

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032720\
 Data File : VX015368.D
 Acq On : 26 Mar 2020 20:39
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
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 3/27/2020 5:16:13 PM

Quant Time: Mar 27 09:15:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 08:55:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	912543	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1603112	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1507006	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	781882	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	706377	59.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.80%	
35) Dibromofluoromethane	5.47	113	510498	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	
50) Toluene-d8	8.70	98	1799939	47.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.64%	
62) 4-Bromofluorobenzene	11.12	95	742092	50.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	326492	34.196	ug/l	100
3) Chloromethane	1.31	50	552088	49.666	ug/l	100
4) Vinyl Chloride	1.39	62	445133	41.208	ug/l	100
5) Bromomethane	1.62	94	244080	58.485	ug/l	100
6) Chloroethane	1.70	64	291541	43.171	ug/l	100
7) Trichlorofluoromethane	1.91	101	535080	37.338	ug/l	100
8) Diethyl Ether	2.17	74	291777	47.296	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	331442	30.813	ug/l	100
10) Methyl Iodide	2.49	142	659794	54.826	ug/l	100
11) Tert butyl alcohol	3.01	59	862426	352.664	ug/l	100
12) 1,1-Dichloroethene	2.36	96	413190	36.610	ug/l	100
13) Acrolein	2.27	56	483230	224.269	ug/l	100
14) Allyl chloride	2.70	41	1094536	60.562	ug/l	100
15) Acrylonitrile	3.12	53	1725859	290.000	ug/l	100
16) Acetone	2.42	43	1588602	313.106	ug/l	100
17) Carbon Disulfide	2.55	76	1274057	41.748	ug/l	100
18) Methyl Acetate	2.75	43	823143	64.448	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	1932195	56.389	ug/l	100
20) Methylene Chloride	2.83	84	563270	42.133	ug/l	100
21) trans-1,2-Dichloroethene	3.14	96	495688	40.355	ug/l	100
22) Diisopropyl ether	3.83	45	2040972	57.362	ug/l	100
23) Vinyl Acetate	3.79	43	9548716	327.411	ug/l	100
24) 1,1-Dichloroethane	3.67	63	998571	47.272	ug/l	100
25) 2-Butanone	4.64	43	2589426	334.474	ug/l	100
26) 2,2-Dichloropropane	4.56	77	774180	47.040	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	608706	44.851	ug/l	100
28) Bromochloromethane	4.98	49	517028	57.795	ug/l	100
29) Tetrahydrofuran	5.09	42	1670049	332.583	ug/l	100
30) Chloroform	5.19	83	995066	46.739	ug/l	100
31) Cyclohexane	5.55	56	675519	41.183	ug/l	100
32) 1,1,1-Trichloroethane	5.47	97	818613	46.993	ug/l	100
36) 1,1-Dichloropropene	5.77	75	649511	43.598	ug/l	100
37) Ethyl Acetate	4.80	43	1025480	68.669	ug/l	100
38) Carbon Tetrachloride	5.76	117	687478	47.985	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	607461	35.111	ug/l	100
40) Benzene	6.12	78	2154098	47.156	ug/l	100
41) Methacrylonitrile	5.01	41	584085	72.108	ug/l	100
