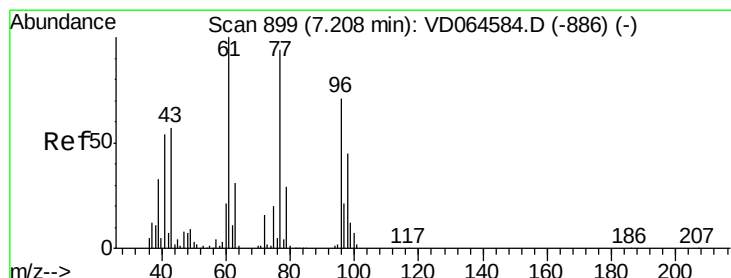
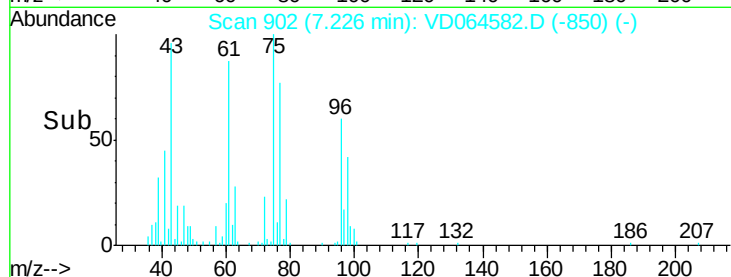
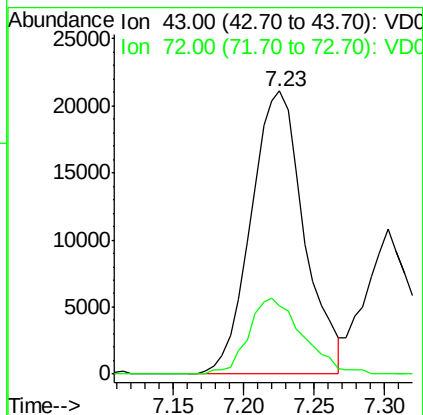
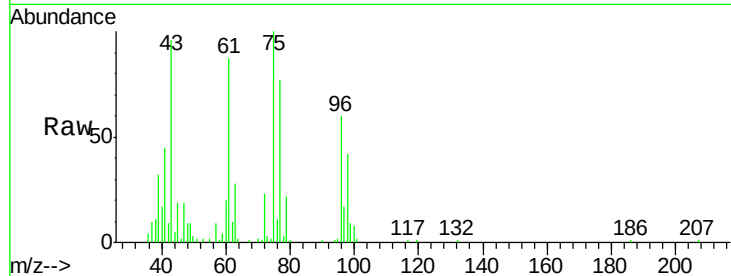
72 24.3 20.7 31.1

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#26

2,2-Dichloropropane

Concen: 11.089 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.01 min

Lab File: VD064582.D

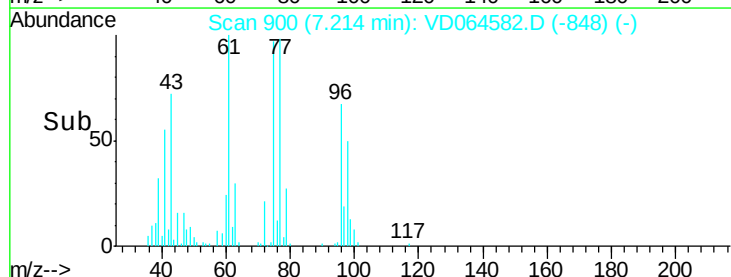
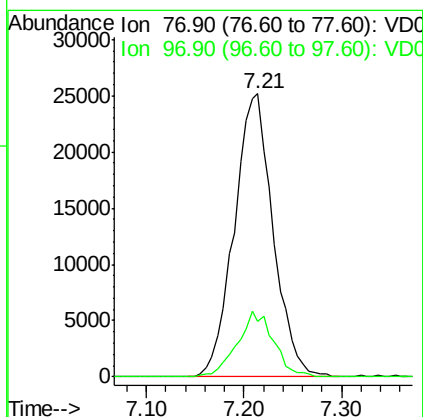
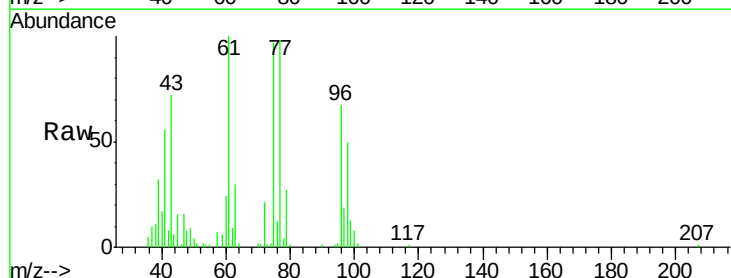
Acq: 24 Dec 2019 10:51

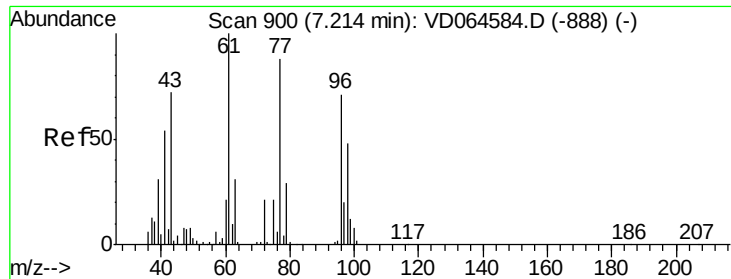
Tgt Ion: 77 Resp: 69952

Ion Ratio Lower Upper

77 100

97 21.7 11.2 33.6





#27

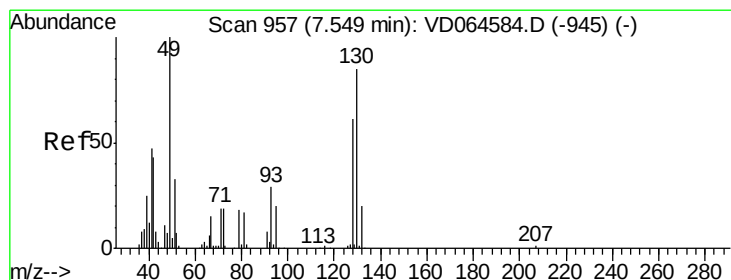
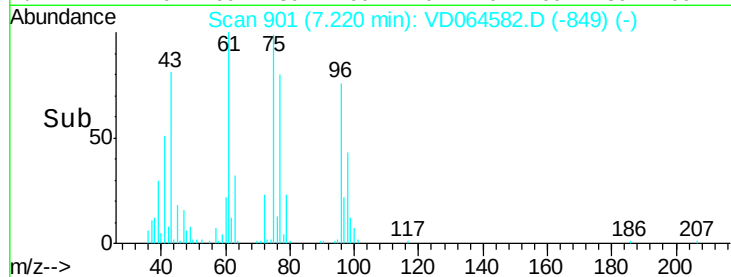
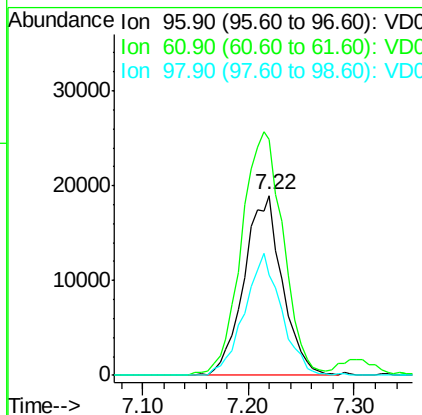
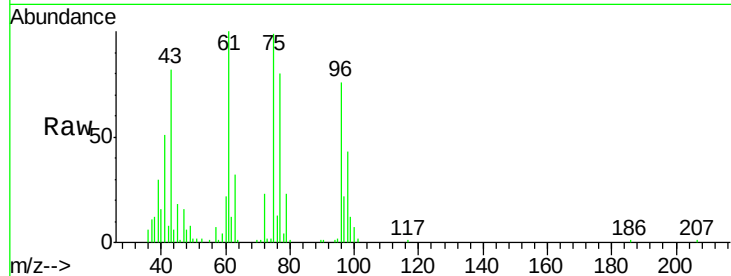
cis-1,2-Dichloroethene
 Concen: 9.996 ug/l
 RT: 7.22 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VD064582.D
 Acq: 24 Dec 2019 10:51

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
96	100		
61	147.7	0.0	282.6
98	65.7	0.0	130.8

Manual Integrations
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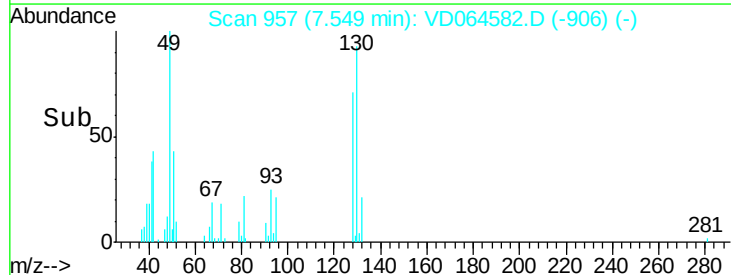
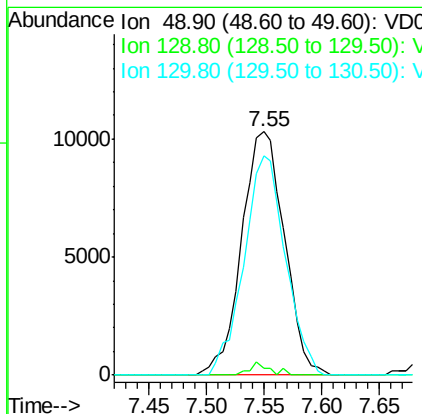
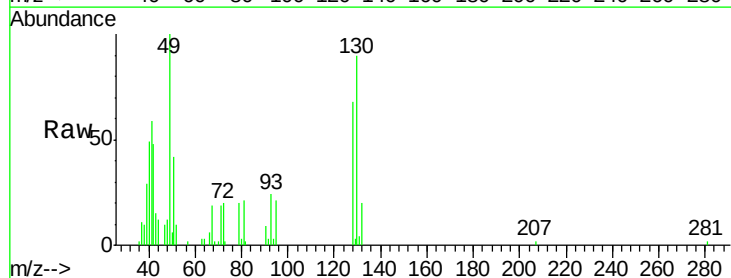
apatel
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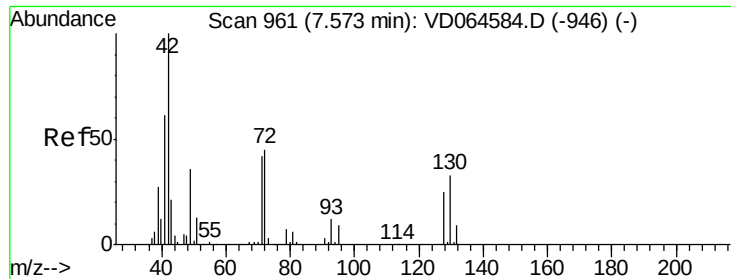


#28

Bromochloromethane
 Concen: 10.560 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. -0.00 min
 Lab File: VD064582.D
 Acq: 24 Dec 2019 10:51

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.8
130	87.4	65.0	97.6





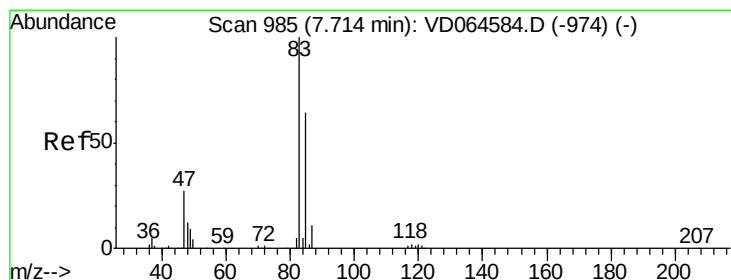
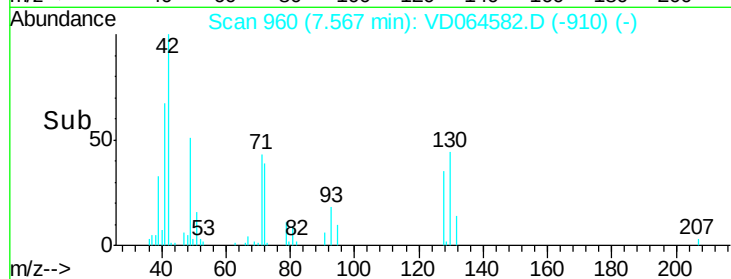
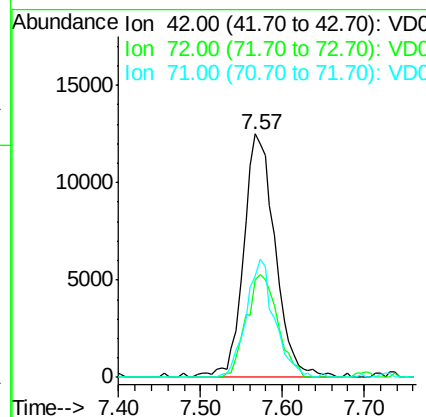
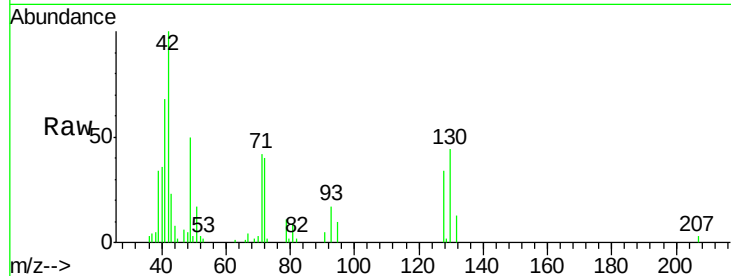
#29
Tetrahydrofuran
Concen: 47.617 ug/l
RT: 7.57 min Scan# 960
Delta R.T. -0.01 min
Lab File: VD064582.D
Acq: 24 Dec 2019 10:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.9	35.0	52.4
71	43.6	32.9	49.3

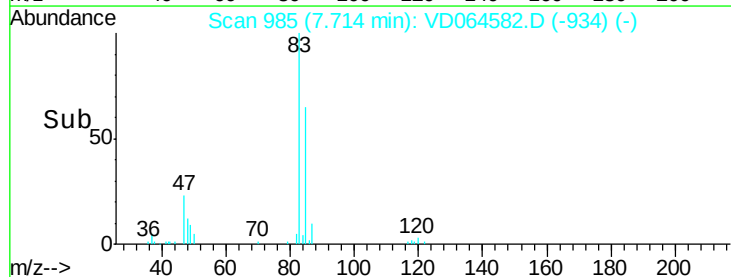
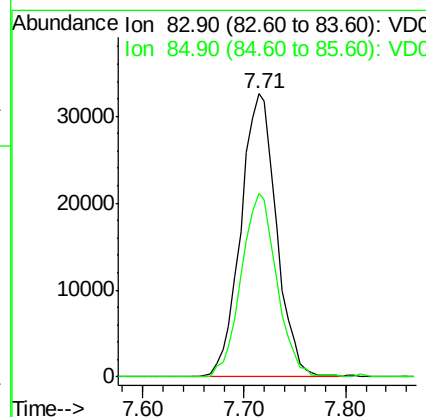
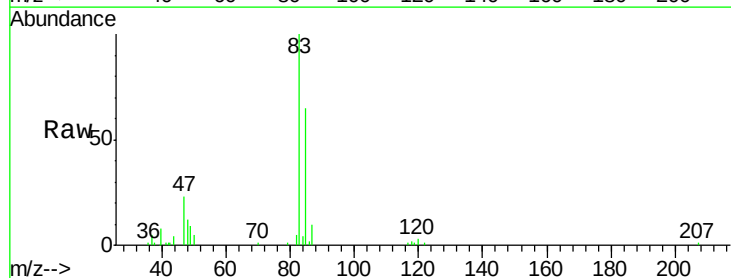
Manual Integrations
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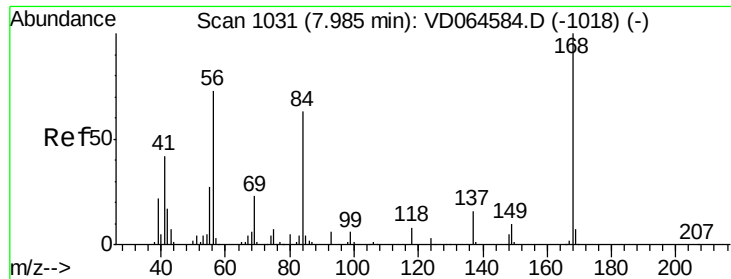
apatel
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#30
Chloroform
Concen: 10.674 ug/l
RT: 7.71 min Scan# 985
Delta R.T. -0.00 min
Lab File: VD064582.D
Acq: 24 Dec 2019 10:51

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	51.1	76.7





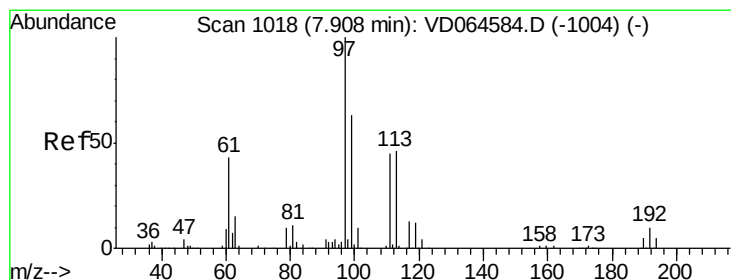
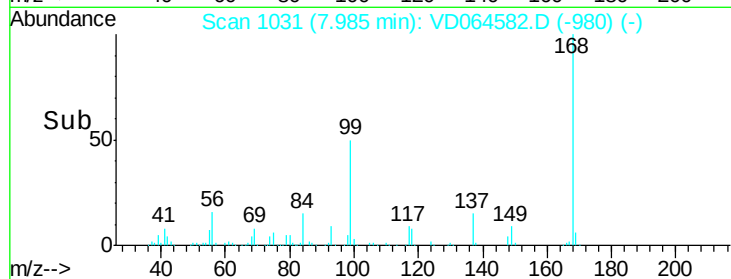
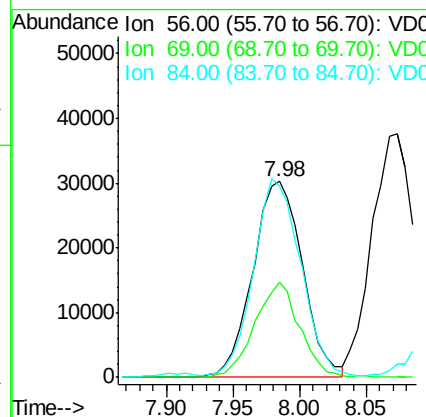
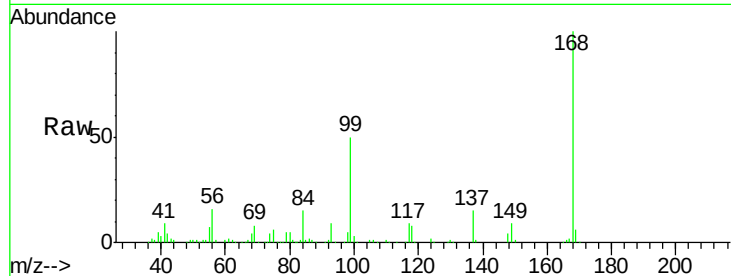
#31
Cyclohexane
Concen: 11.070 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD064582.D
Acq: 24 Dec 2019 10:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
56	100		
69	48.5	24.7	37.1#
84	96.1	69.4	104.2

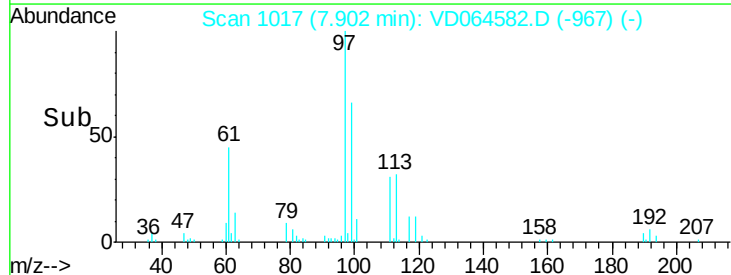
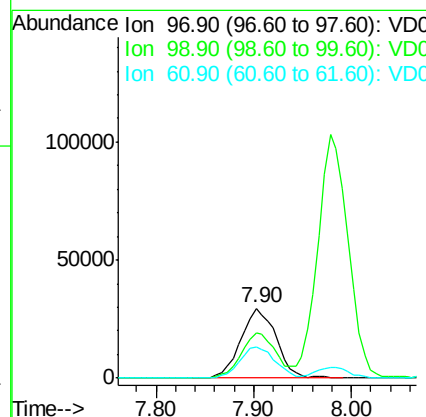
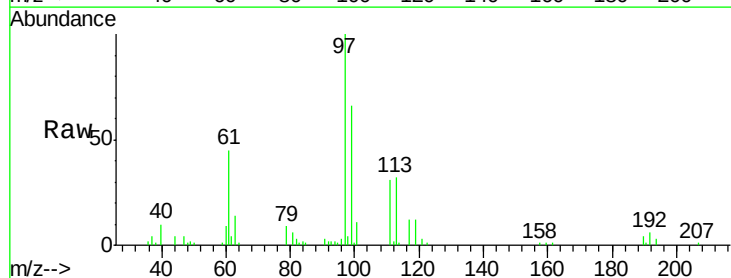
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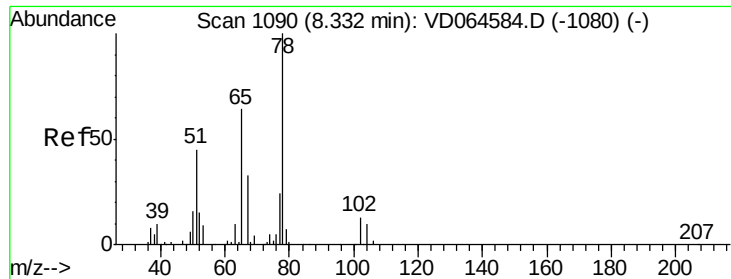
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#32
1,1,1-Trichloroethane
Concen: 10.762 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VD064582.D
Acq: 24 Dec 2019 10:51

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.4	51.0	76.6
61	44.8	35.4	53.0





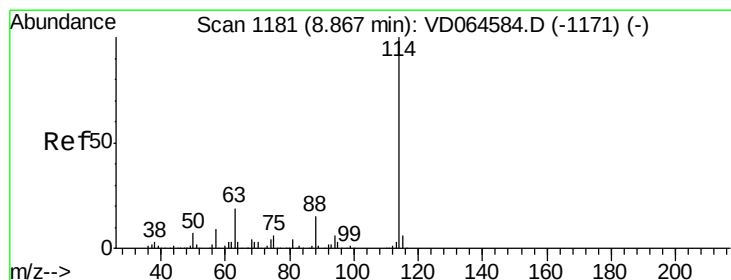
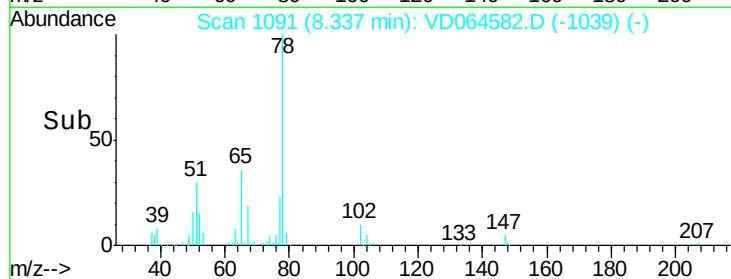
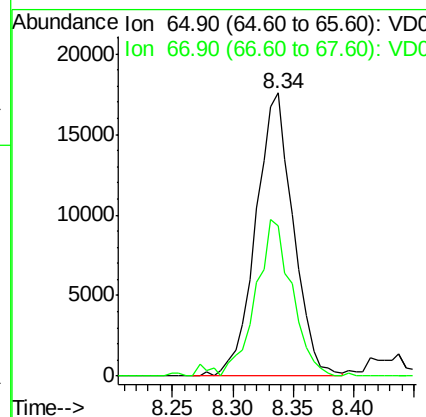
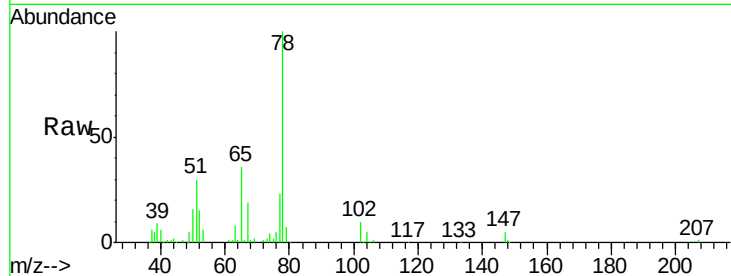
#33
 1,2-Dichloroethane-d4
 Concen: 9.708 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: VD064582.D
 Acq: 24 Dec 2019 10:51