42) 1,2-Dichloroethane	6.17	62	917493	62.505	ug/l	100
43) Isopropyl Acetate	6.42	43	1742588	75.325	ug/l	100
44) Trichloroethene	7.19	130	556073	44.428	ug/l	100
45) 1,2-Dichloropropane	7.50	63	601878	54.558	ug/l	100
46) Dibromomethane	7.64	93	404590	52.442	ug/l	100
47) Bromodichloromethane	7.88	83	870203	59.048	ug/l	100
48) Methyl methacrylate	7.75	41	869921	78.288	ug/l	100
49) 1,4-Dioxane	7.72	88	326471	1154.574	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	4981434	355.981	ug/l	100
52) Toluene	8.77	92	1331939	47.573	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	1005457	62.808	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	1032710	58.084	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	576620	48.116	ug/l	100
56) Ethyl methacrylate	9.16	69	1027535	63.064	ug/l	100
57) 1,3-Dichloropropane	9.36	76	1016011	51.080	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	2510896	275.763	ug/l	100
59) 2-Hexanone	9.48	43	3798276	363.663	ug/l	100
60) Dibromochloromethane	9.57	129	705282	58.572	ug/l	100
61) 1,2-Dibromoethane	9.65	107	631625	51.506	ug/l	100
64) Tetrachloroethene	9.32	164	497056	45.845	ug/l	100
65) Chlorobenzene	10.12	112	1470225	46.842	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	603518	51.951	ug/l	100
67) Ethyl Benzene	10.24	91	2533564	47.459	ug/l	100
68) m/p-Xylenes	10.34	106	1888782	93.421	ug/l	100
69) o-Xylene	10.68	106	965259	49.114	ug/l	100
70) Styrene	10.70	104	1700378	51.774	ug/l	100
71) Bromoform	10.84	173	568978	70.836	ug/l	# 100
73) Isopropylbenzene	11.01	105	2353952	41.308	ug/l	100
74) N-amyl acetate	10.89	43	1476794	68.330	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	891778	48.932	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	850438m	51.679	ug/l	
77) Bromobenzene	11.24	156	688546	50.391	ug/l	100
78) n-propylbenzene	11.35	91	2720744	42.504	ug/l	100
79) 2-Chlorotoluene	11.41	91	1751918	44.954	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	2075255	45.078	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	354992	57.633	ug/l	100
82) 4-Chlorotoluene	11.49	91	2050708	46.348	ug/l	100
83) tert-Butylbenzene	11.76	119	1969373	43.575	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	2161592	45.428	ug/l	100
85) sec-Butylbenzene	11.93	105	2155007	40.253	ug/l	100
86) p-Isopropyltoluene	12.05	119	2091111	43.493	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	1195967	46.696	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	1221989	45.525	ug/l	100
89) n-Butylbenzene	12.37	91	1833754	40.543	ug/l	100
90) Hexachloroethane	12.58	117	413889	43.832	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	1198588	46.699	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	242157	59.241	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	918053	57.225	ug/l	100
94) Hexachlorobutadiene	13.77	225	363676	53.965	ug/l	100
95) Naphthalene	13.82	128	3006494	57.663	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	931774	59.125	ug/l	100

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

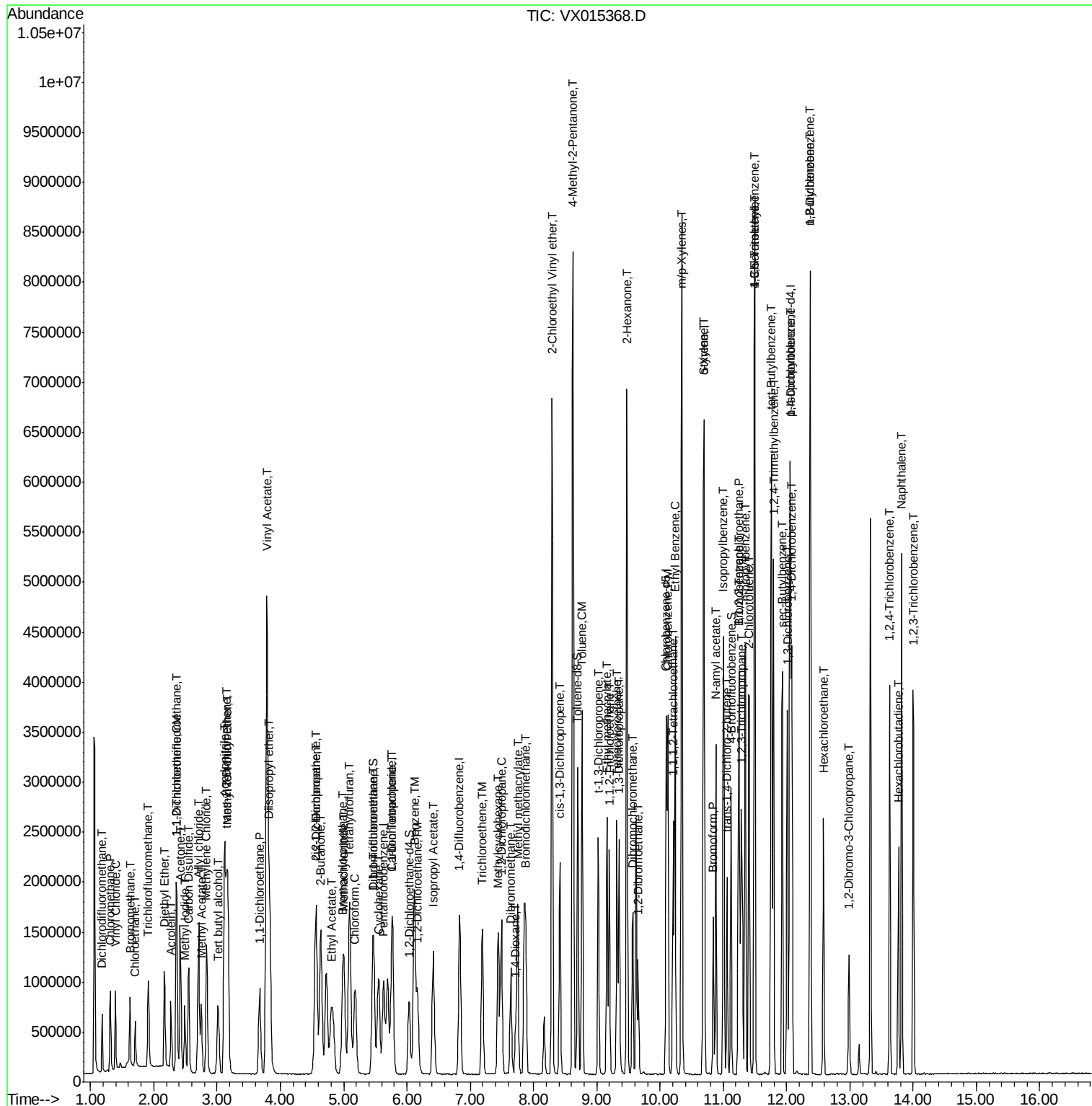
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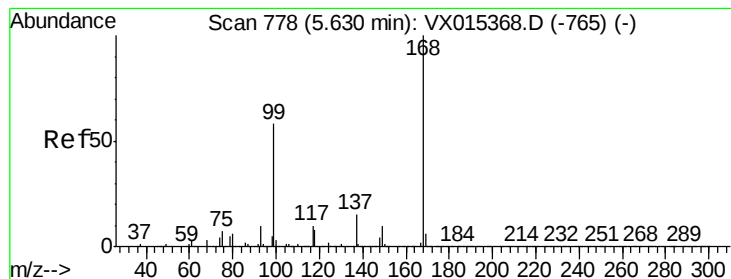
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 778

Delta R.T. 0.00 min

Lab File: VX015368.D

Acq: 26 Mar 2020 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:168 Resp: 912543

Ion Ratio Lower Upper

168 100

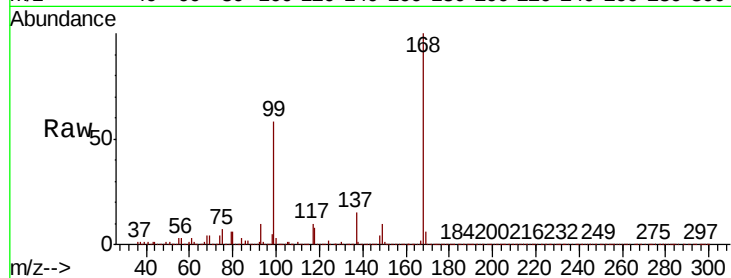
99 58.0 46.4 69.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