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
65	100	37916		
67	53.5	0.0	106.2	

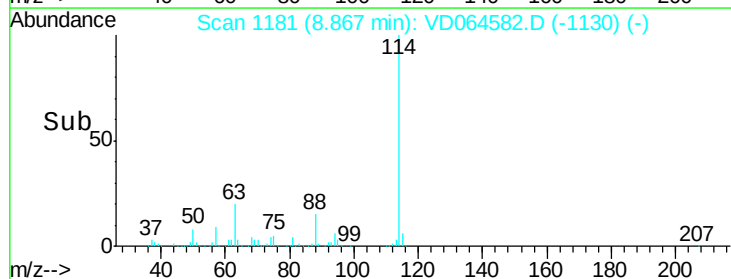
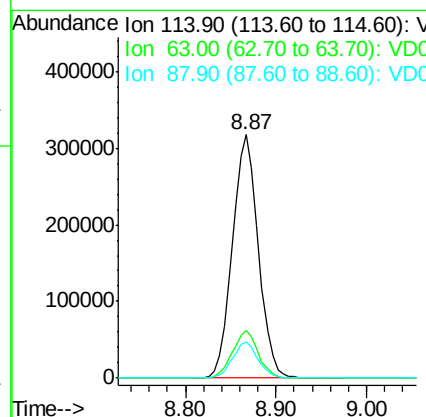
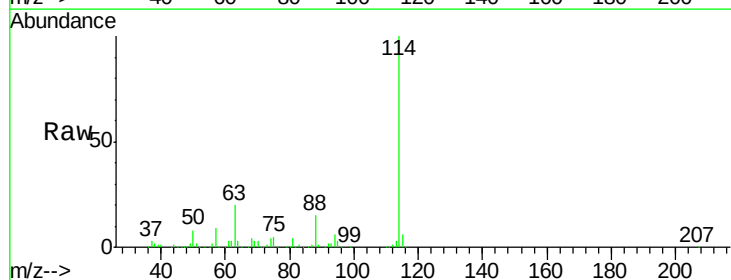
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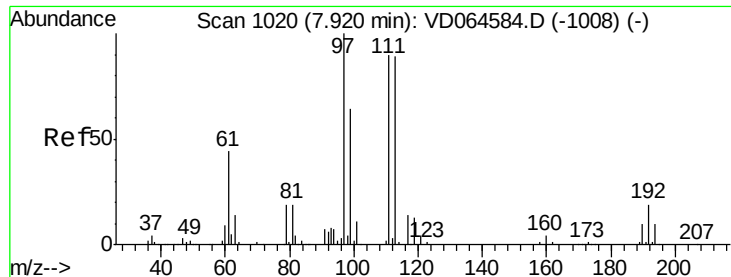
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064582.D
 Acq: 24 Dec 2019 10:51

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	630837		
63	19.6	0.0	38.0	
88	14.9	0.0	29.2	





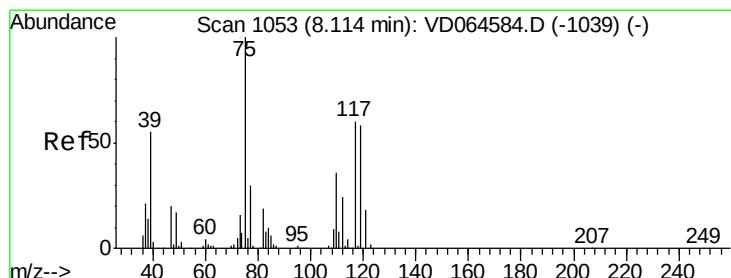
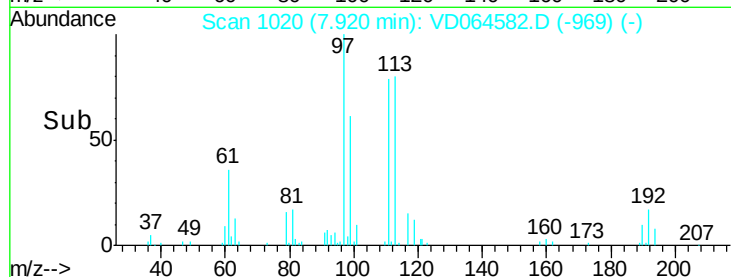
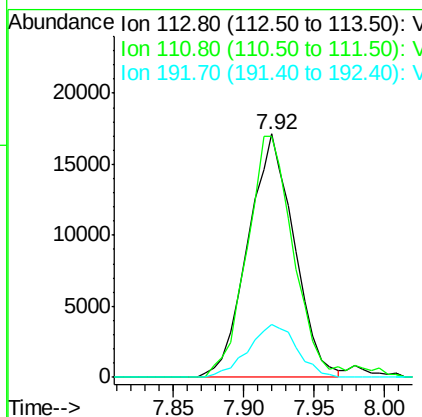
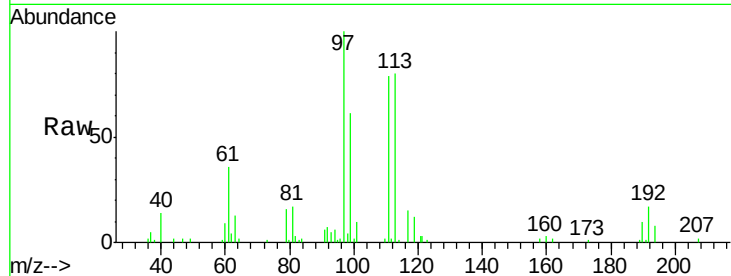
#35
Dibromofluoromethane
Concen: 9.860 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD064582.D
Acq: 24 Dec 2019 10:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
113	100		
111	98.9	80.6	121.0
192	22.8	17.9	26.9

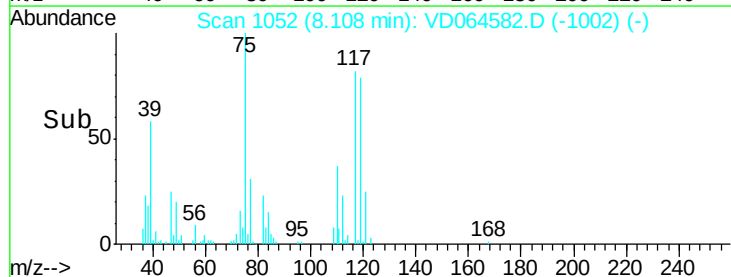
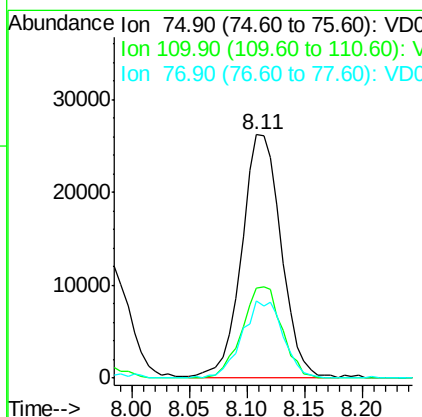
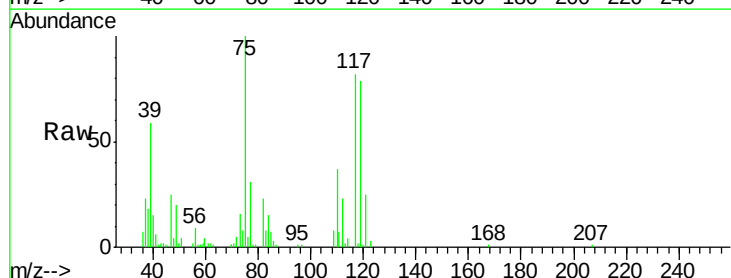
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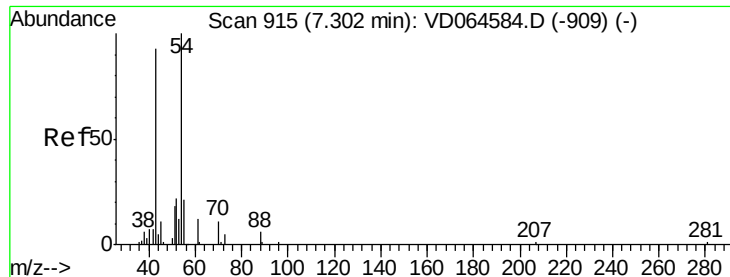
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#36
1,1-Dichloropropene
Concen: 10.407 ug/l
RT: 8.11 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VD064582.D
Acq: 24 Dec 2019 10:51

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.5	18.1	54.1
77	33.0	24.2	36.4





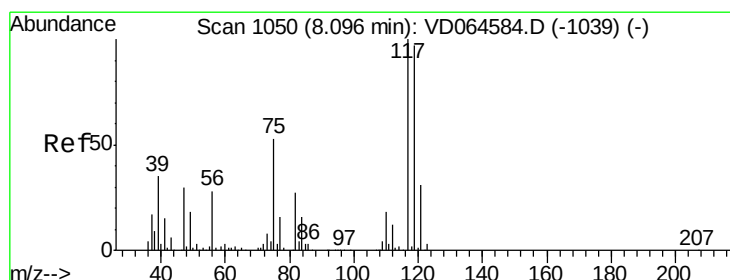
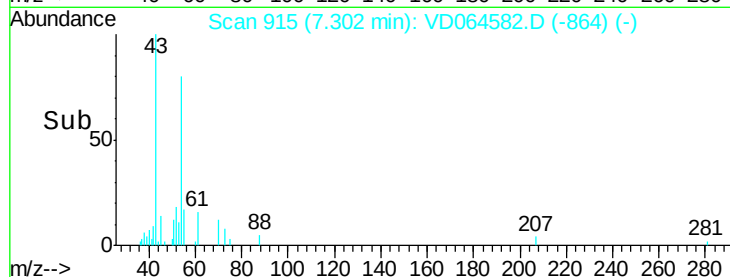
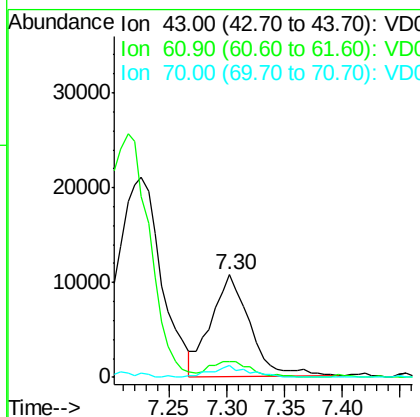
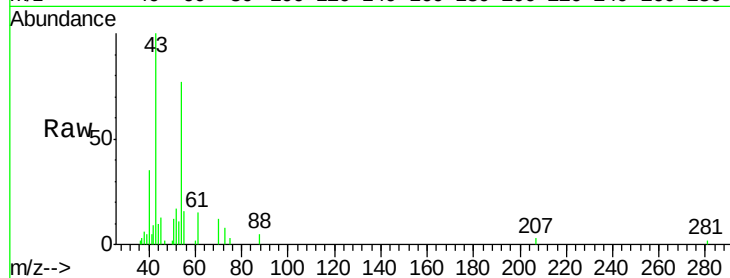
#37
Ethyl Acetate
Concen: 9.960 ug/l
RT: 7.30 min Scan# 915
Delta R.T. -0.00 min
Lab File: VD064582.D
Acq: 24 Dec 2019 10:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
43	100		
61	17.0	10.3	15.5#
70	10.9	7.6	11.4

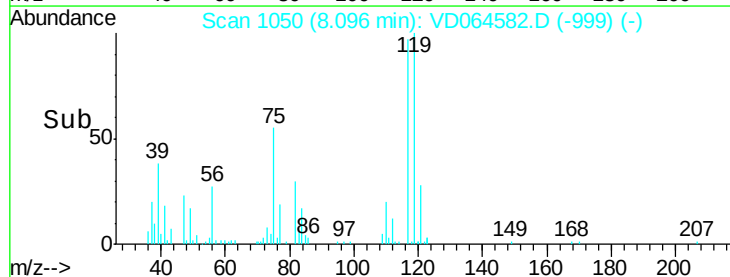
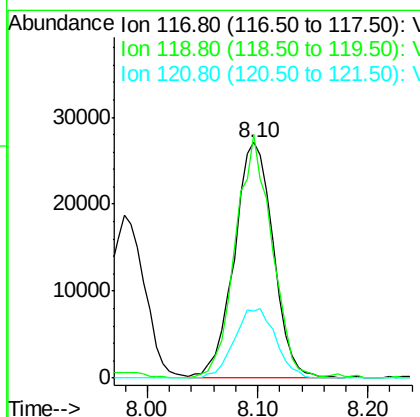
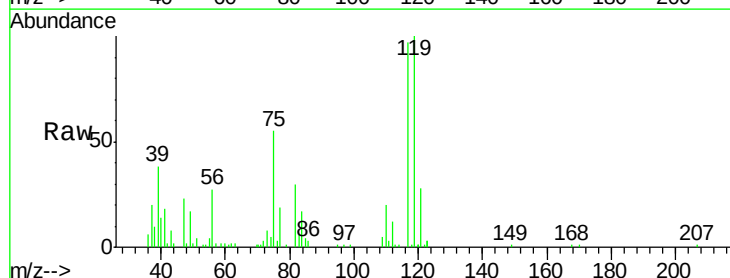
Manual Integrations
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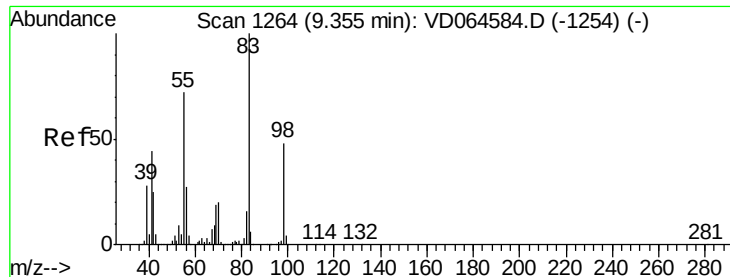
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#38
Carbon Tetrachloride
Concen: 10.669 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD064582.D
Acq: 24 Dec 2019 10:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	103.3	77.3	115.9
121	28.6	25.0	37.6





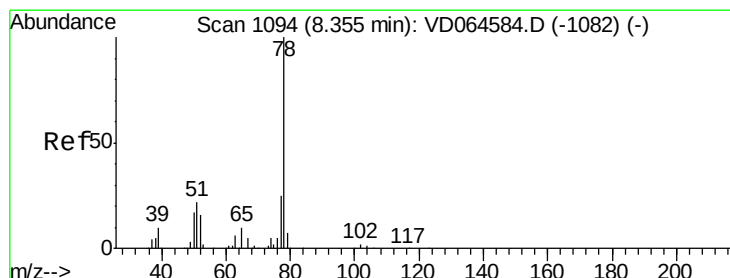
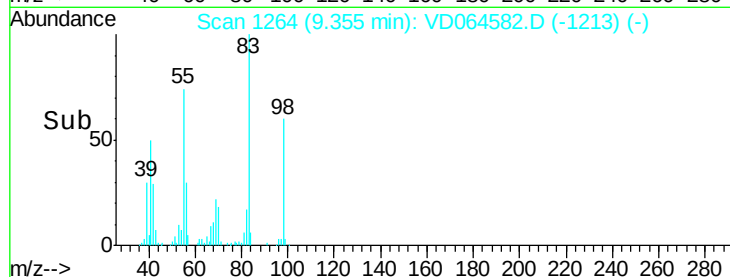
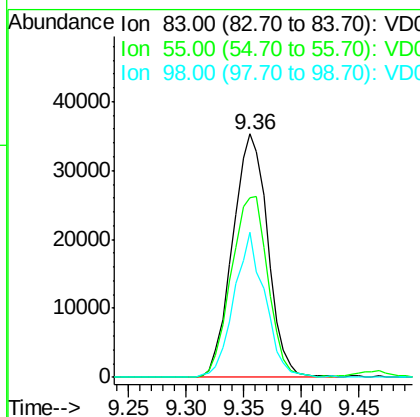
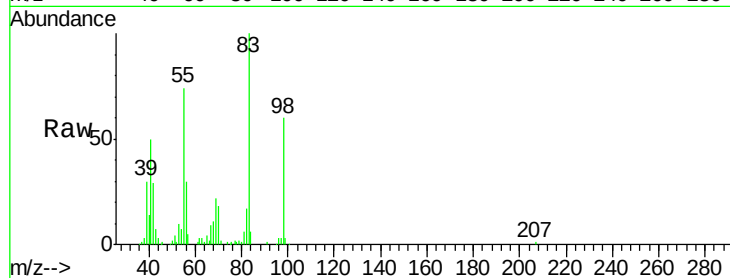
#39
Methylvlcyclohexane
Concen: 10.100 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD064582.D
Acq: 24 Dec 2019 10:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.9	57.8	86.6
98	59.5	38.7	58.1#

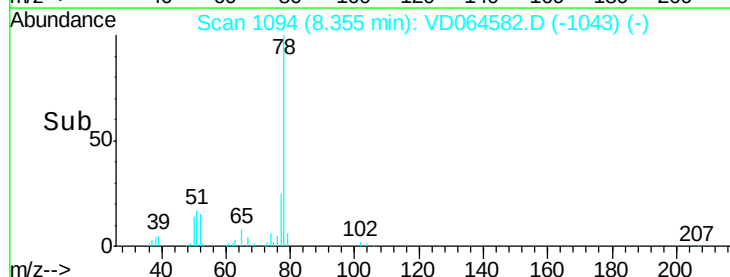
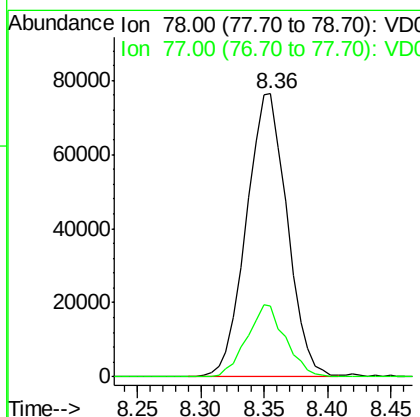
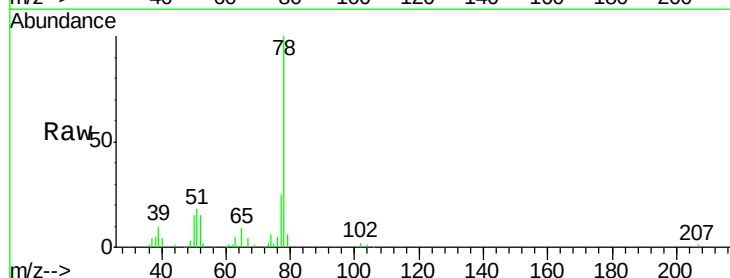
Manual Integrations
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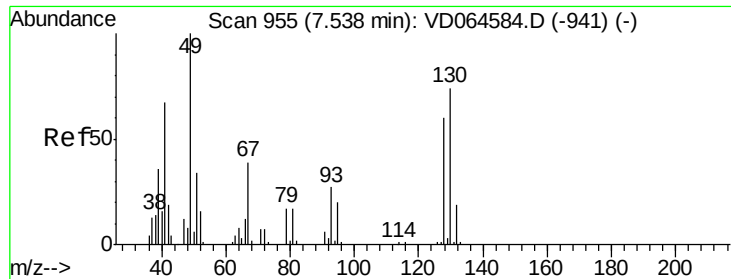
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#40
Benzene
Concen: 10.368 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. -0.00 min
Lab File: VD064582.D
Acq: 24 Dec 2019 10:51

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.0	19.9	29.9





#41

Methacrylonitrile

Concen: 9.555 ug/l

RT: 7.53 min Scan# 953

Delta R.T. -0.01 min

Lab File: VD064582.D

Acq: 24 Dec 2019 10:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tot Ion: 41 Resp: 13637

Ion Ratio Lower Upper

41 100

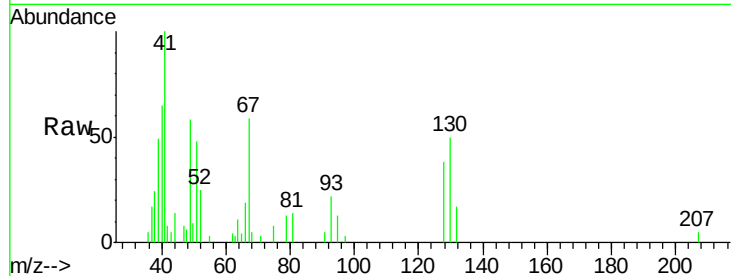
39 73.1 46.7 70.1#

67 75.5 52.5 78.7

52 36.6 24.1 36.1#

Manual Integrations
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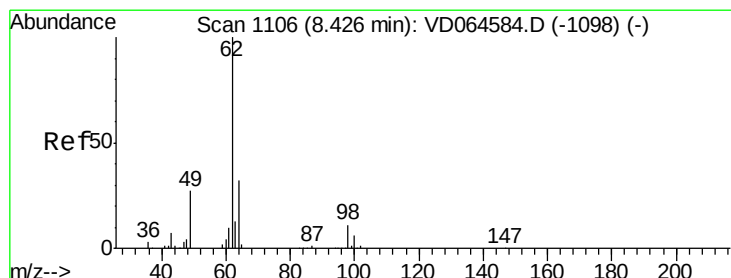
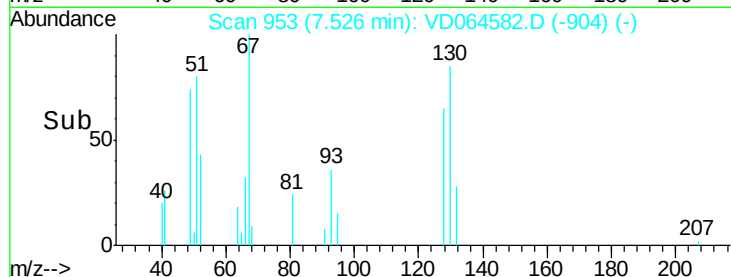
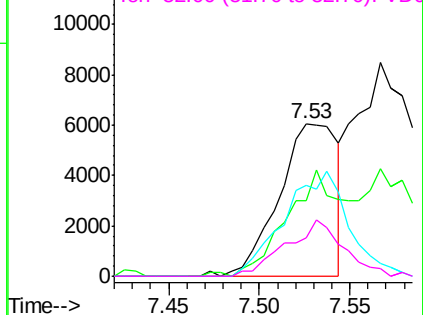


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 10.298 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VD064582.D

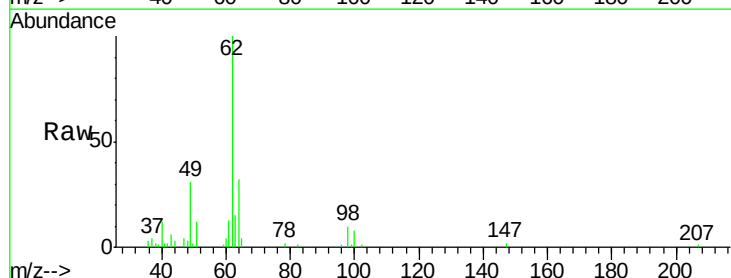
Acq: 24 Dec 2019 10:51

Tgt Ion: 62 Resp: 49754

Ion Ratio Lower Upper

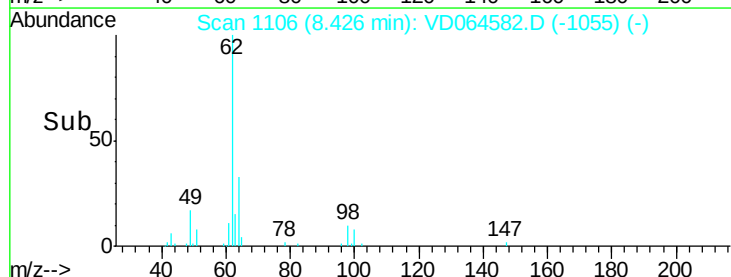
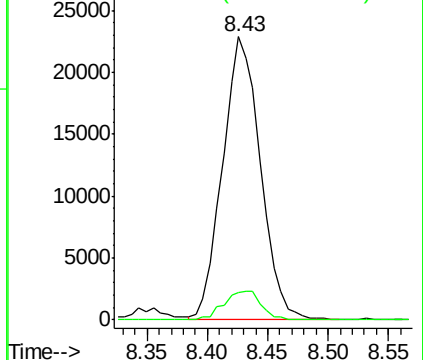
62 100

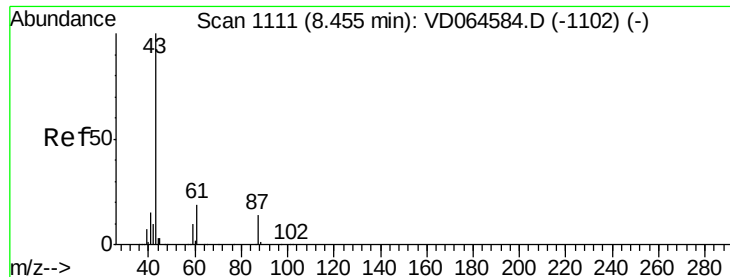
98 10.0 0.0 20.0



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 9.927 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VD064582.D