300000

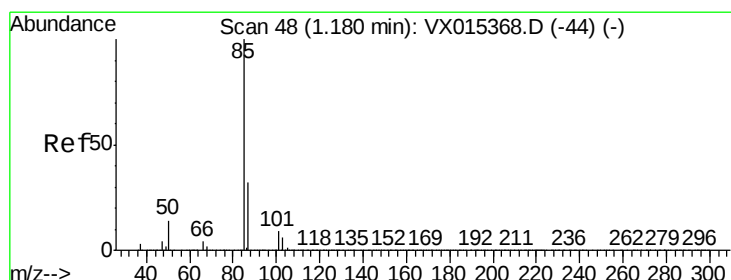
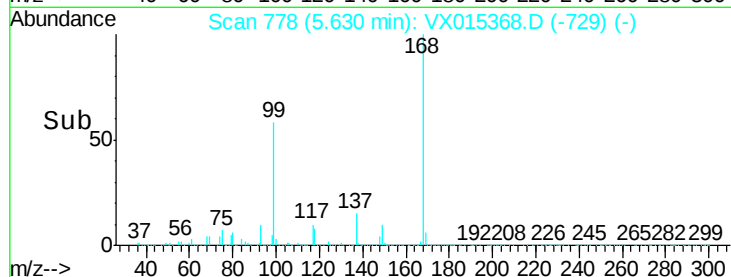
200000

100000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 34.196 ug/l

RT: 1.18 min Scan# 48

Delta R.T. 0.00 min

Lab File: VX015368.D

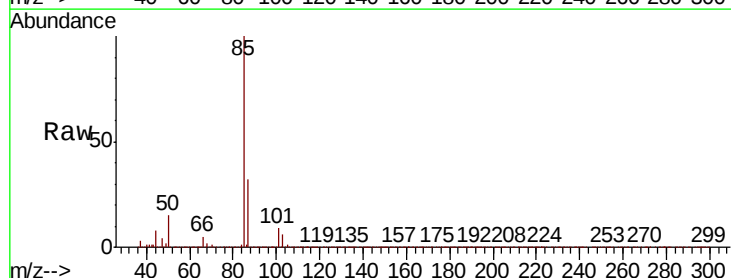
Acq: 26 Mar 2020 20:39

Tgt Ion: 85 Resp: 326492

Ion Ratio Lower Upper

85 100

87 31.9 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

300000

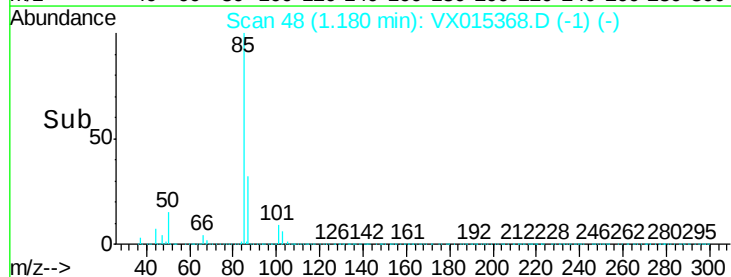
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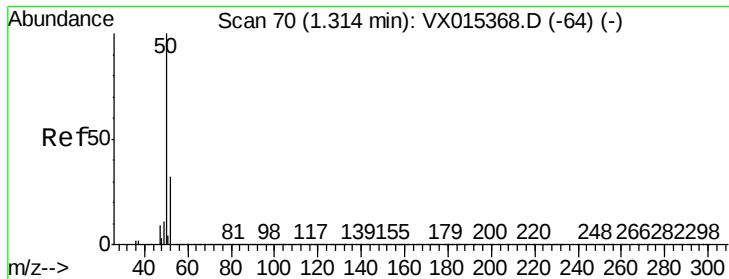
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Time-->

1.10 1.15 1.20 1.25 1.30





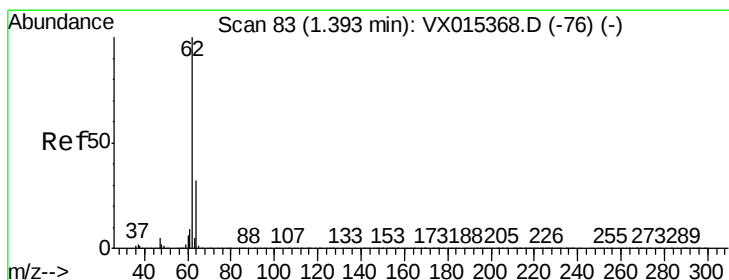
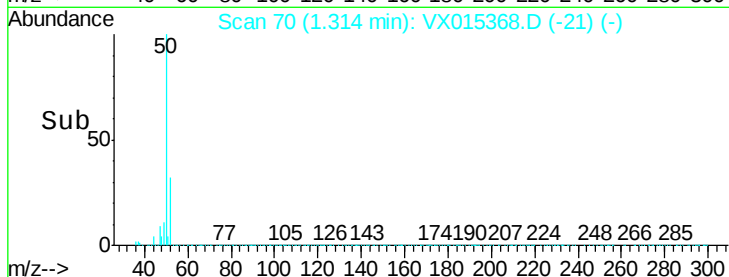
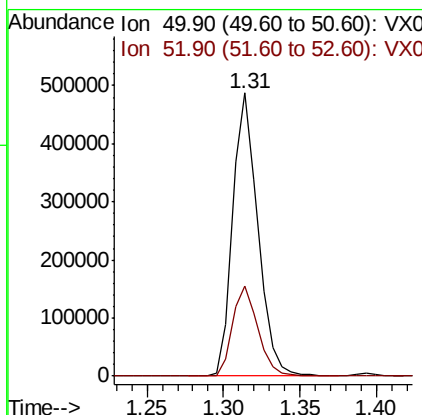
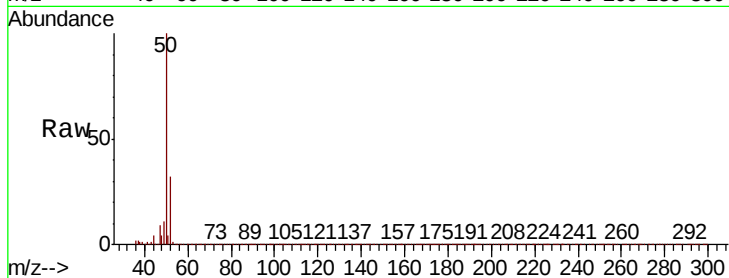
#3
Chloromethane
Concen: 49.666 ug/l
RT: 1.31 min Scan# 70
Delta R.T. 0.00 min
Lab File: VX015368.D
Acq: 26 Mar 2020 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion: 50 Resp: 552088
Ion Ratio Lower Upper
50 100
52 31.6 25.3 37.9

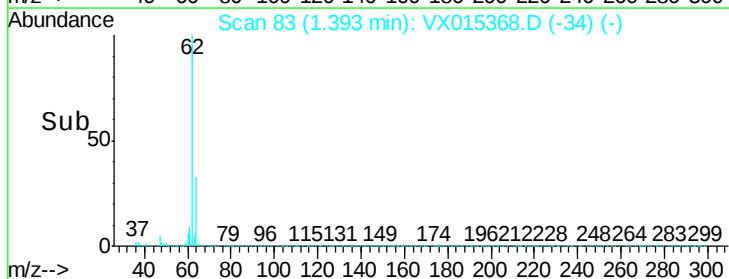
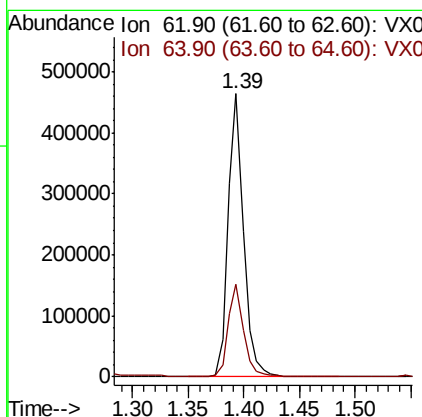
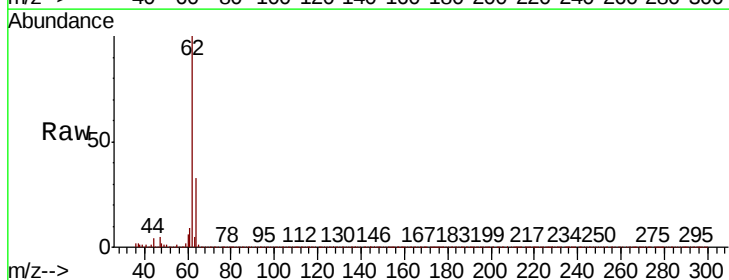
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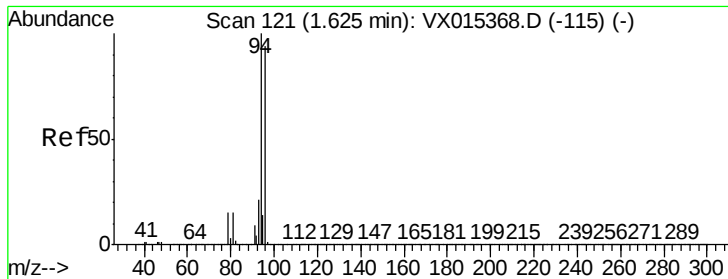
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#4
Vinyl Chloride
Concen: 41.208 ug/l
RT: 1.39 min Scan# 83
Delta R.T. 0.00 min
Lab File: VX015368.D
Acq: 26 Mar 2020 20:39