Acq: 24 Dec 2019 10:51

Instrument :

MSVOA_D

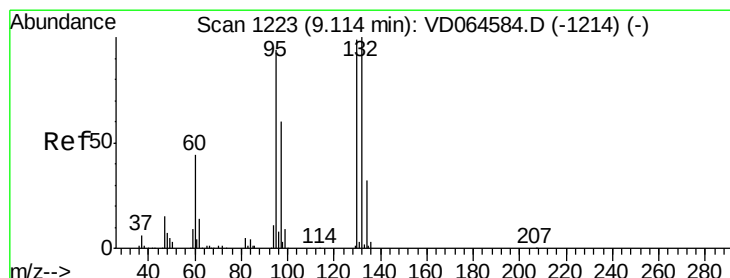
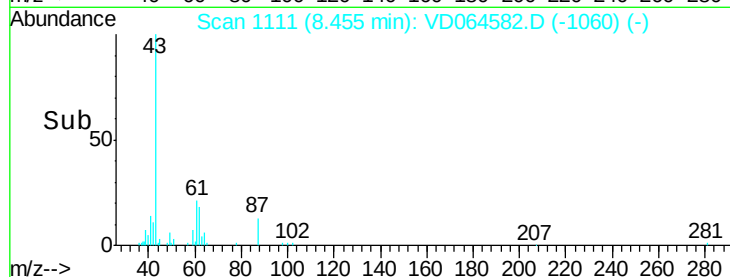
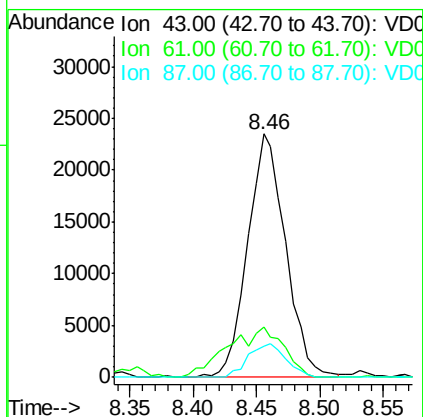
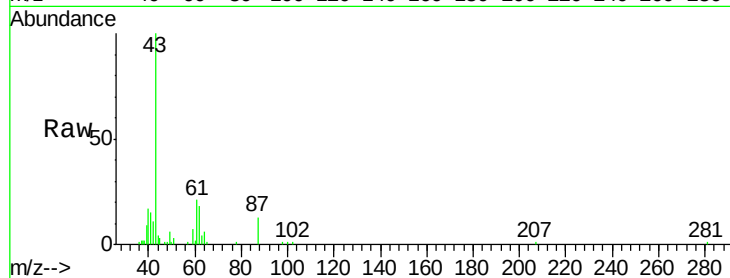
ClientSampleId :

VSTDIC010

Tot Ion:	43	Resp:	49084
Ion	Ratio	Lower	Upper
43	100		
61	30.2	23.7	35.5
87	13.7	10.5	15.7

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#44

Trichloroethene

Concen: 10.194 ug/l

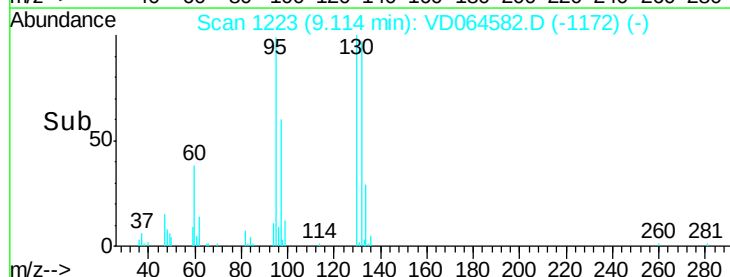
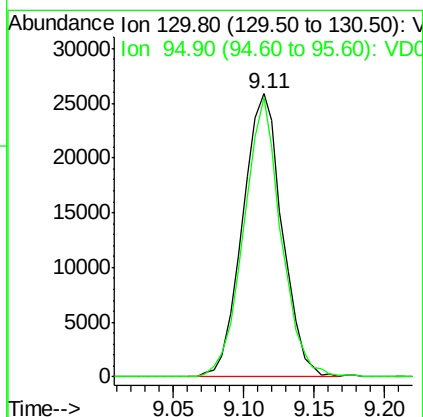
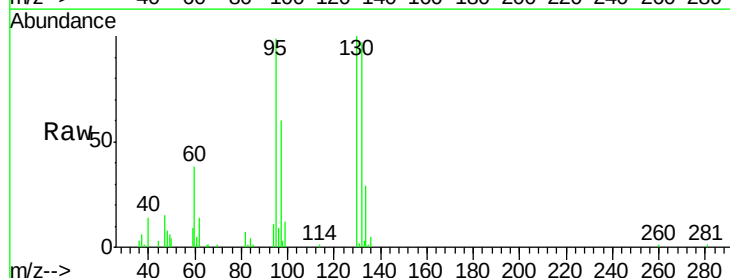
RT: 9.11 min Scan# 1223

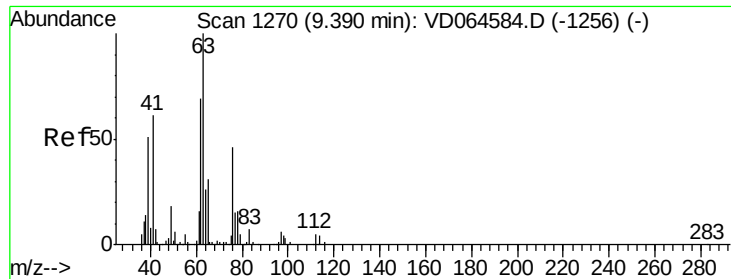
Delta R.T. -0.00 min

Lab File: VD064582.D

Acq: 24 Dec 2019 10:51

Tgt Ion:	130	Resp:	50831
Ion	Ratio	Lower	Upper
130	100		
95	98.8	0.0	190.2





#45

1,2-Dichloropropane

Concen: 10.517 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VD064582.D

Acq: 24 Dec 2019 10:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tot Ion: 63 Resp: 41514

Ion Ratio Lower Upper

63 100

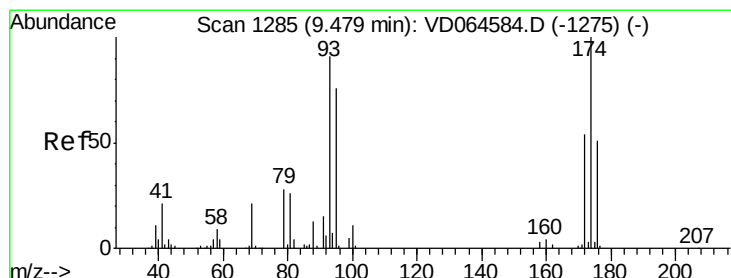
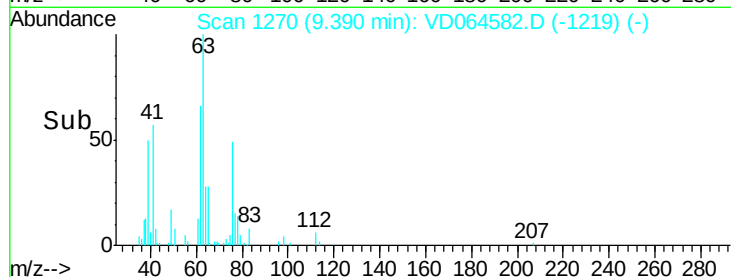
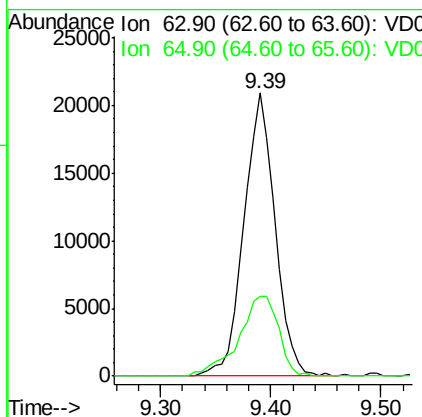
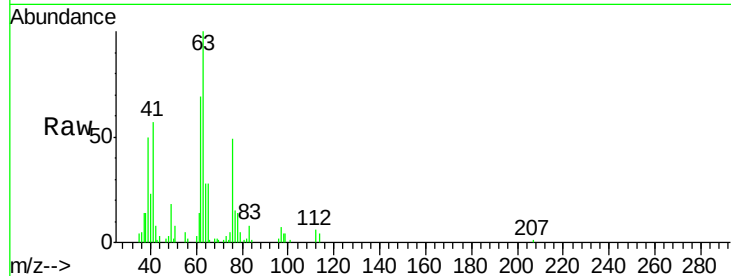
65 28.4 25.2 37.8

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#46

Dibromomethane

Concen: 10.320 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. -0.00 min

Lab File: VD064582.D

Acq: 24 Dec 2019 10:51

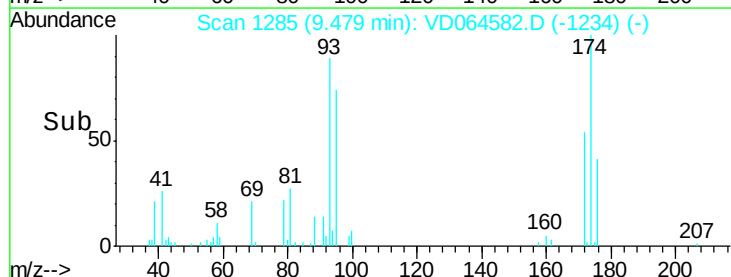
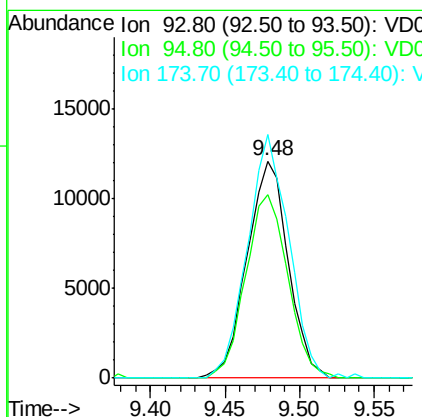
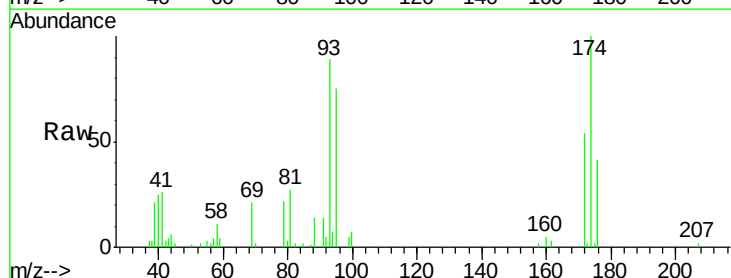
Tgt Ion: 93 Resp: 23070

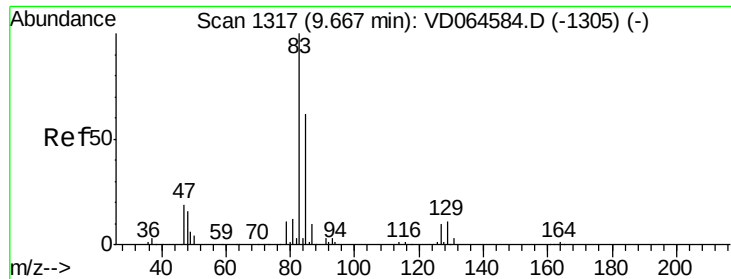
Ion Ratio Lower Upper

93 100

95 86.7 64.6 97.0

174 112.7 88.1 132.1





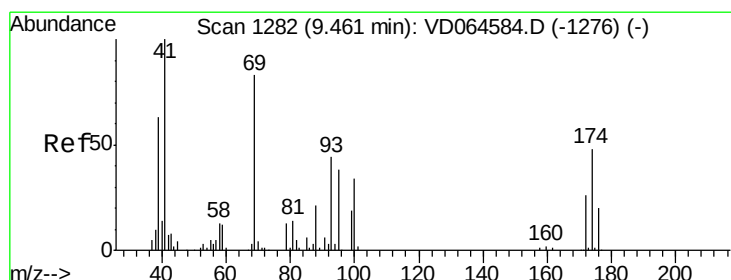
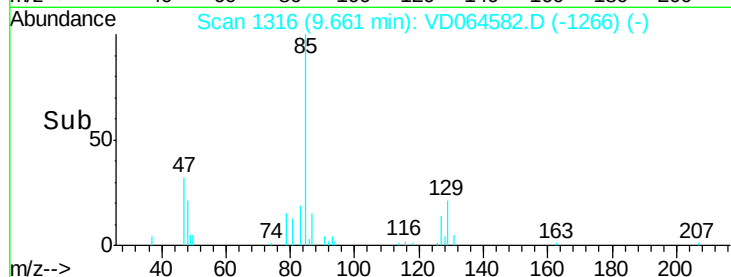
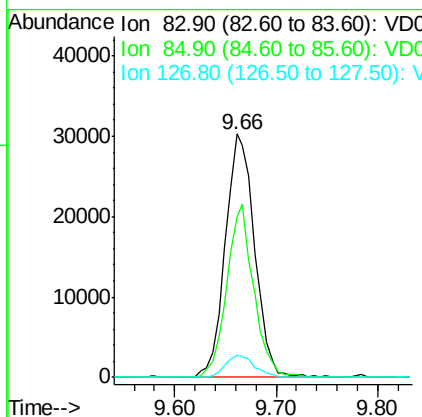
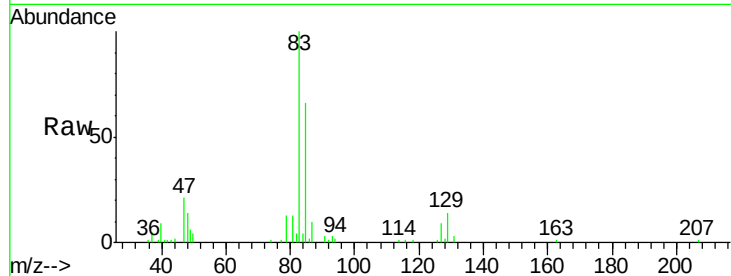
#47
Bromodichloromethane
Concen: 10.514 ug/l
RT: 9.66 min Scan# 1316
Delta R.T. -0.01 min
Lab File: VD064582.D
Acq: 24 Dec 2019 10:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion	83	Resp	60489
Ion Ratio	100	Lower	Upper
85	65.7	49.5	74.3
127	8.9	7.8	11.6

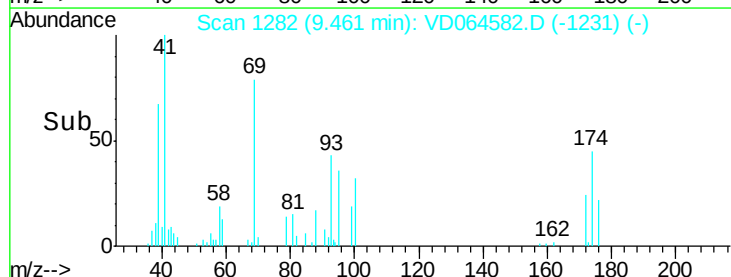
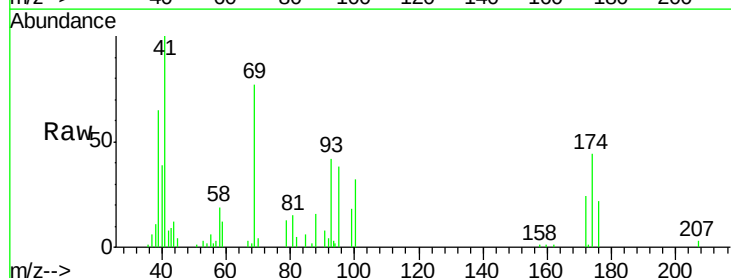
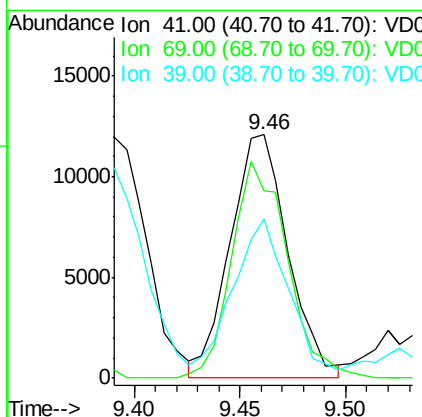
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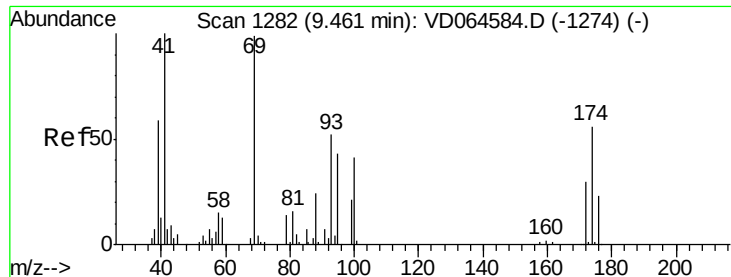
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#48
Methyl methacrylate
Concen: 10.023 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. -0.00 min
Lab File: VD064582.D
Acq: 24 Dec 2019 10:51

Tgt Ion	41	Resp	22996
Ion Ratio	100	Lower	Upper
69	85.5	63.0	94.6
39	58.0	47.4	71.2





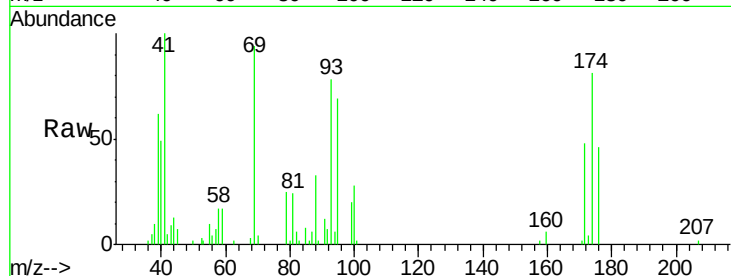
#49
1,4-Dioxane
Concen: 205.127 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. 0.01 min
Lab File: VD064582.D
Acq: 24 Dec 2019 10:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

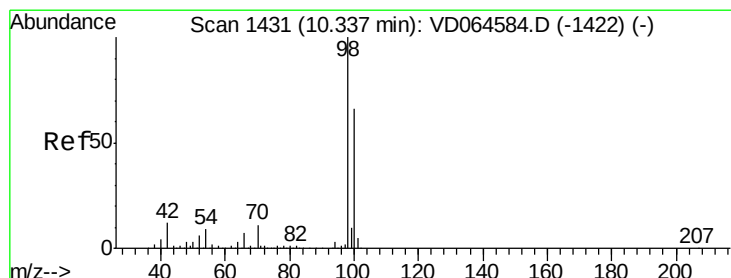
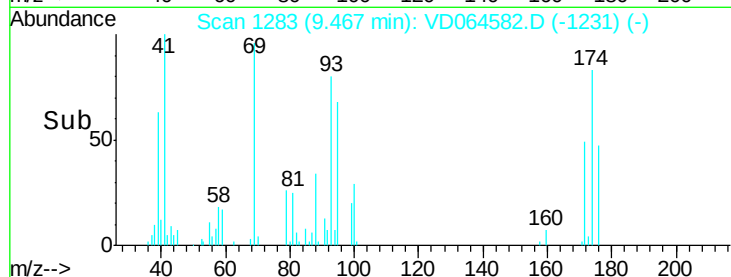
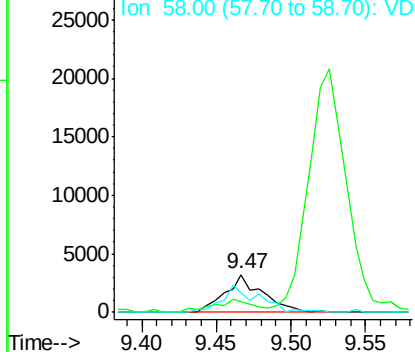
Tot Ion	Ratio	Lower	Upper
88	100		
43	37.5	27.7	41.5
58	69.6	53.8	80.6

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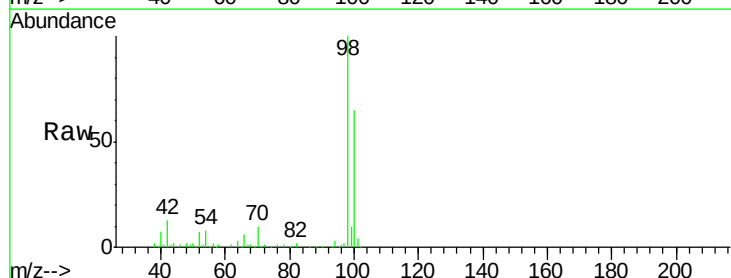


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

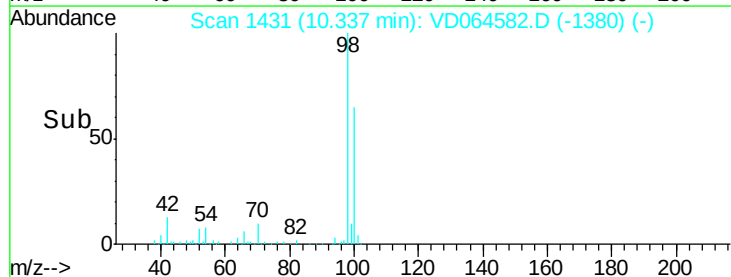
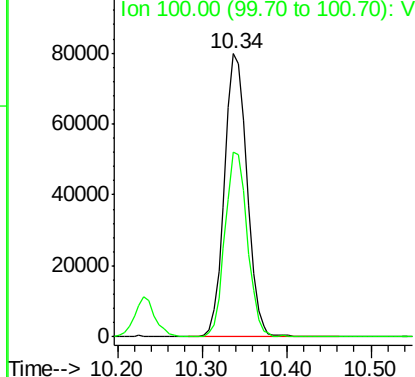


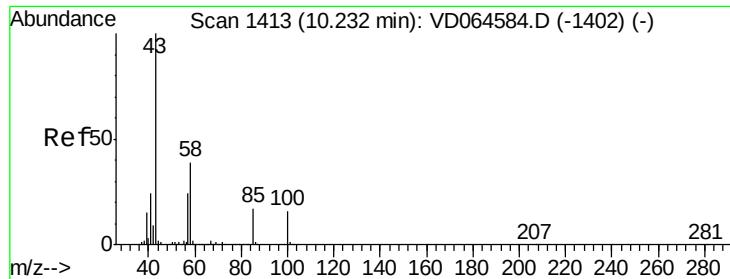
#50
Toluene-d8
Concen: 9.755 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD064582.D
Acq: 24 Dec 2019 10:51

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.7	77.5



Abundance Ion 98.00 (97.70 to 98.70): VDC
Ion 100.00 (99.70 to 100.70): VDC





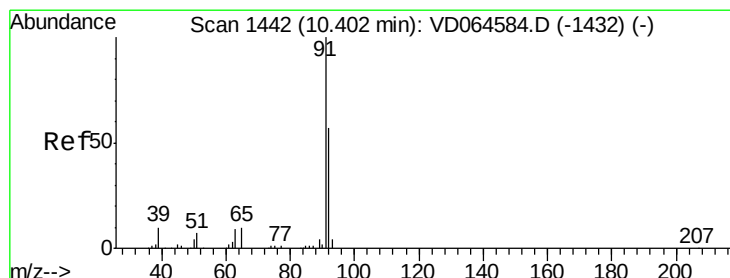
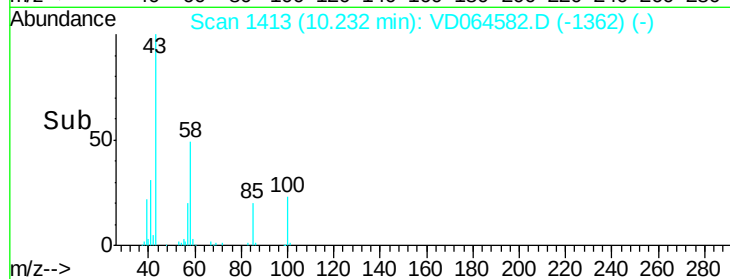
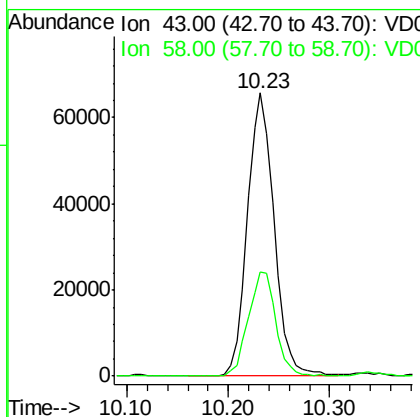
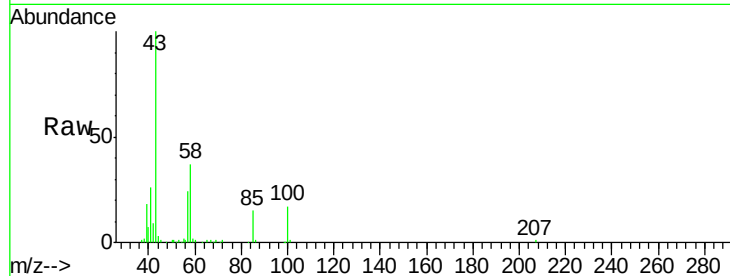
#51
4-Methyl-2-Pentanone
Concen: 49.141 ug/l
RT: 10.23 min Scan# 1413
Delta R.T. -0.00 min
Lab File: VD064582.D
Acq: 24 Dec 2019 10:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
43	100		
58	37.6	30.2	45.2

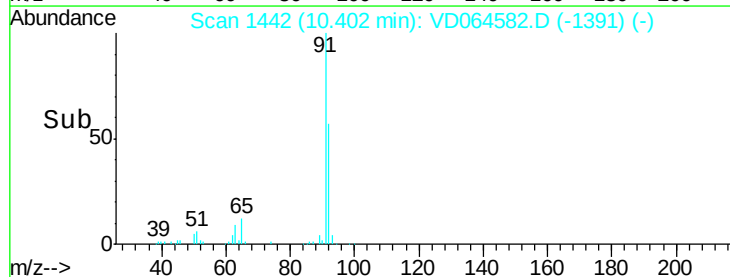
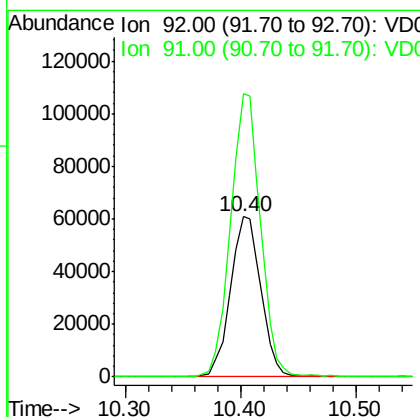
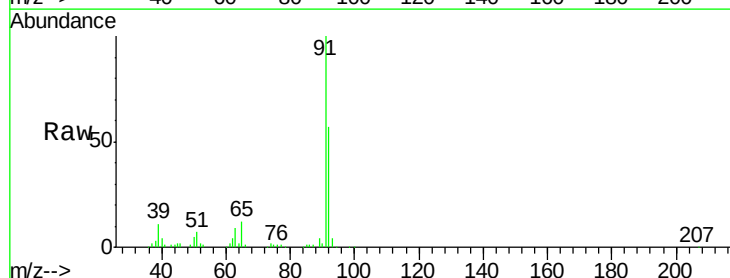
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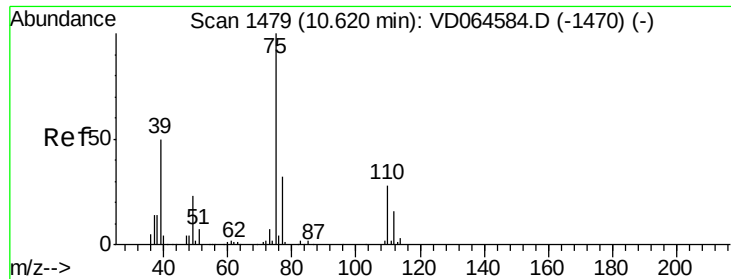
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#52
Toluene
Concen: 10.232 ug/l
RT: 10.40 min Scan# 1442
Delta R.T. -0.00 min
Lab File: VD064582.D
Acq: 24 Dec 2019 10:51

Tgt Ion	Ratio	Lower	Upper
92	100		
91	173.6	138.7	208.1





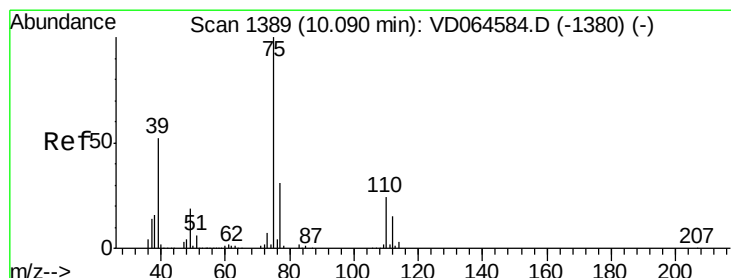
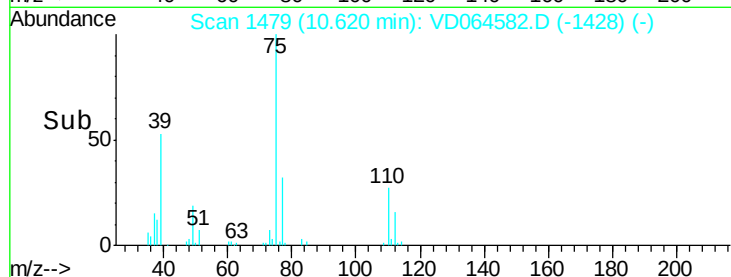
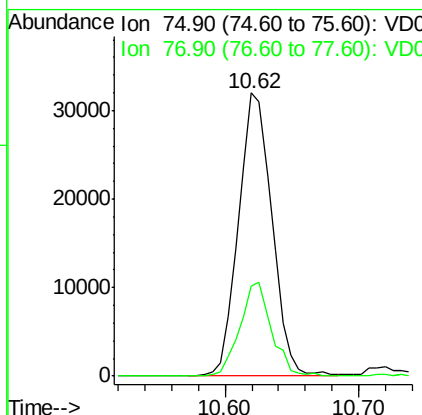
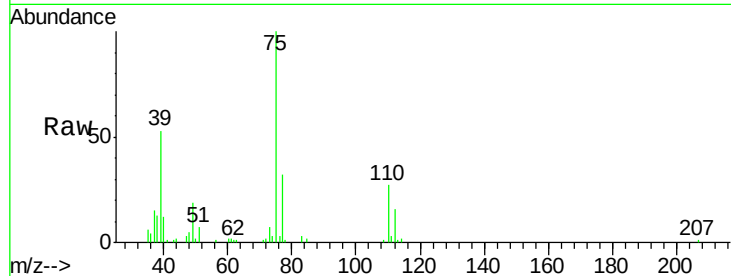
#53
t-1,3-Dichloropropene
Concen: 10.166 ug/l
RT: 10.62 min Scan# 1479
Delta R.T. -0.00 min
Lab File: VD064582.D
Acq: 24 Dec 2019 10:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.4	38.2

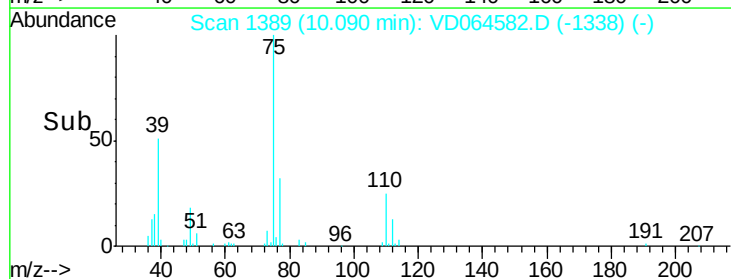
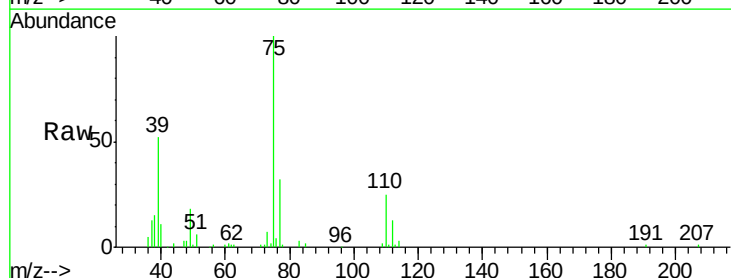
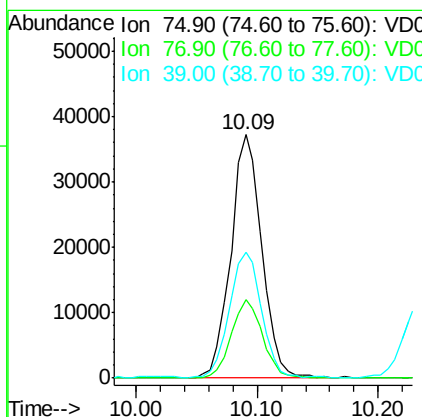
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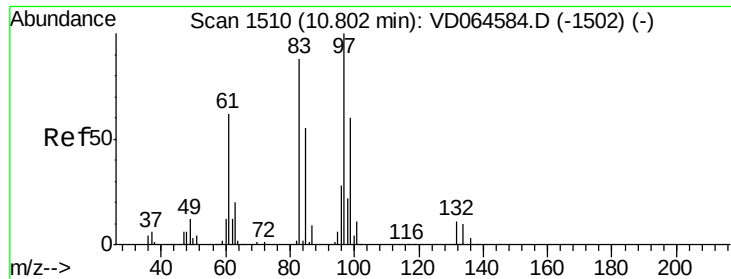
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#54
cis-1,3-Dichloropropene
Concen: 10.217 ug/l
RT: 10.09 min Scan# 1389
Delta R.T. -0.00 min
Lab File: VD064582.D
Acq: 24 Dec 2019 10:51

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.1	24.6	36.8
39	51.5	41.4	62.2





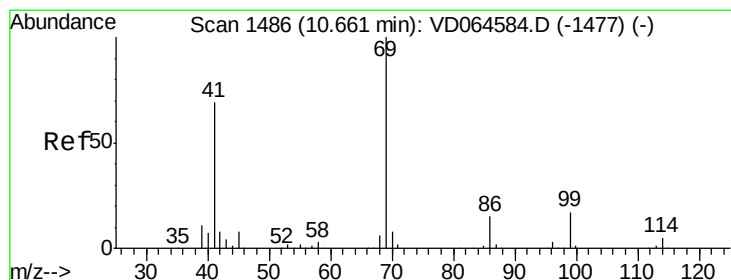
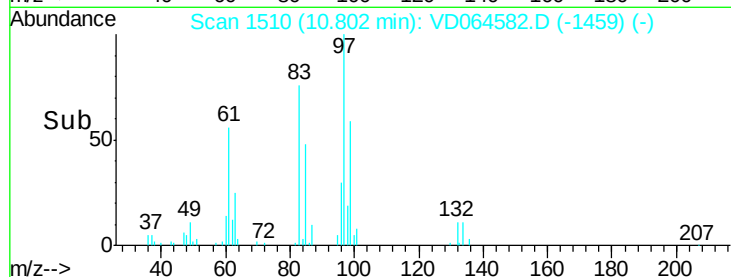
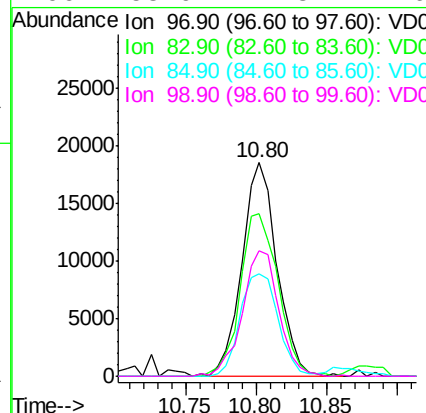
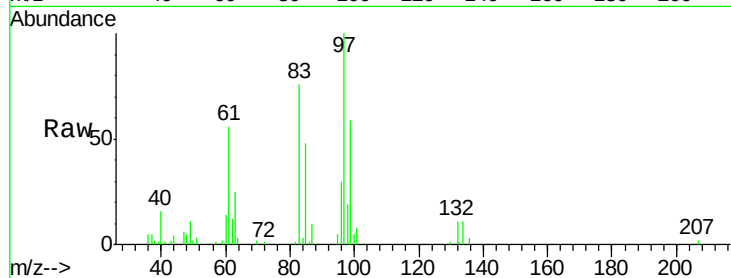
#55
 1,1,2-Trichloroethane
 Concen: 10.569 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD064582.D
 Acq: 24 Dec 2019 10:51

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
97	100		
83	76.3	70.2	105.4
85	47.9	44.0	66.0
99	58.9	47.8	71.6

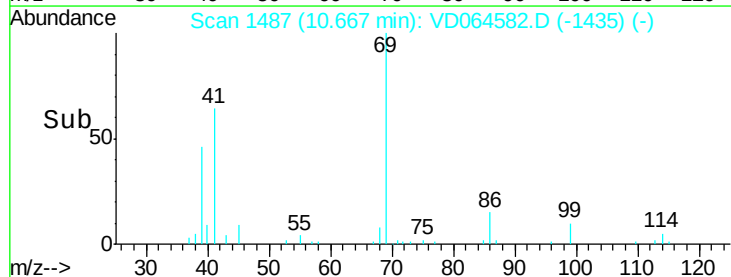
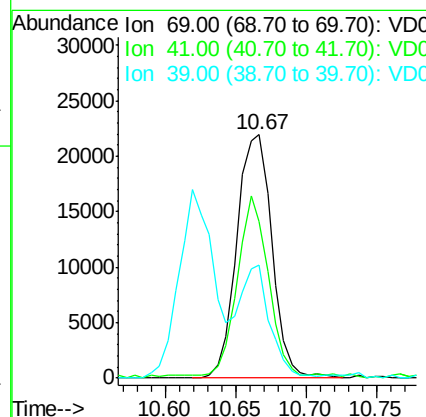
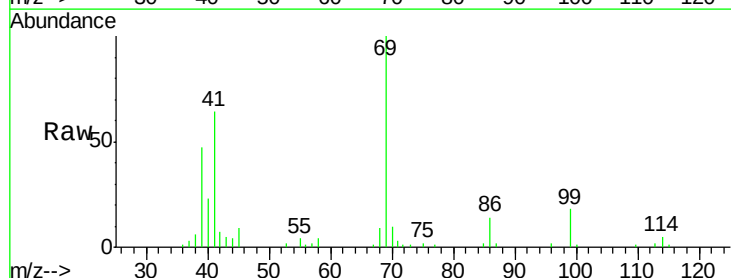
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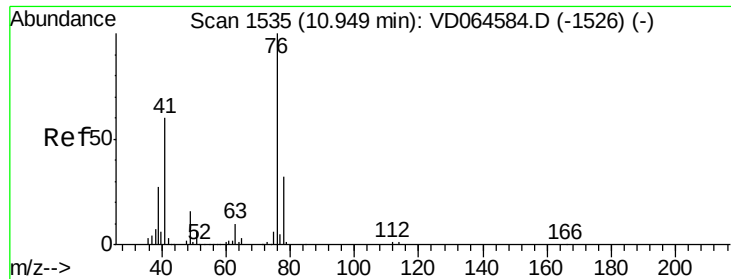
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#56
 Ethyl methacrylate
 Concen: 9.873 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.01 min
 Lab File: VD064582.D
 Acq: 24 Dec 2019 10:51

Tgt Ion	Ratio	Lower	Upper
69	100		
41	64.4	55.3	82.9
39	41.6	33.8	50.8





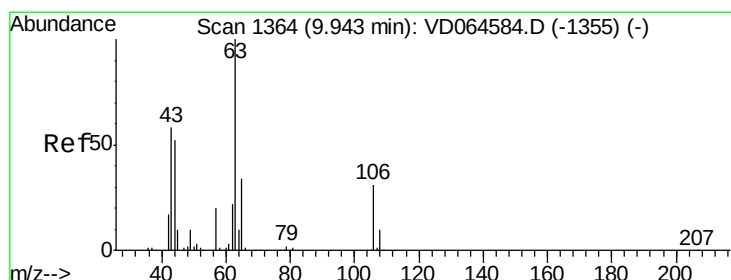
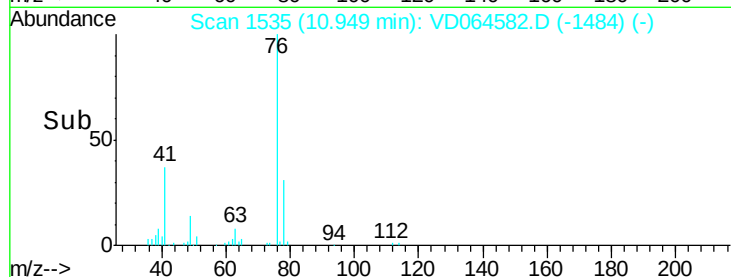
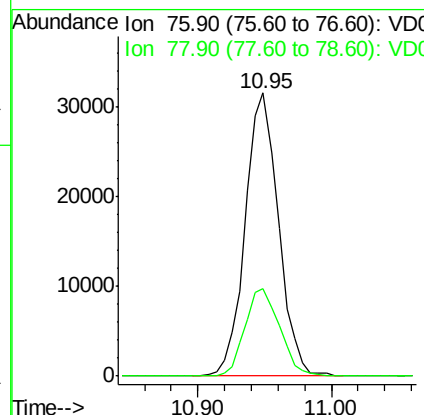
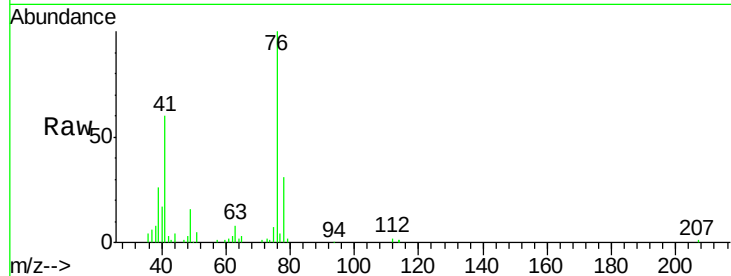
#57
 1,3-Dichloropropane
 Concen: 10.406 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VD064582.D
 Acq: 24 Dec 2019 10:51

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Tot Ion: 76 Resp: 54190
 Ion Ratio Lower Upper
 76 100
 78 32.2 26.2 39.4

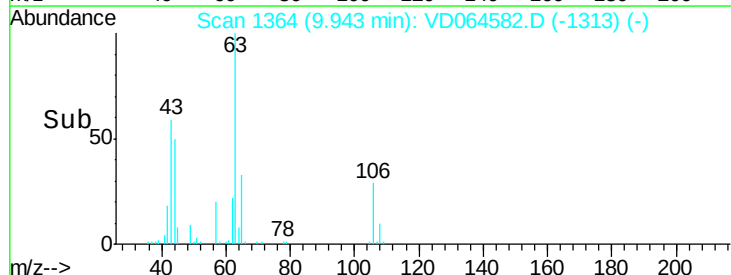
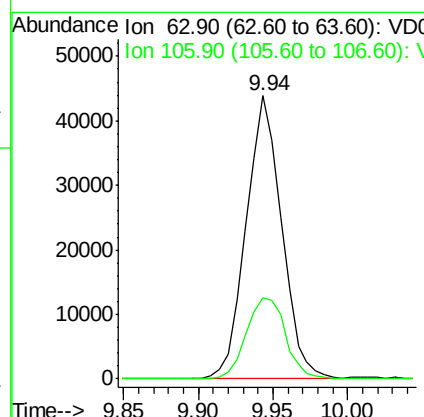
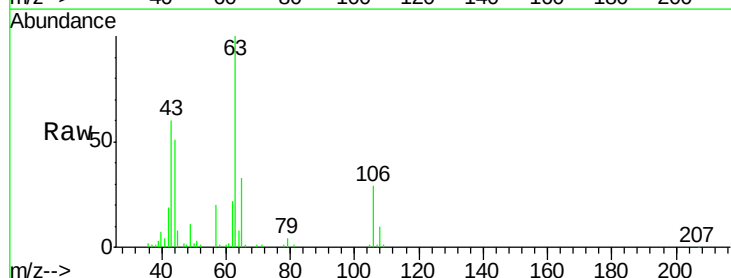
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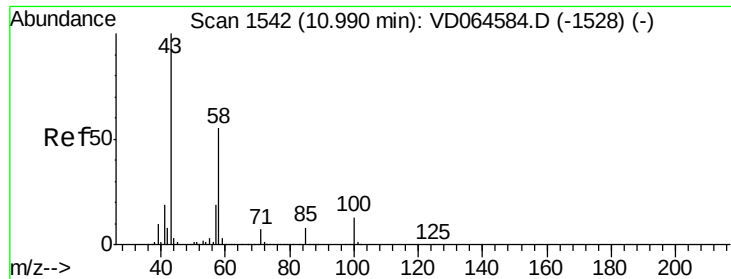
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#58
 2-Chloroethyl Vinyl ether
 Concen: 47.093 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: VD064582.D
 Acq: 24 Dec 2019 10:51

Tgt Ion: 63 Resp: 72430
 Ion Ratio Lower Upper
 63 100
 106 31.4 23.8 35.8





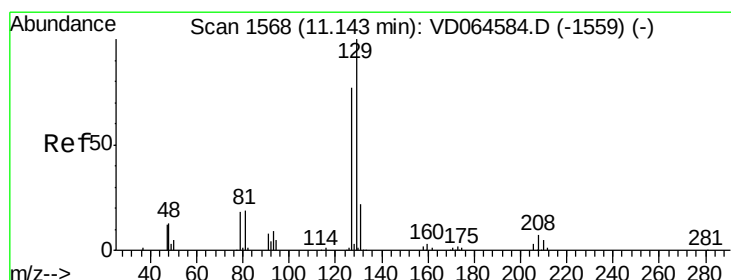
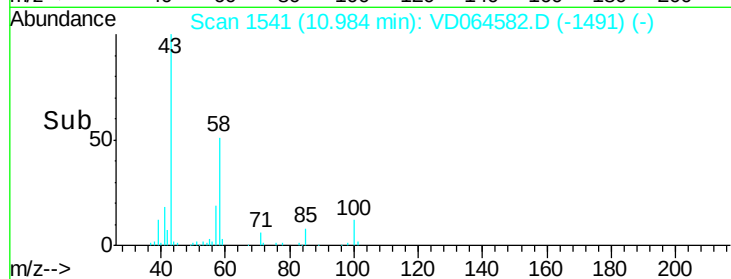
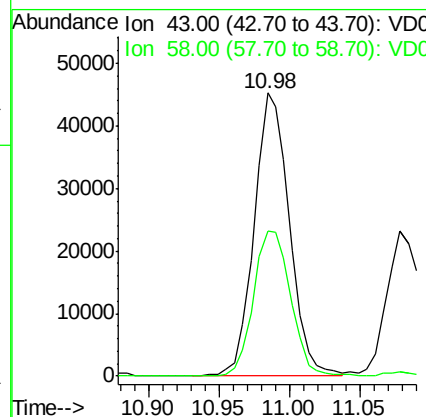
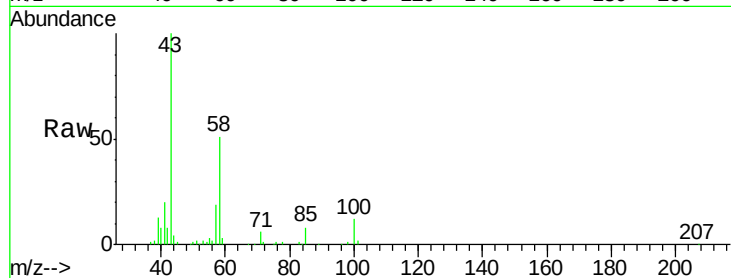
#59
2-Hexanone
Concen: 46.761 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.01 min
Lab File: VD064582.D
Acq: 24 Dec 2019 10:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion: 43 Resp: 79451
Ion Ratio Lower Upper
43 100
58 54.0 26.4 79.0

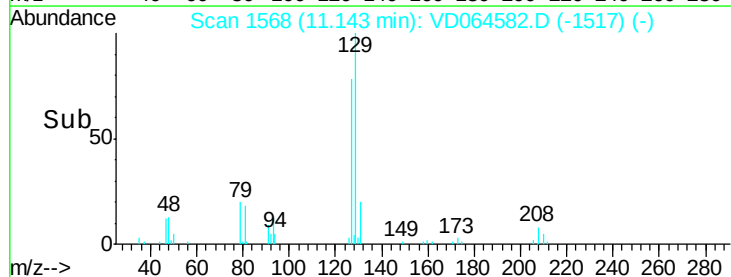
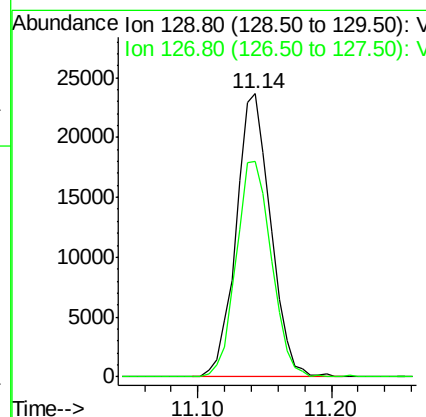
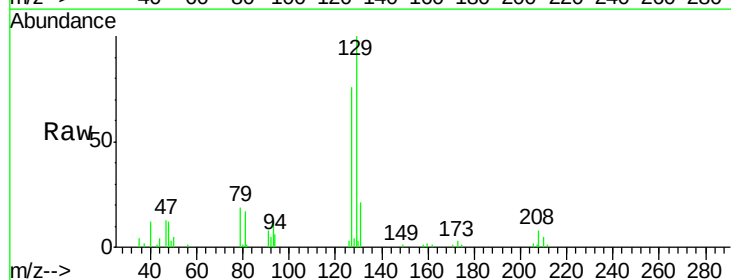
Manual Integrations
APPROVED