Tgt Ion: 62 Resp: 445133
Ion Ratio Lower Upper
62 100
64 32.5 26.0 39.0





#5

Bromomethane

Concen: 58.485 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX015368.D

Acq: 26 Mar 2020 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 94 Resp: 244080

Ion Ratio Lower Upper

94 100

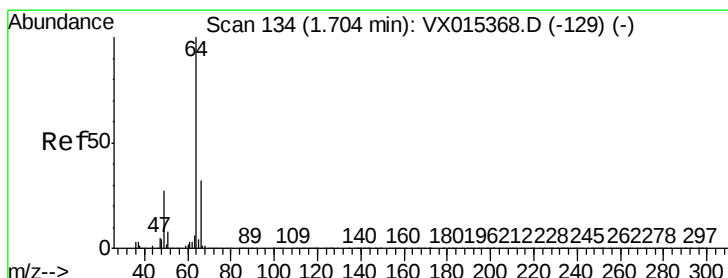
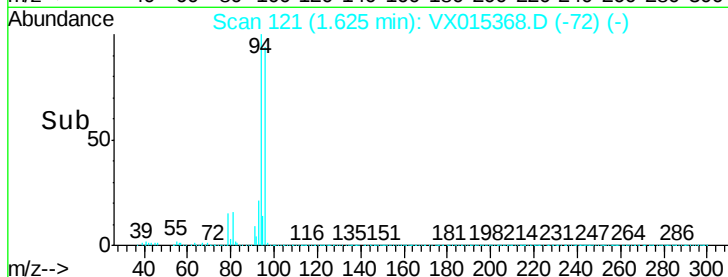
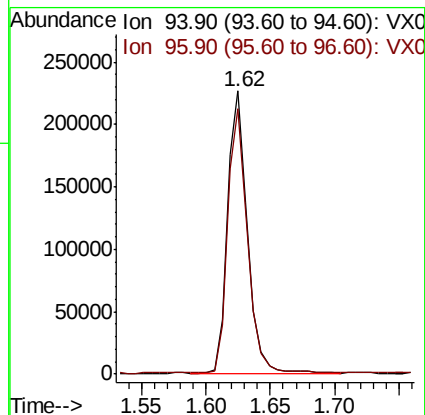
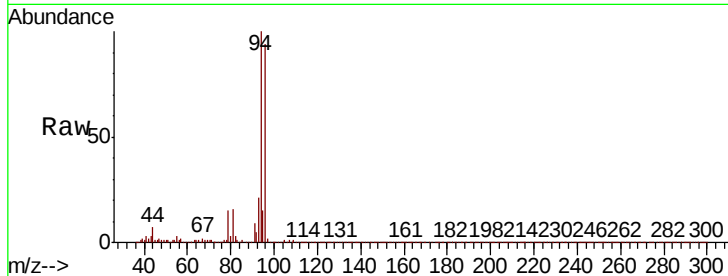
96 93.5 74.8 112.2