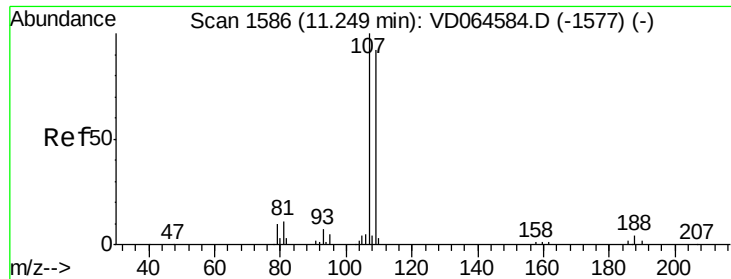
apatel
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#60
Dibromochloromethane
Concen: 10.229 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD064582.D
Acq: 24 Dec 2019 10:51

Tgt Ion: 129 Resp: 42449
Ion Ratio Lower Upper
129 100
127 77.7 38.4 115.2





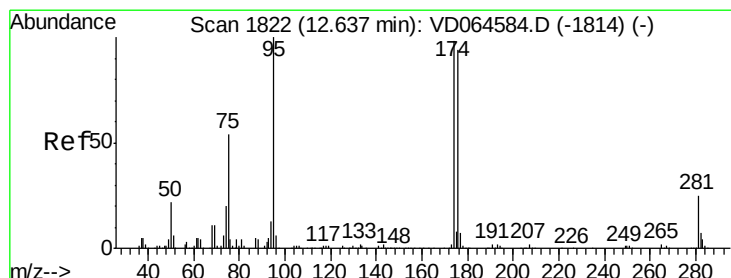
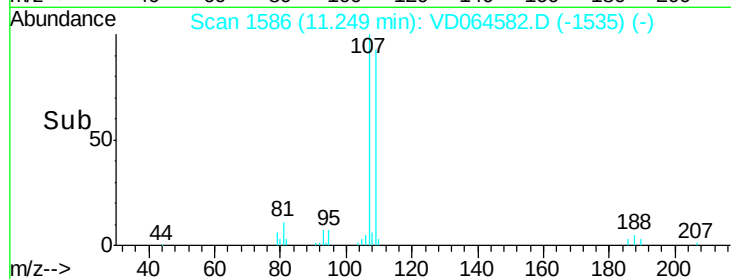
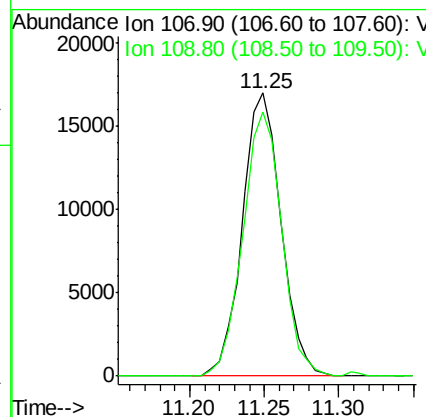
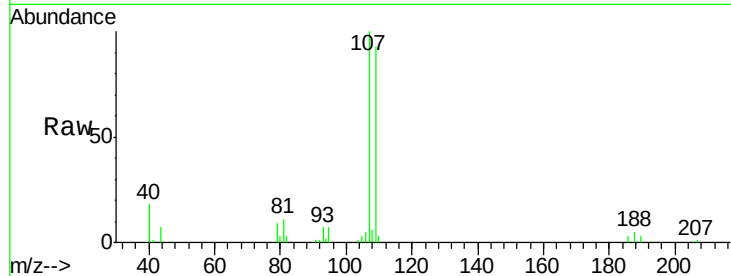
#61
 1,2-Dibromoethane
 Concen: 10.032 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD064582.D
 Acq: 24 Dec 2019 10:51

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.6	75.6	113.4

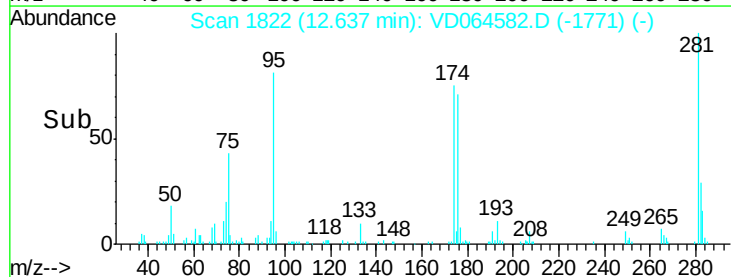
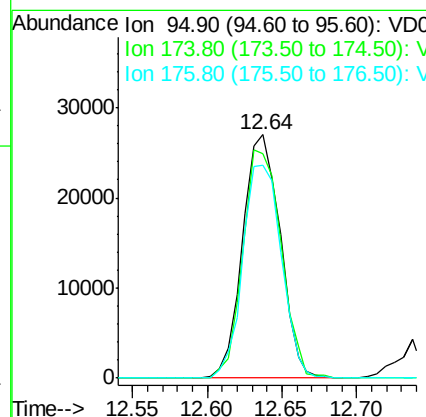
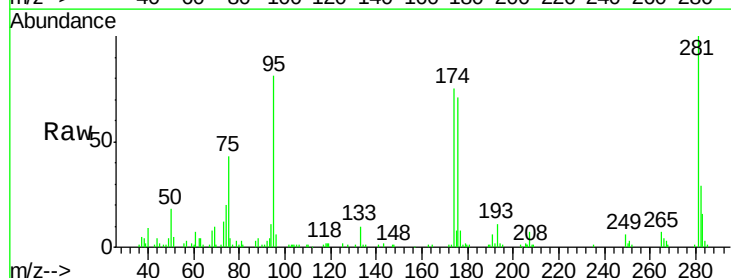
Manual Integrations
 APPROVED

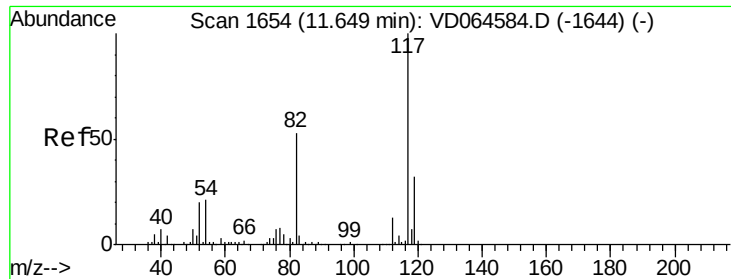
apatel
 12/26/2019 11:13:46 AM



#62
 4-Bromofluorobenzene
 Concen: 9.700 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD064582.D
 Acq: 24 Dec 2019 10:51

Tgt Ion	Ratio	Lower	Upper
95	100		
174	95.4	0.0	193.2
176	90.4	0.0	184.2





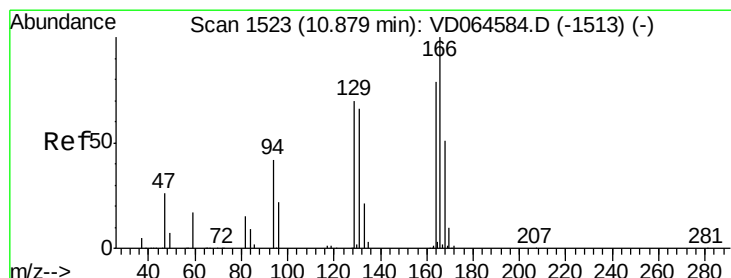
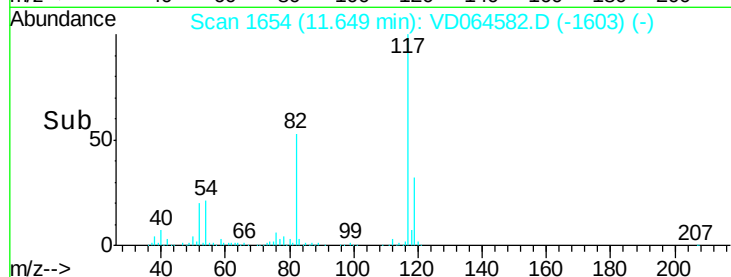
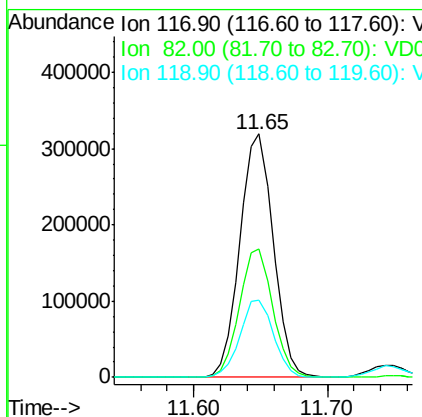
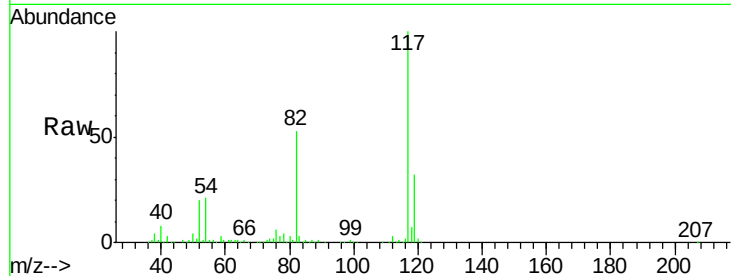
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064582.D
Acq: 24 Dec 2019 10:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.9	42.2	63.4
119	31.9	26.0	39.0

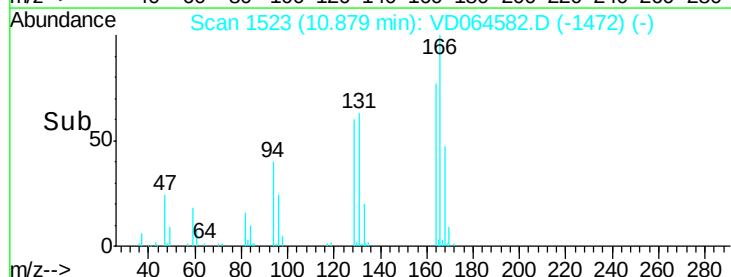
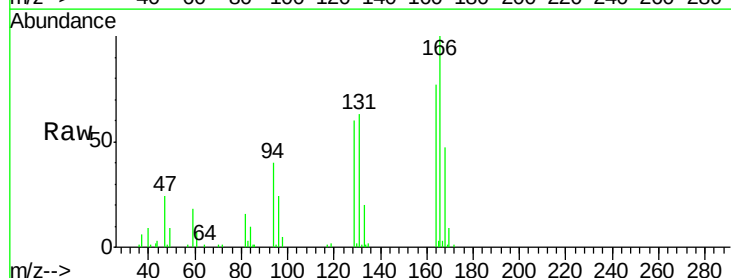
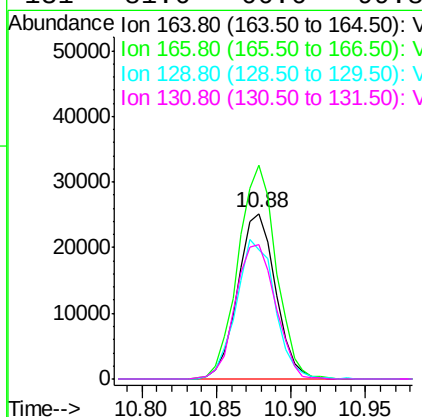
Manual Integrations
APPROVED

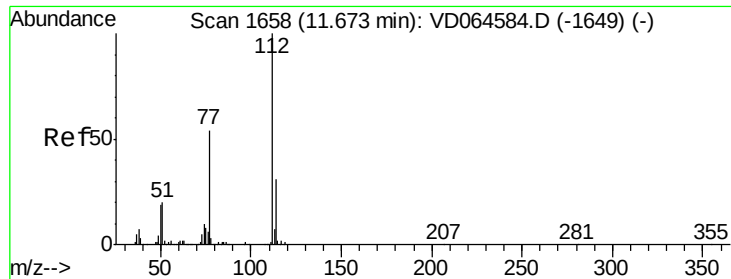
apatel
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#64
Tetrachloroethene
Concen: 10.441 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD064582.D
Acq: 24 Dec 2019 10:51

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.2	101.3	151.9
129	77.9	70.5	105.7
131	81.6	66.6	99.8





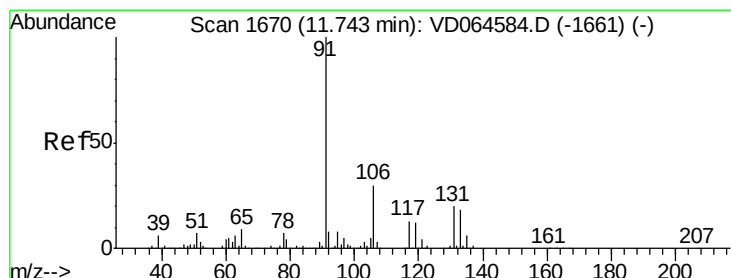
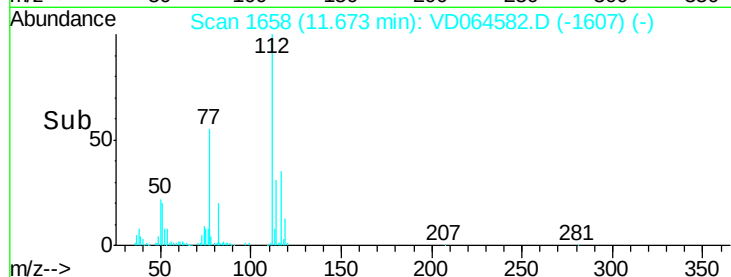
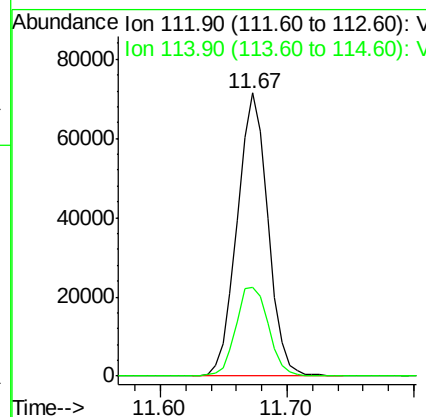
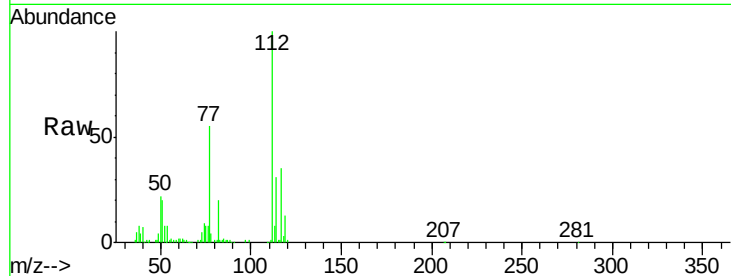
#65
Chlorobenzene
Concen: 10.298 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD064582.D
Acq: 24 Dec 2019 10:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.2	24.8	37.2

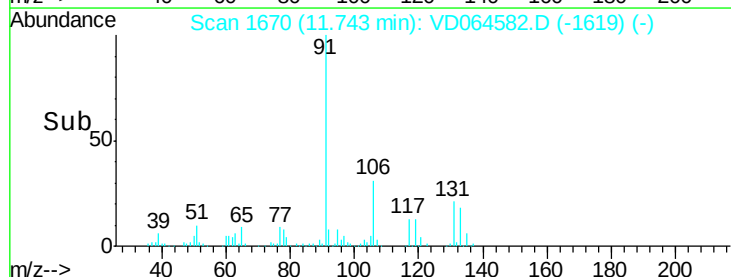
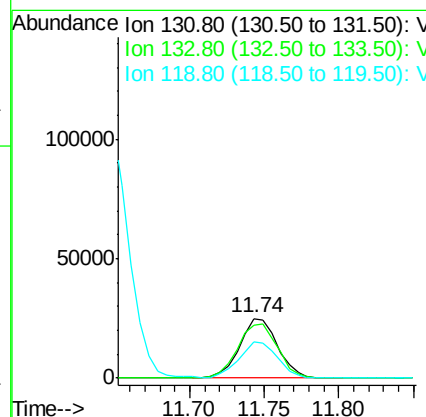
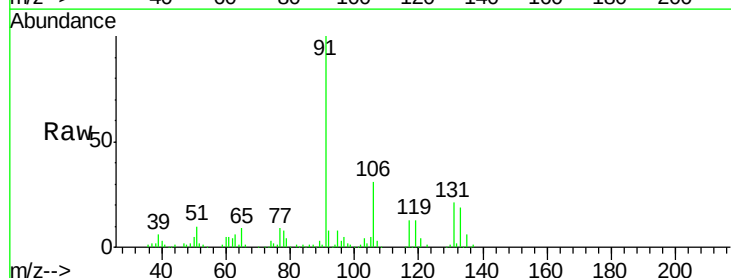
Manual Integrations
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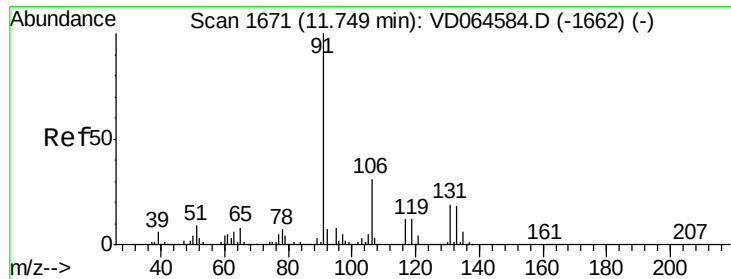
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 10.222 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD064582.D
Acq: 24 Dec 2019 10:51

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.0	48.3	144.8
119	62.7	32.1	96.3





#67

Ethyl Benzene

Concen: 10.173 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD064582.D

Acq: 24 Dec 2019 10:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tot Ion: 91 Resp: 210527

Ion Ratio Lower Upper

91 100

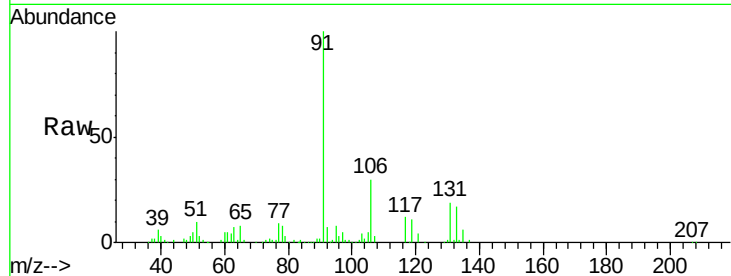
106 30.1 24.6 36.8

Manual Integrations

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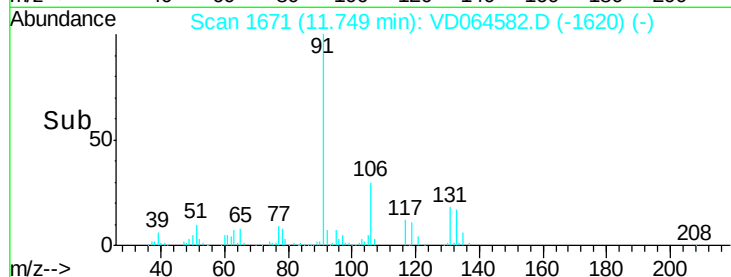


Abundance Ion 91.00 (90.70 to 91.70): V

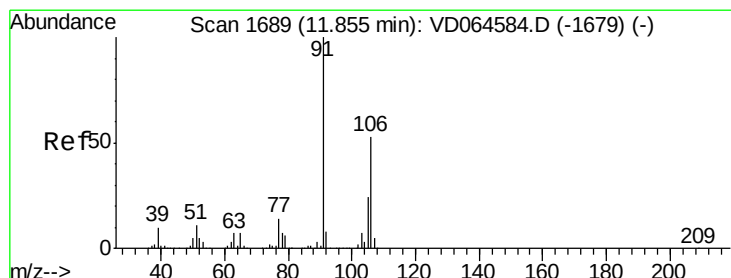
Ion 106.00 (105.70 to 106.70): V

11.75

11.70 11.75 11.80



Time-->



#68

m/p-Xylenes

Concen: 20.469 ug/l

RT: 11.85 min Scan# 1689

Delta R.T. -0.00 min

Lab File: VD064582.D

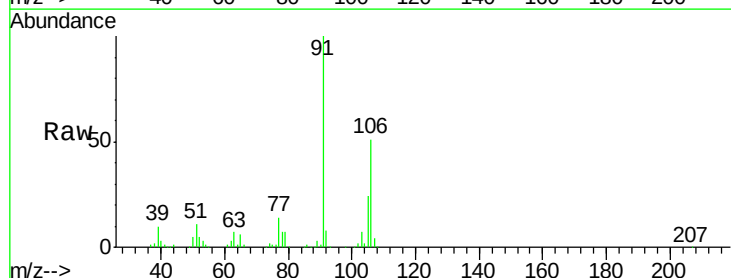
Acq: 24 Dec 2019 10:51

Tgt Ion: 106 Resp: 161970

Ion Ratio Lower Upper

106 100

91 197.1 156.3 234.5

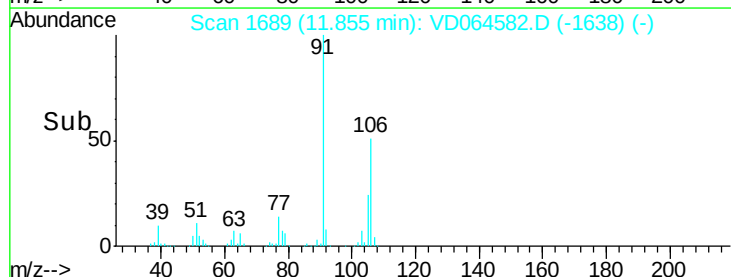


Abundance Ion 106.00 (105.70 to 106.70): V

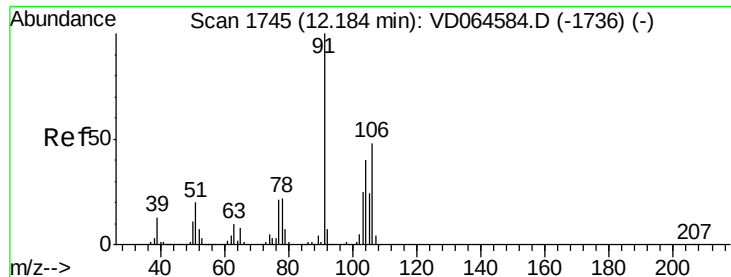
Ion 91.00 (90.70 to 91.70): V

11.85

11.80 11.85 11.90



Time-->



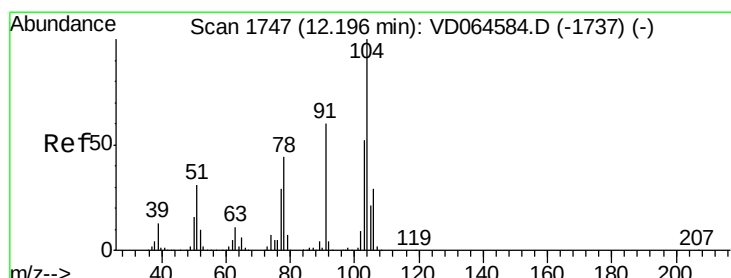
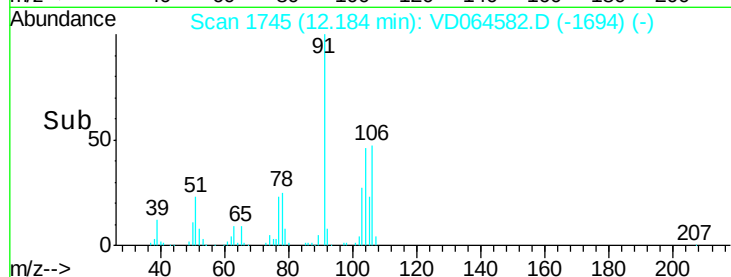
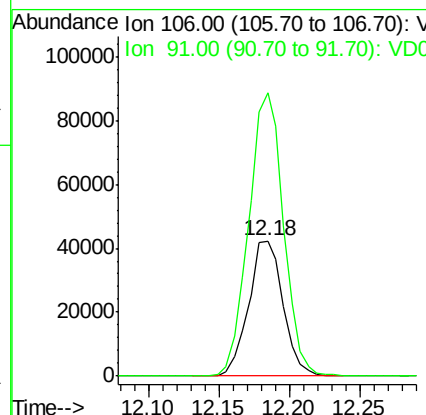
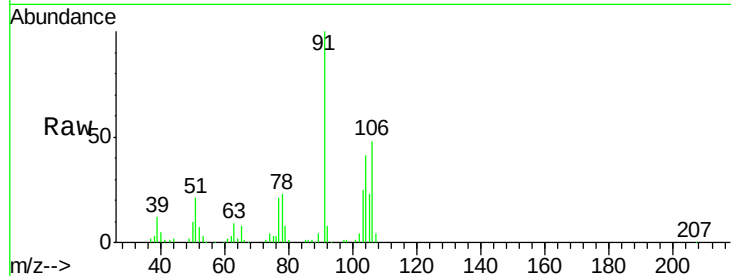
#69
o-Xylene
Concen: 9.974 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD064582.D
Acq: 24 Dec 2019 10:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
106	100		
91	211.2	104.8	314.4