Manual Integrations

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#6

Chloroethane

Concen: 43.171 ug/l

RT: 1.70 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX015368.D

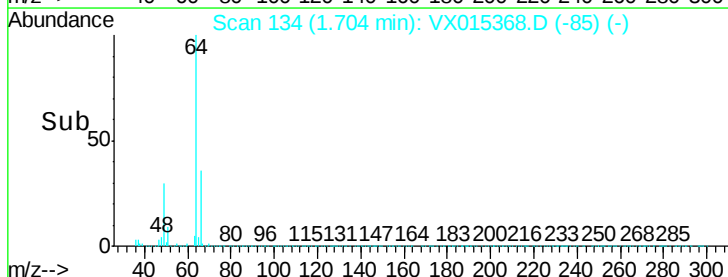
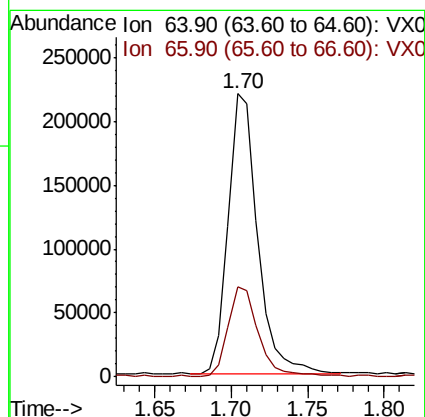
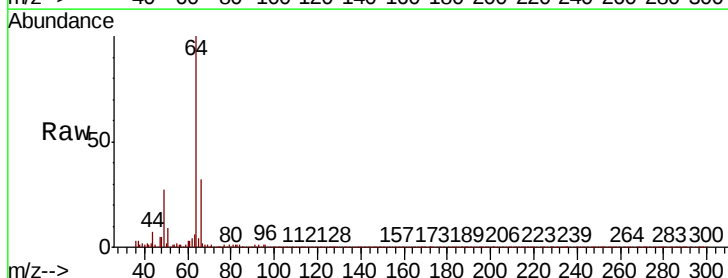
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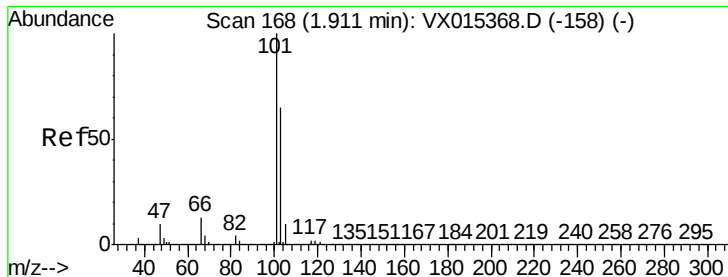
Tgt Ion: 64 Resp: 291541

Ion Ratio Lower Upper

64 100

66 31.8 25.4 38.2





#7

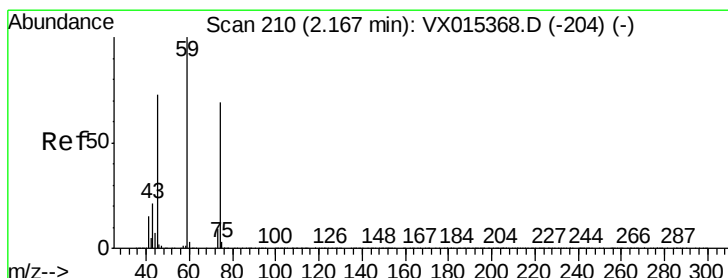
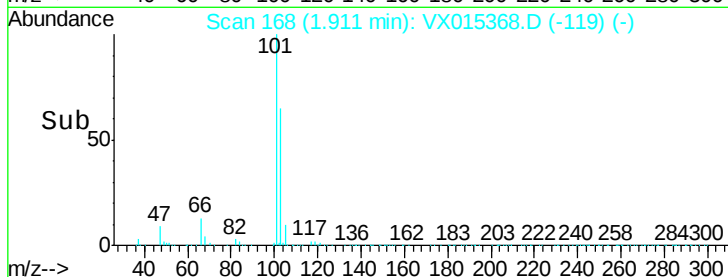
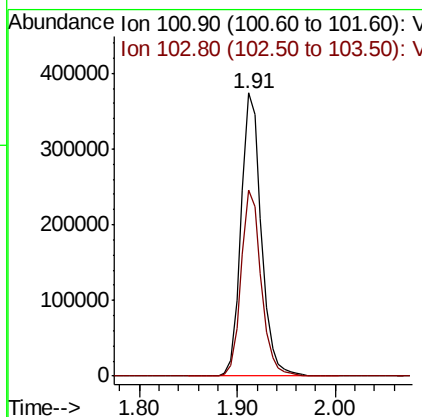
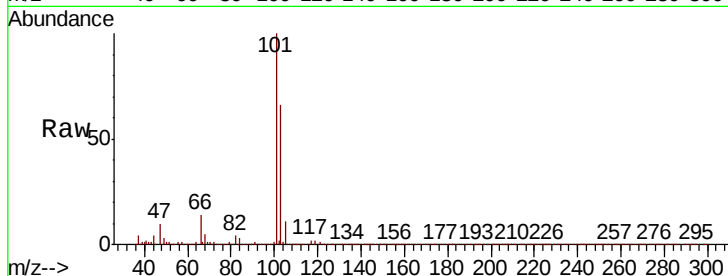
Trichlorofluoromethane
Concen: 37.338 ug/l
RT: 1.91 min Scan# 168
Delta R.T. 0.00 min
Lab File: VX015368.D
Acq: 26 Mar 2020 20:39