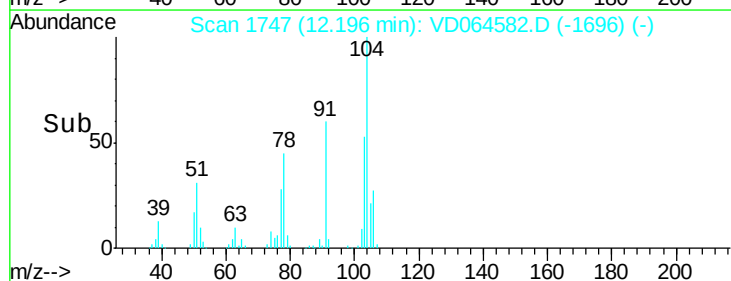
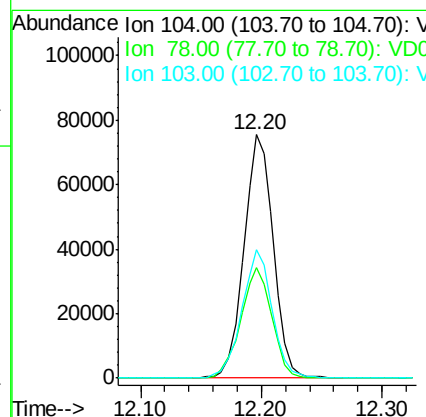
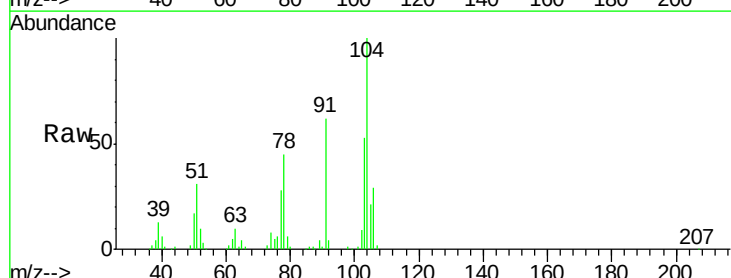
Manual Integrations
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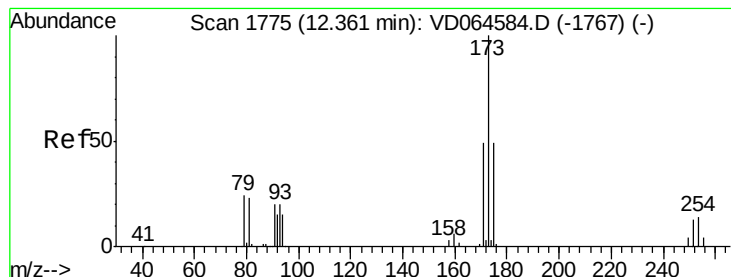
apatel
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#70
Styrene
Concen: 10.054 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD064582.D
Acq: 24 Dec 2019 10:51

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.8	38.2	57.2
103	54.4	44.6	67.0





#71

Bromoform

Concen: 9.761 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.01 min

Lab File: VD064582.D

Acq: 24 Dec 2019 10:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tot Ion:173 Resp: 24993

Ion Ratio Lower Upper

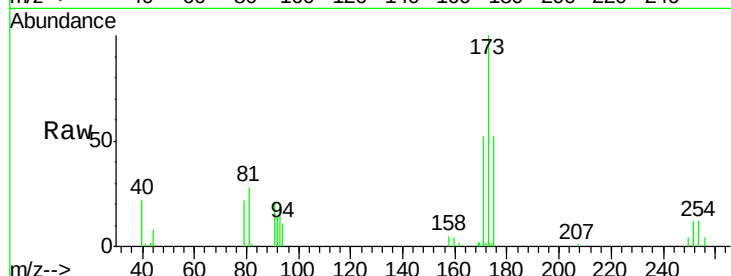
173 100

175 49.4 24.6 73.8

254 0.0 0.1 0.1#

Manual Integrations
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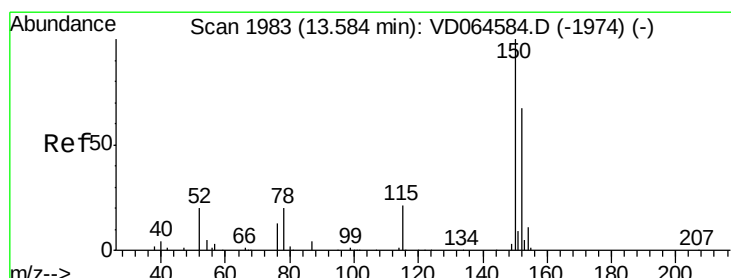
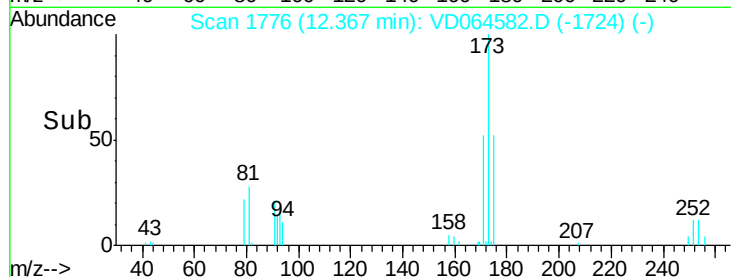
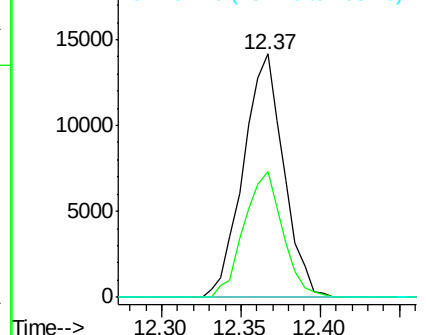
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Abundance Ion 172.70 (172.40 to 173.40): V

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: VD064582.D

Acq: 24 Dec 2019 10:51

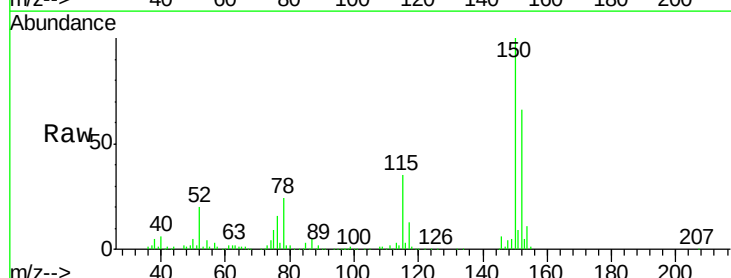
Tgt Ion:152 Resp: 269886

Ion Ratio Lower Upper

152 100

115 54.4 27.8 83.4

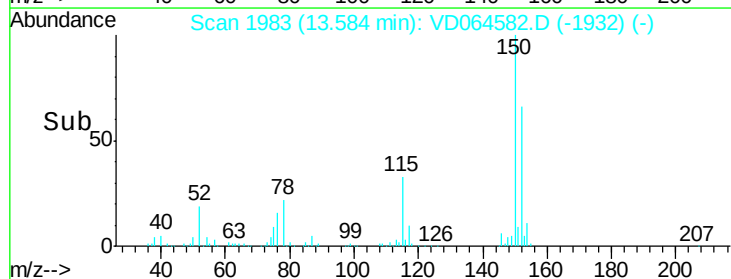
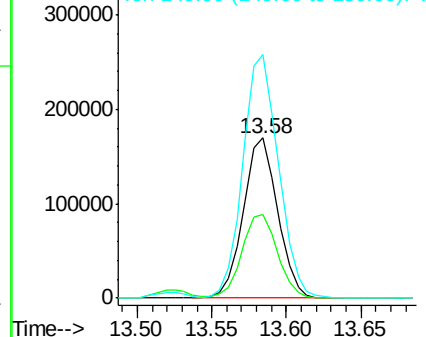
150 158.1 0.0 351.4

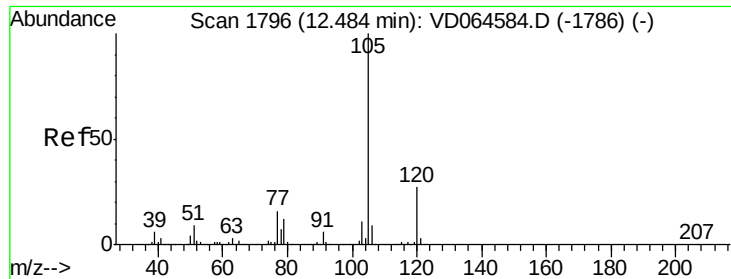


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





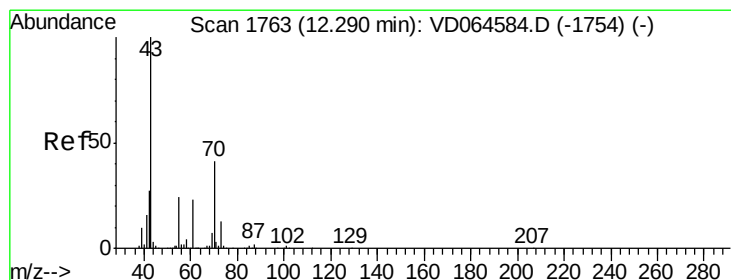
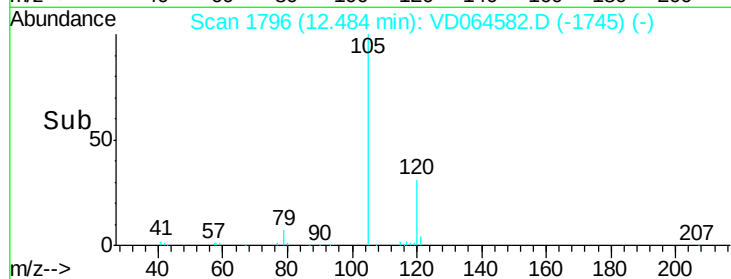
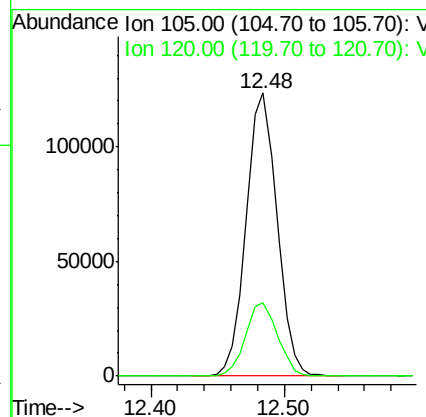
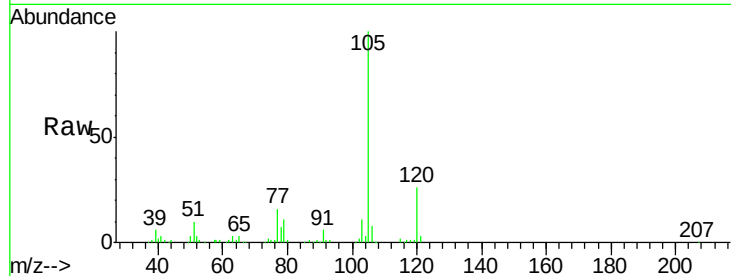
#73
Isopropylbenzene
Concen: 10.149 ug/l
RT: 12.48 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VD064582.D
Acq: 24 Dec 2019 10:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.0	13.5	40.5

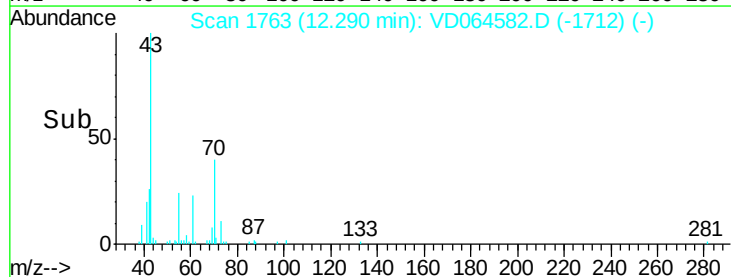
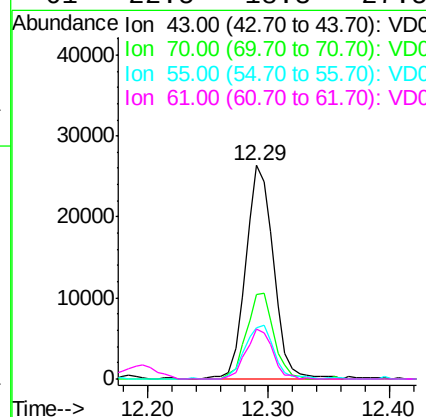
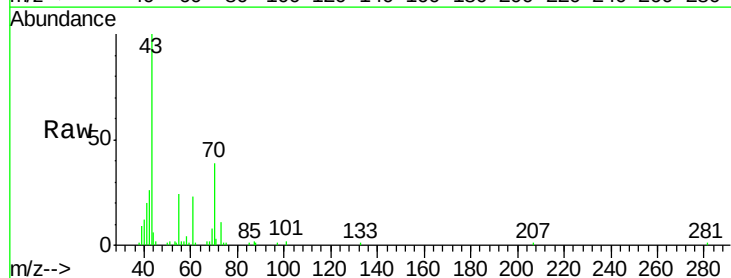
Manual Integrations
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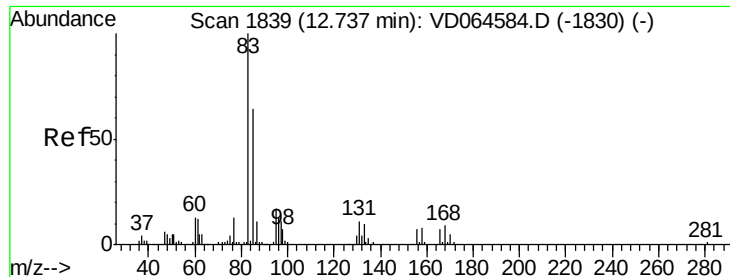
apatel
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#74
N-ethyl acetate
Concen: 9.708 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. -0.00 min
Lab File: VD064582.D
Acq: 24 Dec 2019 10:51

Tgt Ion	Ratio	Lower	Upper
43	100		
70	39.5	33.4	50.0
55	26.4	19.4	29.0
61	22.5	18.3	27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 10.263 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD064582.D

Acq: 24 Dec 2019 10:51

Instrument :

MSVOA_D

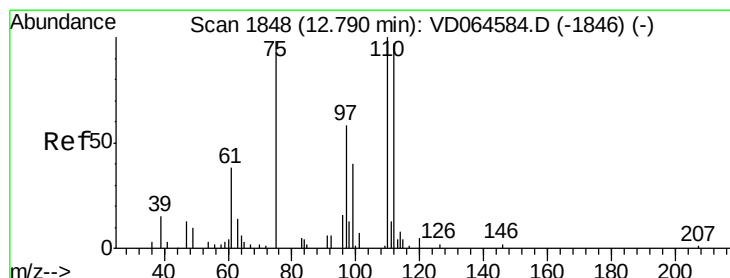
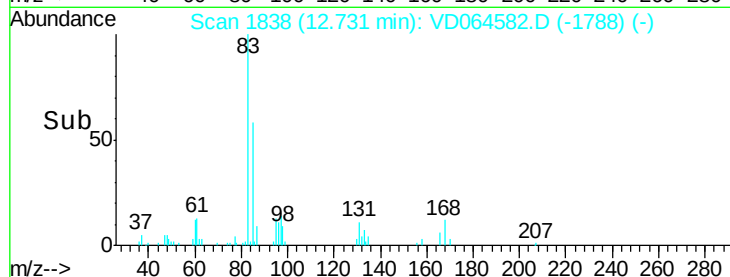
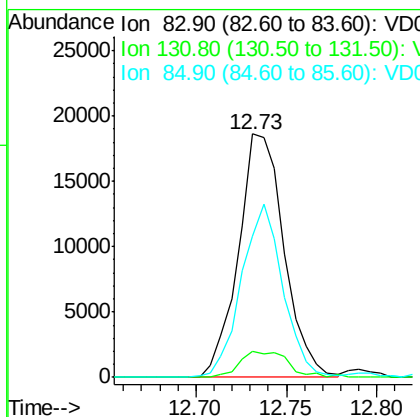
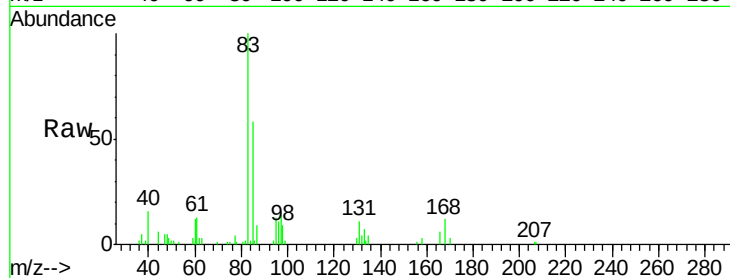
ClientSampleId :

VSTDIC010

Tot Ion:	83	Resp:	32648
Ion Ratio	Lower	Upper	
83	100		
131	11.3	5.8	17.4
85	64.7	32.3	96.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 10.829 ug/l m

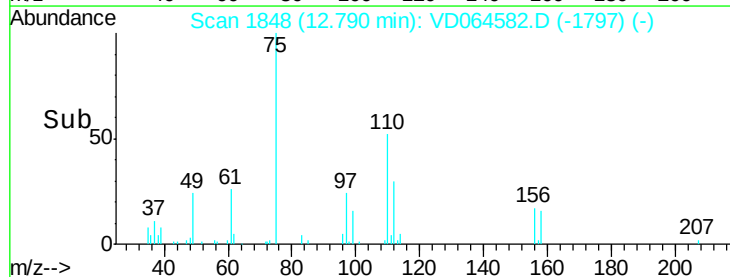
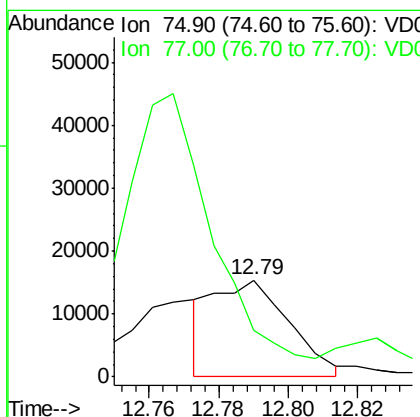
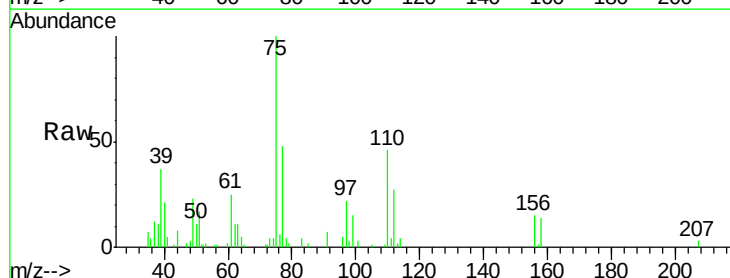
RT: 12.79 min Scan# 1848

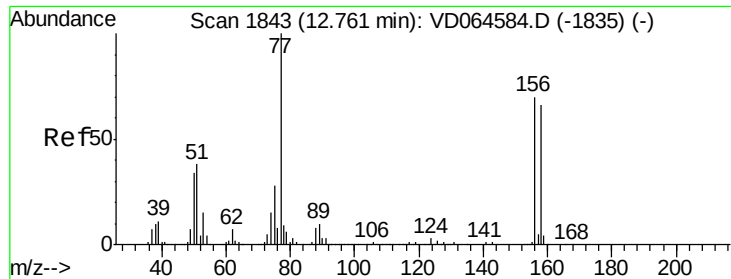
Delta R.T. -0.00 min

Lab File: VD064582.D

Acq: 24 Dec 2019 10:51

Tgt Ion:	75	Resp:	23556
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 10.541 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.01 min

Lab File: VD064582.D

Acq: 24 Dec 2019 10:51

Instrument :

MSVOA_D

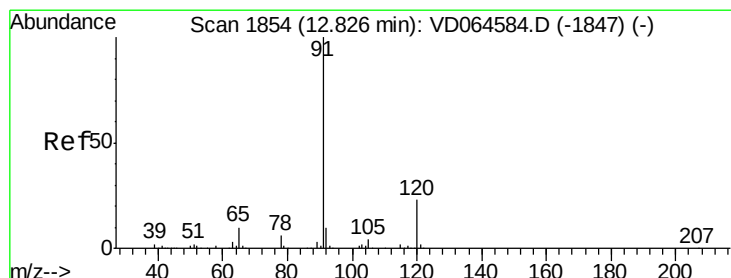
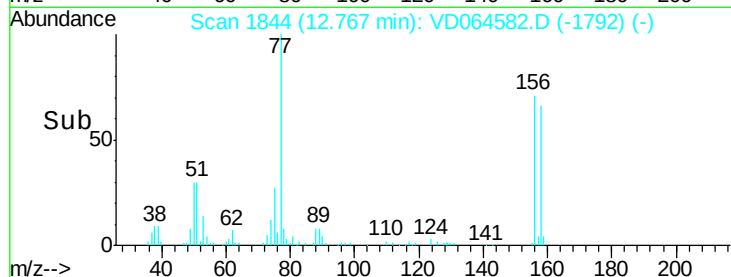
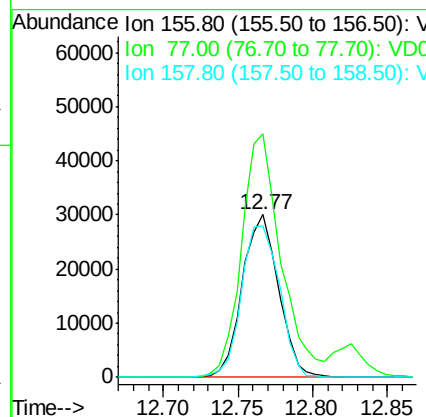
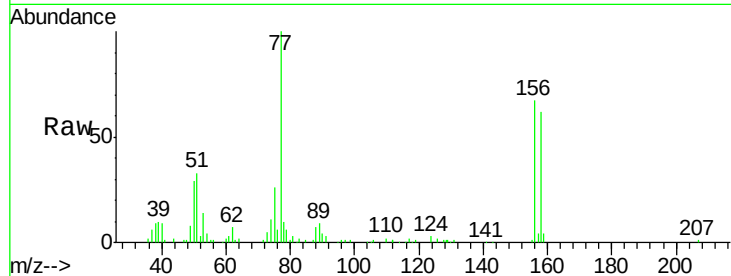
ClientSampleId :

VSTDIC010

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		50445		
77	164.0	80.9	242.7		
158	98.4	48.0	144.2		

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#78

n-propylbenzene

Concen: 10.463 ug/l

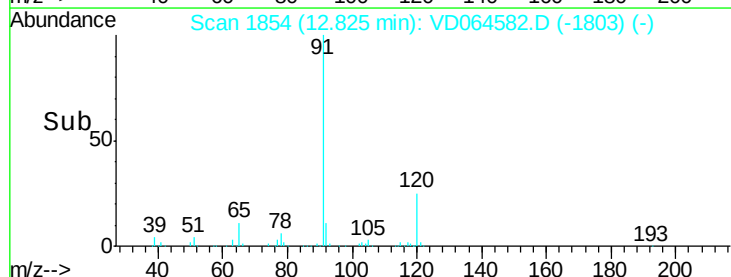
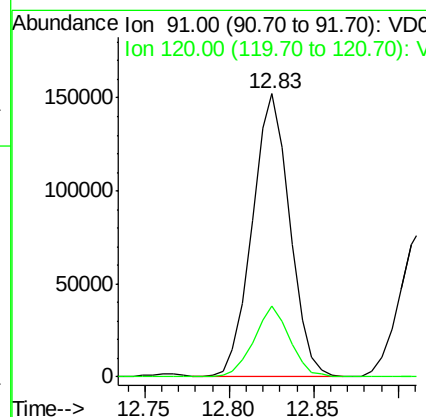
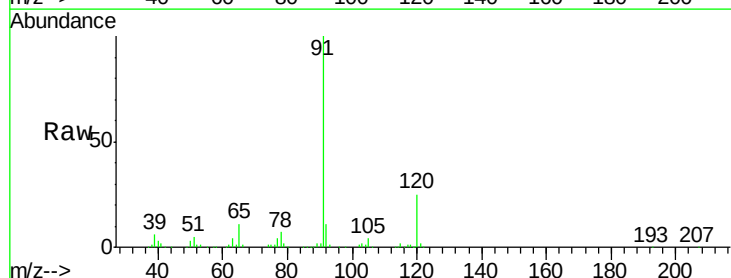
RT: 12.83 min Scan# 1854

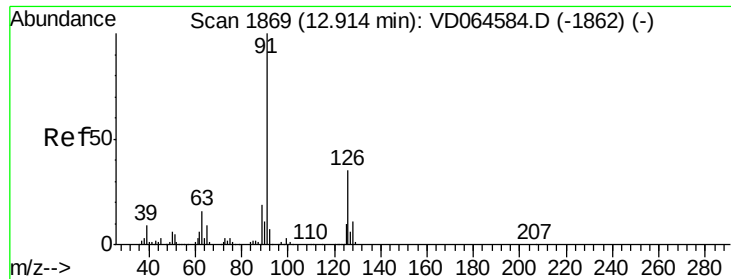
Delta R.T. -0.00 min

Lab File: VD064582.D

Acq: 24 Dec 2019 10:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		235164		
120	24.1	11.9	35.9		





#79

2-Chlorotoluene

Concen: 10.476 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. -0.00 min

Lab File: VD064582.D

Acq: 24 Dec 2019 10:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tot Ion: 91 Resp: 129317

Ion Ratio Lower Upper

91 100

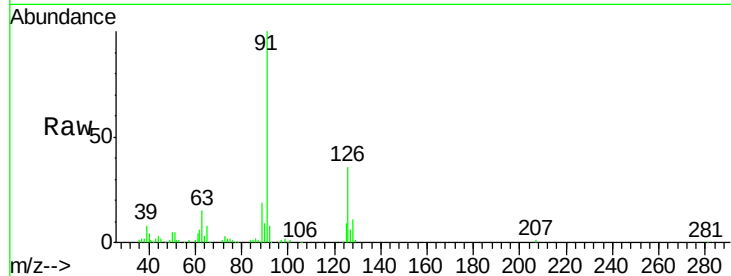
126 35.9 17.8 53.5

Manual Integrations

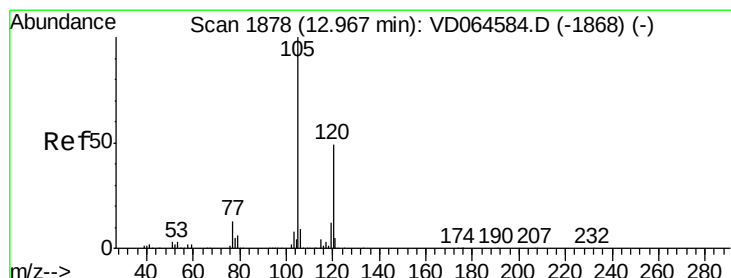
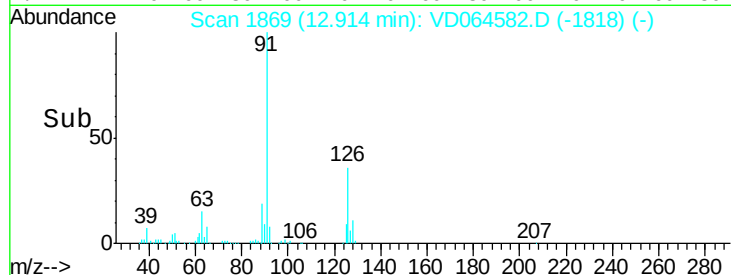
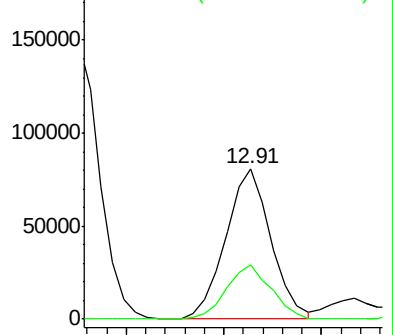
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Abundance Ion 91.00 (90.70 to 91.70): VD064584.D (-1862) (-)



#80

1,3,5-Trimethylbenzene

Concen: 10.271 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. -0.00 min

Lab File: VD064582.D

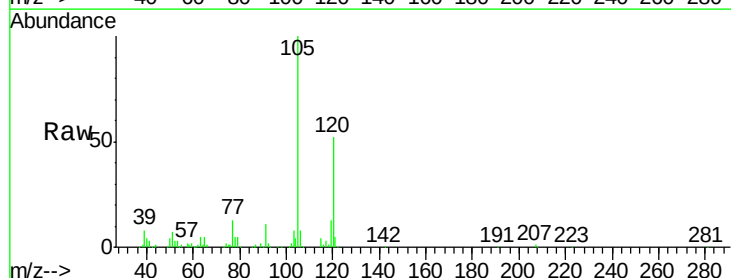
Acq: 24 Dec 2019 10:51

Tgt Ion: 105 Resp: 163404

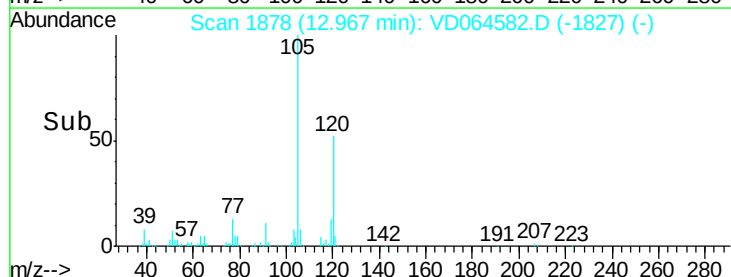
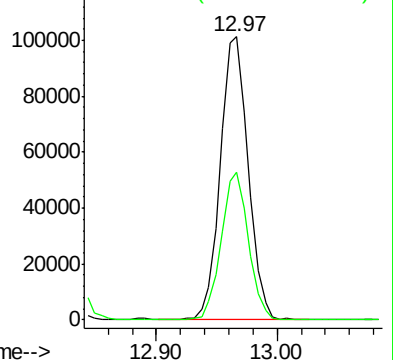
Ion Ratio Lower Upper

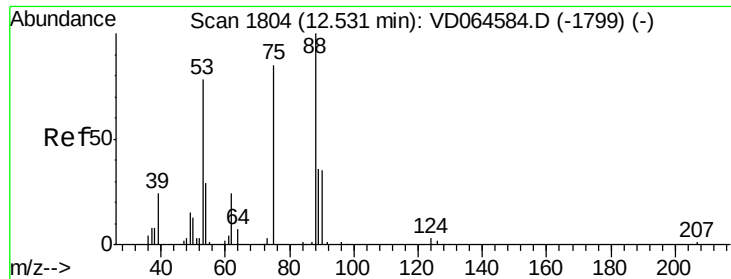
105 100

120 50.7 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): VD064584.D (-1868) (-)





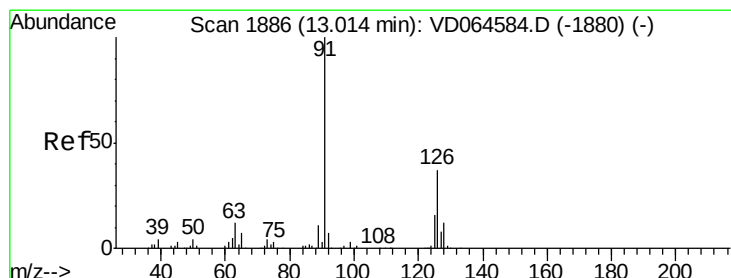
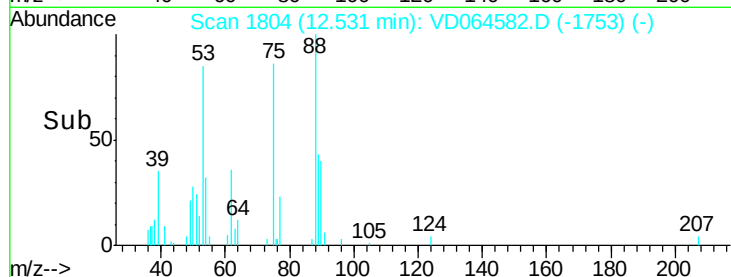
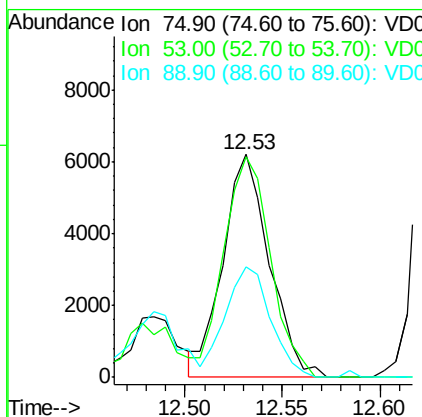
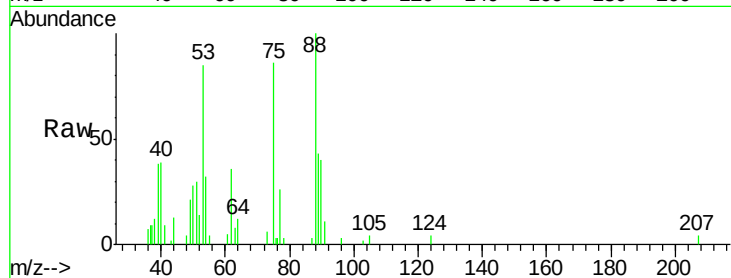
#81
trans-1,4-Dichloro-2-butene
Concen: 10.062 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VD064582.D
Acq: 24 Dec 2019 10:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.2	78.8	118.2
89	48.4	38.3	57.5

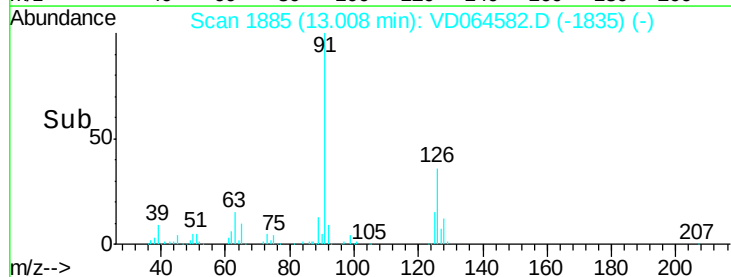
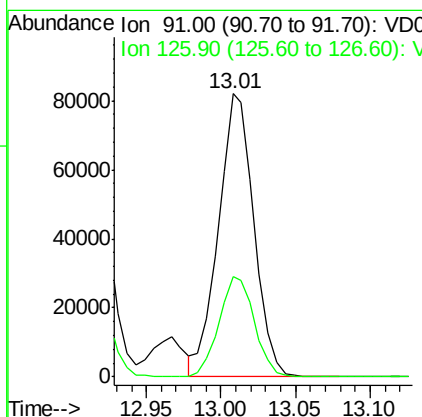
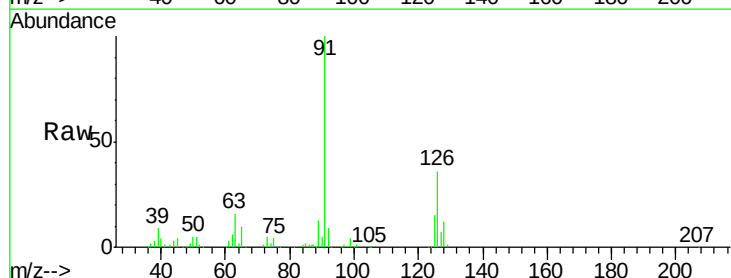
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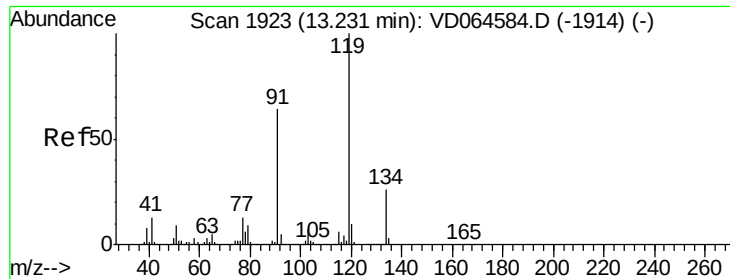
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#82
4-Chlorotoluene
Concen: 10.366 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VD064582.D
Acq: 24 Dec 2019 10:51

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.6	17.8	53.5





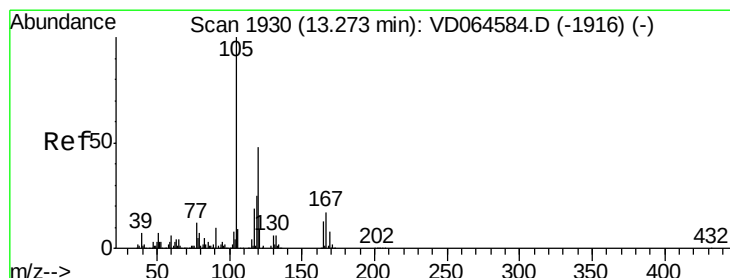
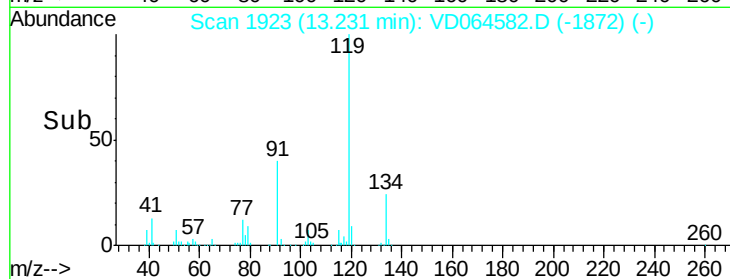
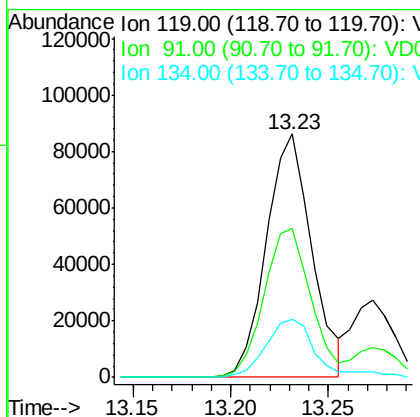
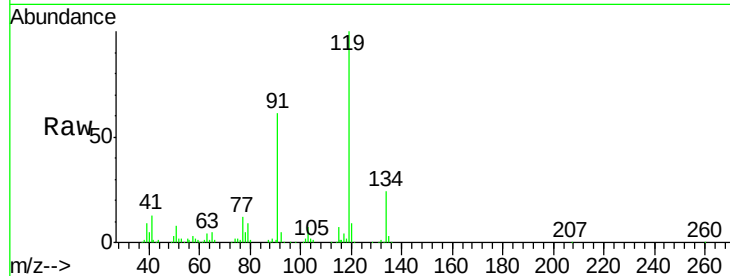
#83
 tert-Butylbenzene
 Concen: 10.055 ug/l
 RT: 13.23 min Scan# 1923
 Delta R.T. -0.00 min
 Lab File: VD064582.D
 Acq: 24 Dec 2019 10:51

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
119	100	139140		
91	62.9	30.8	92.4	
134	26.4	12.8	38.3	

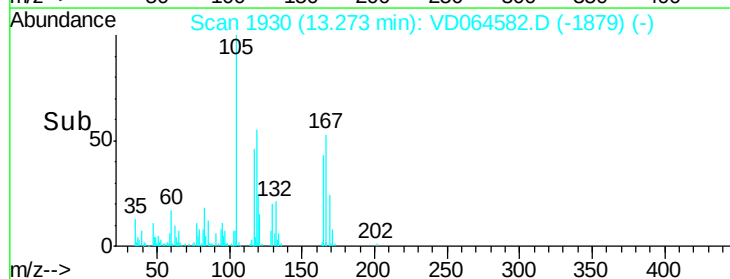
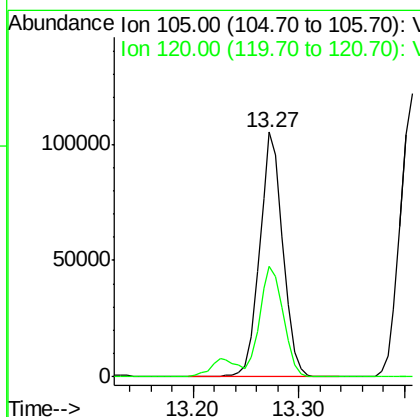
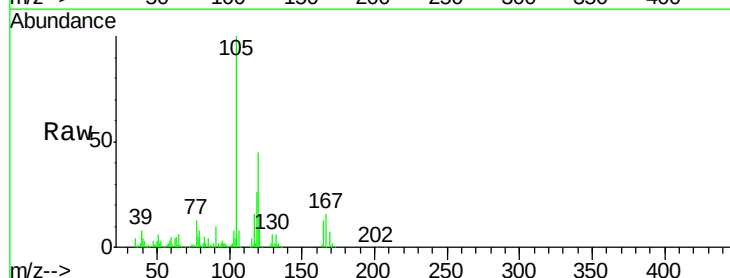
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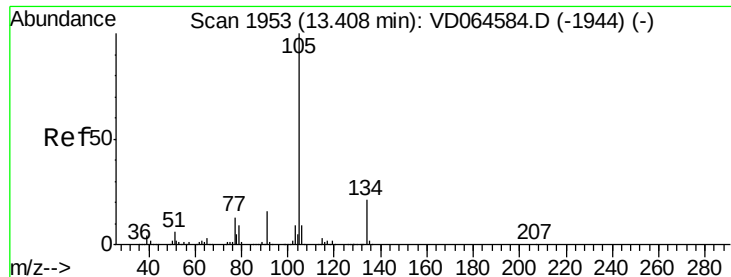
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#84
 1,2,4-Trimethylbenzene
 Concen: 10.071 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: VD064582.D
 Acq: 24 Dec 2019 10:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	161062		
120	45.9	23.8	71.2	





#85

sec-Butylbenzene

Concen: 10.315 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. -0.00 min

Lab File: VD064582.D

Acq: 24 Dec 2019 10:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tot Ion:105 Resp: 195619

Ion Ratio Lower Upper

105 100

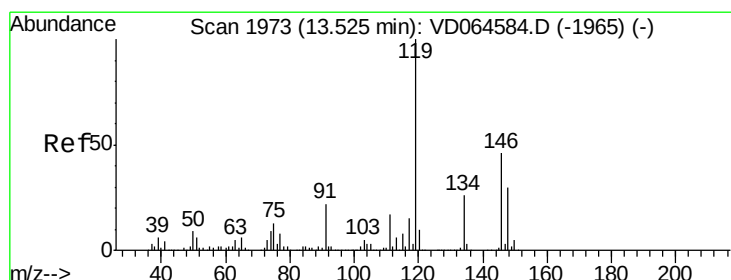
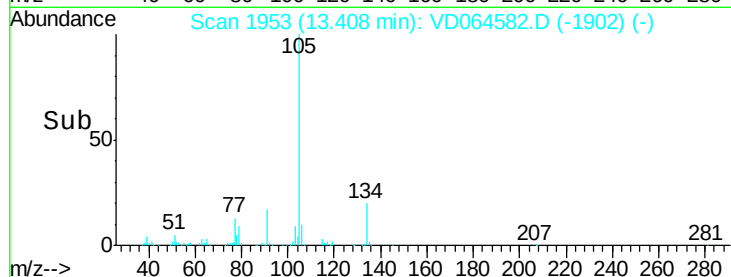
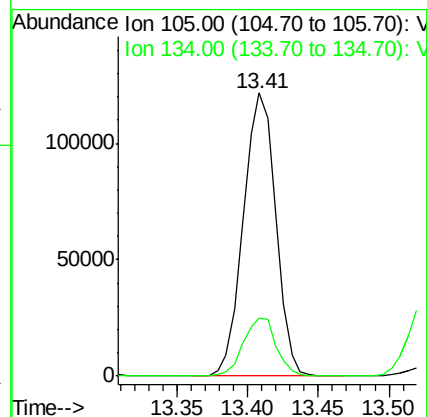
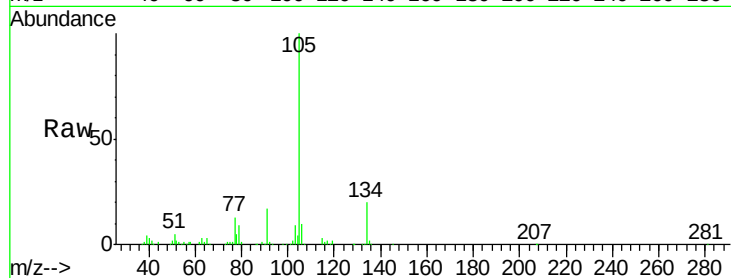
134 20.9 10.6 31.8

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#86

p-Isopropyltoluene

Concen: 10.236 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. -0.00 min

Lab File: VD064582.D

Acq: 24 Dec 2019 10:51

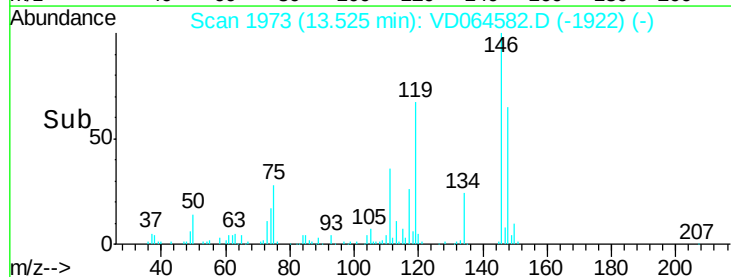
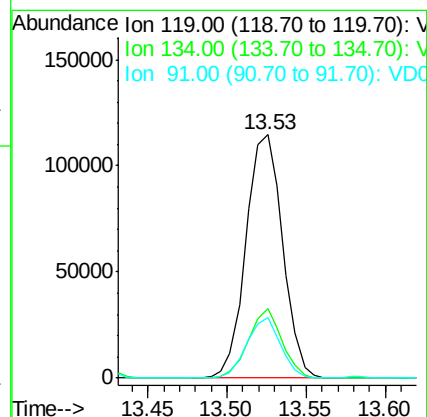
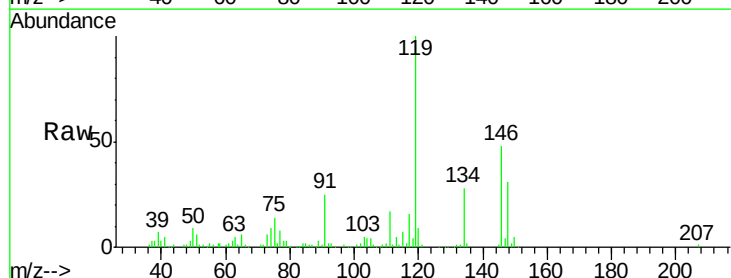
Tgt Ion:119 Resp: 184056

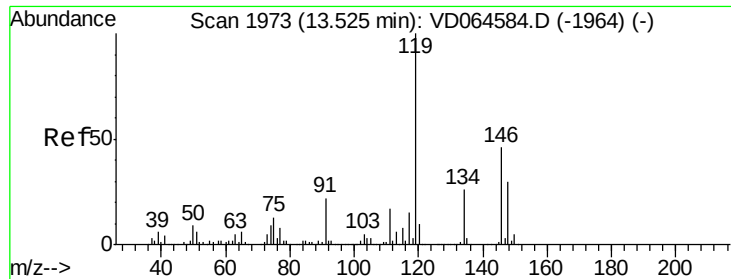
Ion Ratio Lower Upper

119 100

134 26.0 13.4 40.1

91 23.0 11.2 33.6





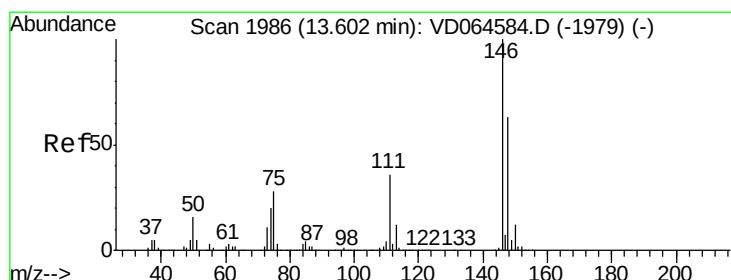
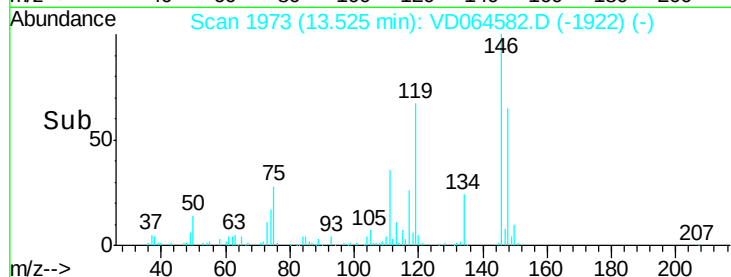
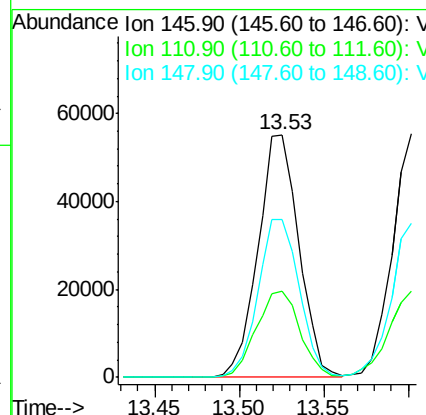
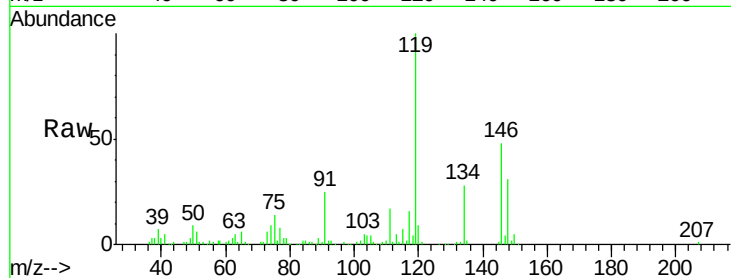
#87
 1,3-Dichlorobenzene
 Concen: 10.147 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. -0.00 min
 Lab File: VD064582.D
 Acq: 24 Dec 2019 10:51

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.8	56.4
148	65.7	32.5	97.5

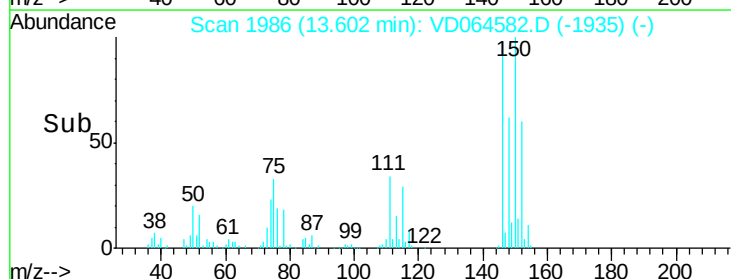
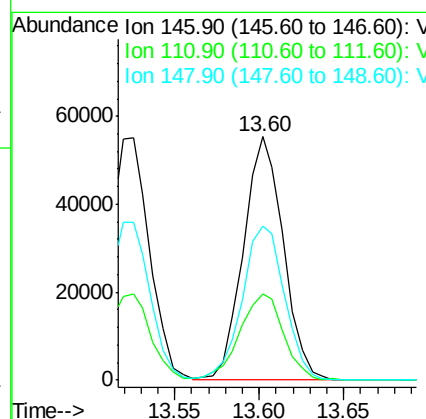
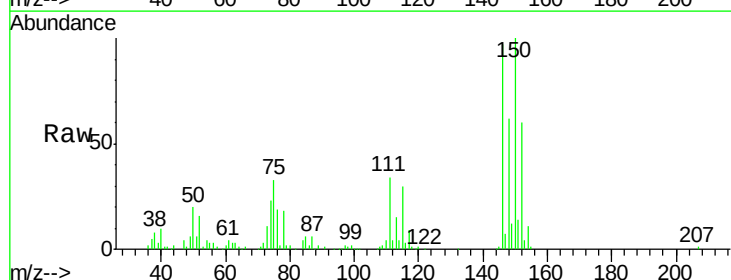
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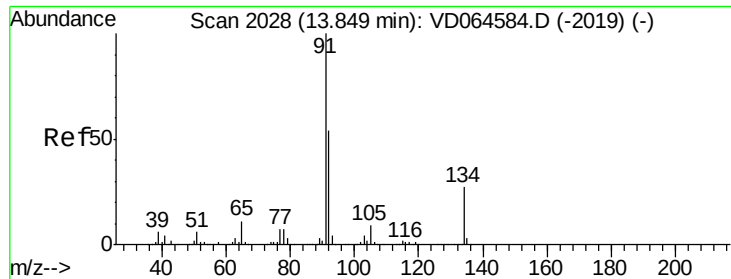
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#88
 1,4-Dichlorobenzene
 Concen: 10.121 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VD064582.D
 Acq: 24 Dec 2019 10:51

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.1	18.1	54.1
148	67.2	32.3	96.9





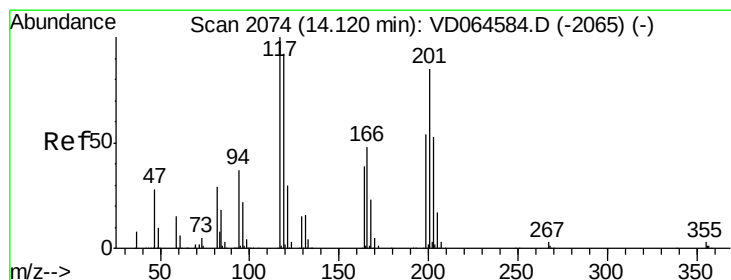
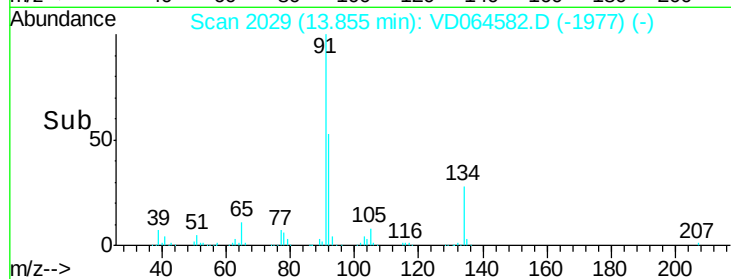
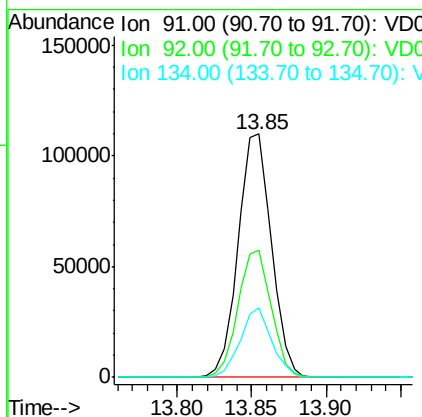
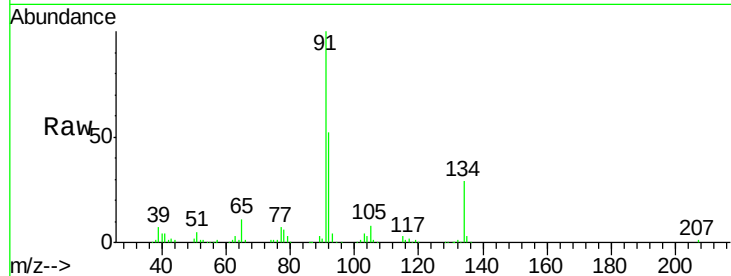
#89
n-Butylbenzene
Concen: 10.429 ug/l
RT: 13.85 min Scan# 2029
Delta R.T. 0.01 min
Lab File: VD064582.D
Acq: 24 Dec 2019 10:51

Instrument :
MSVOA_D
ClientSampleID :
VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
91	100	169712		
92	52.4		26.8	80.4
134	27.1		14.0	41.9

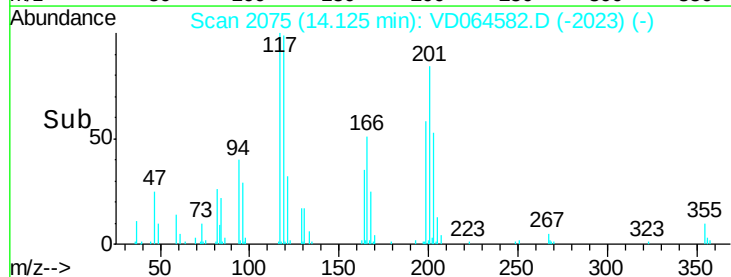
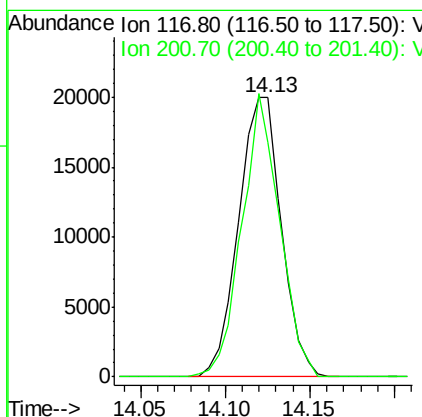
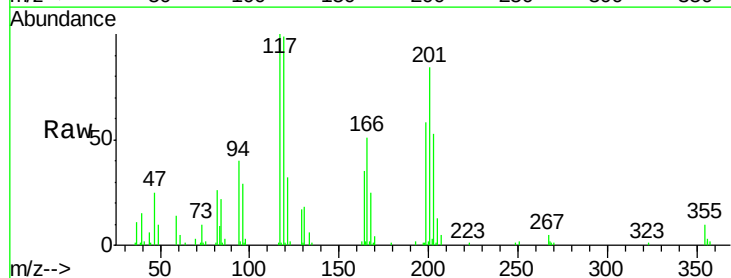
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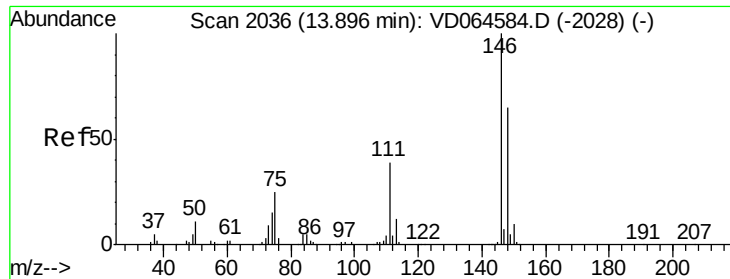
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#90
Hexachloroethane
Concen: 10.450 ug/l
RT: 14.13 min Scan# 2075
Delta R.T. 0.01 min
Lab File: VD064582.D
Acq: 24 Dec 2019 10:51

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	35178		
201	89.4		44.0	131.8





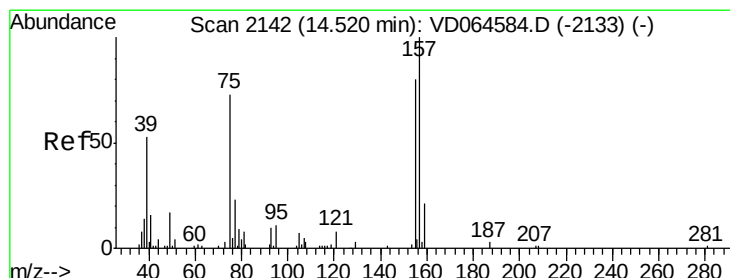
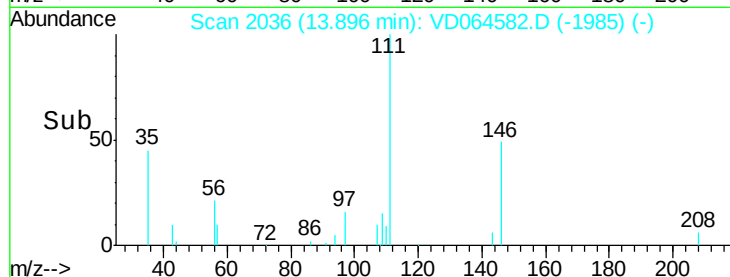
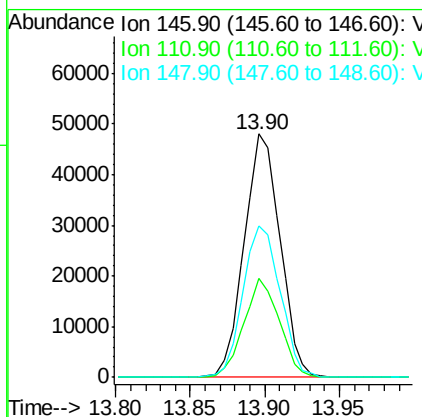
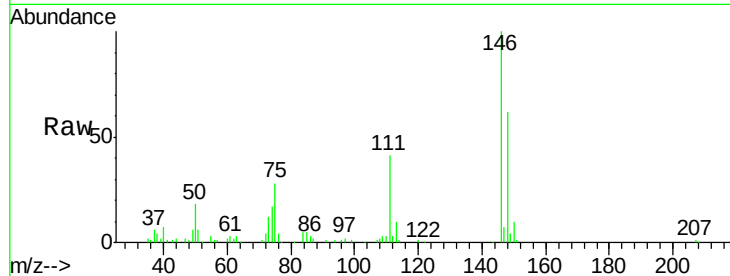
#91
 1,2-Dichlorobenzene
 Concen: 10.306 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VD064582.D
 Acq: 24 Dec 2019 10:51

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	19.3	57.9
148	64.4	31.9	95.5

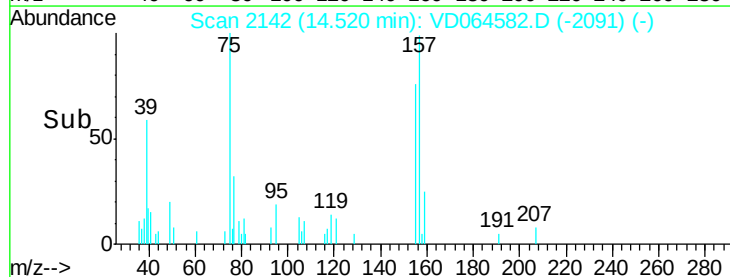
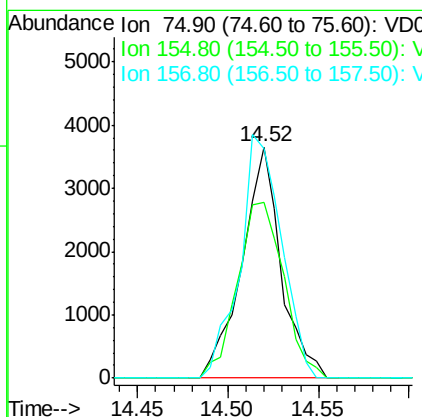
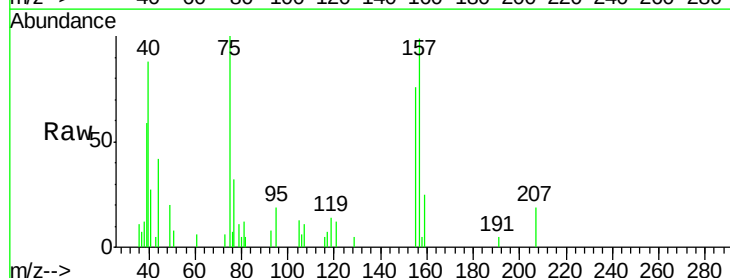
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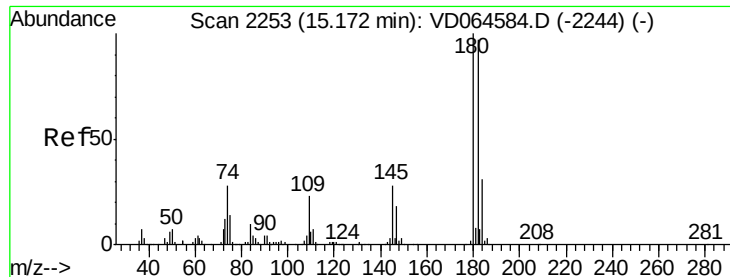
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 10.194 ug/l
 RT: 14.52 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VD064582.D
 Acq: 24 Dec 2019 10:51

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.1	48.0	144.0
157	112.0	64.1	192.3





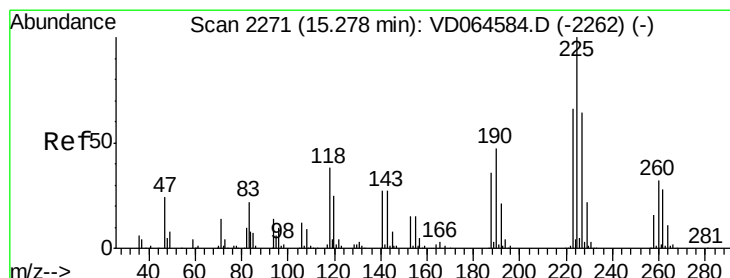
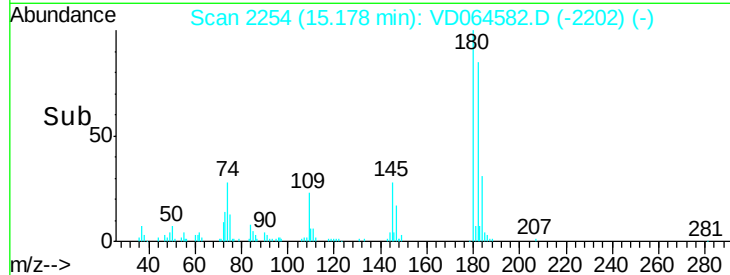
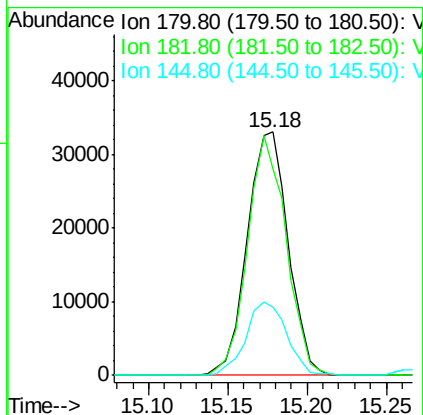
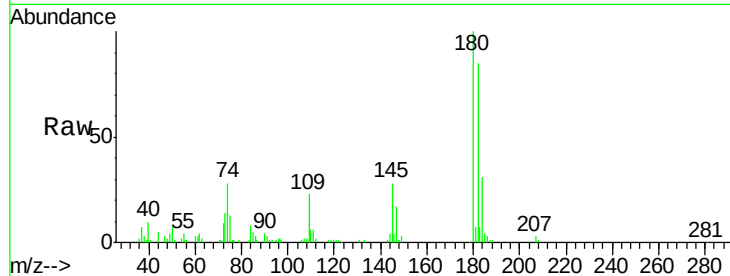
#93
 1,2,4-Trichlorobenzene
 Concen: 9.994 ug/l
 RT: 15.18 min Scan# 2254
 Delta R.T. 0.01 min
 Lab File: VD064582.D
 Acq: 24 Dec 2019 10:51

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
180	100	59247		
182	92.8		48.0	144.2
145	30.1		13.8	41.4

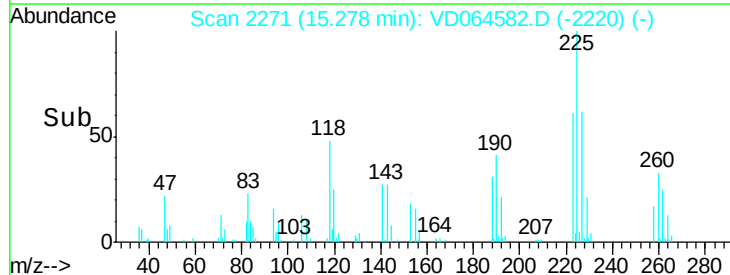
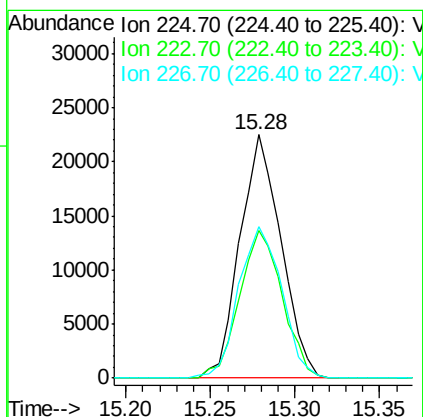
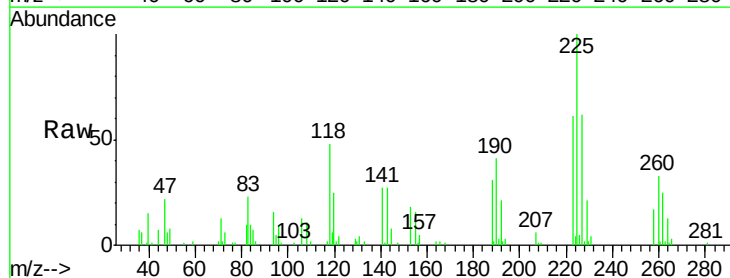
Manual Integrations
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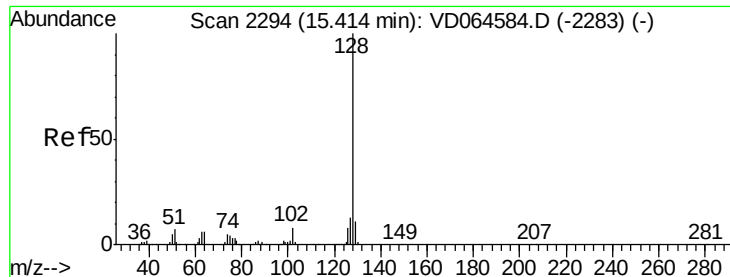
apatel
 12/26/2019 11:13:46 AM



#94
 Hexachlorobutadiene
 Concen: 10.478 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. -0.00 min
 Lab File: VD064582.D
 Acq: 24 Dec 2019 10:51

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	38248		
223	62.6		31.1	93.2
227	64.9		30.9	92.7





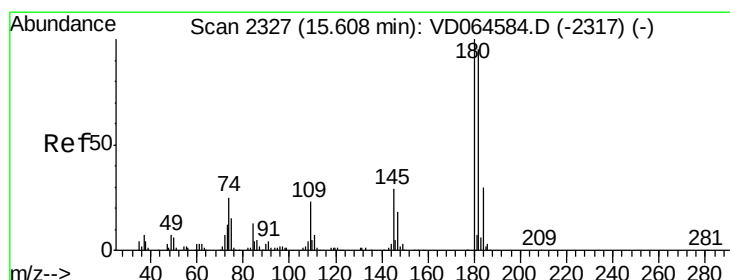
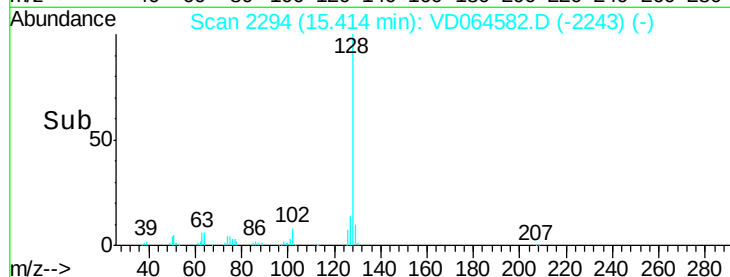
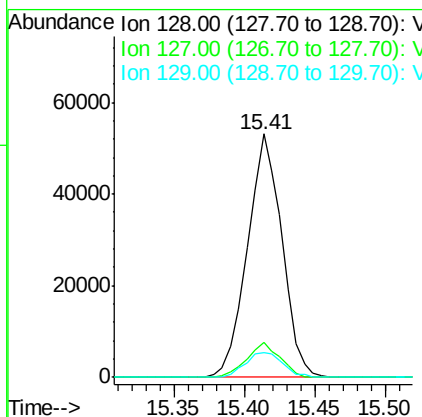
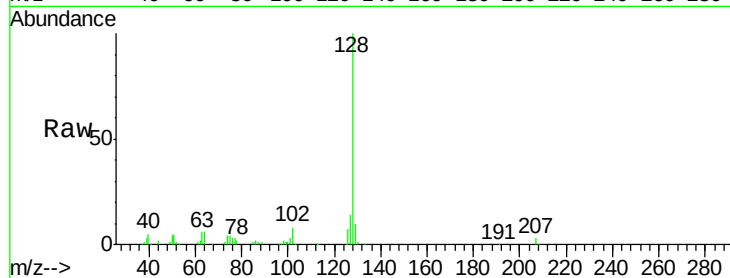
#95
Naphthalene
Concen: 9.272 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. -0.00 min
Lab File: VD064582.D
Acq: 24 Dec 2019 10:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion:	128	Resp:	91227
Ion Ratio	Lower	Upper	
128	100		
127	13.6	10.3	15.5
129	10.8	8.5	12.7

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 10.271 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. -0.00 min
Lab File: VD064582.D
Acq: 24 Dec 2019 10:51

Tgt Ion:	180	Resp:	51834
Ion Ratio	Lower	Upper	
180	100		
182	96.0	47.9	143.7
145	29.9	14.9	44.7