Instrument :
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ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.4	52.3	78.5

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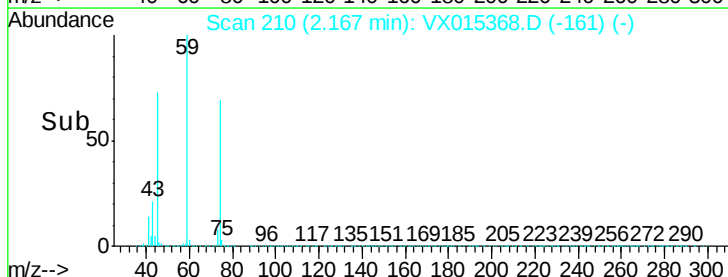
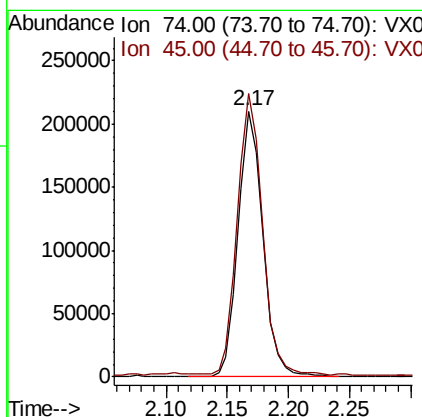
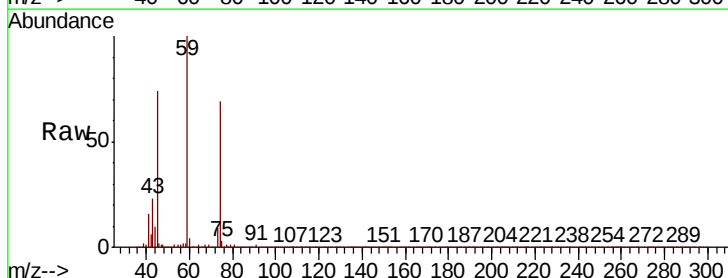
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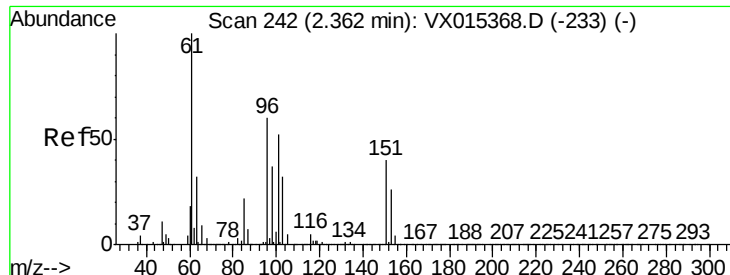


#8

Diethyl Ether
Concen: 47.296 ug/l
RT: 2.17 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX015368.D
Acq: 26 Mar 2020 20:39

Tgt Ion	Ratio	Lower	Upper
74	100		
45	107.4	53.8	161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 30.813 ug/l

RT: 2.36 min Scan# 242

Delta R.T. 0.00 min

Lab File: VX015368.D

Acq: 26 Mar 2020 20:39

Instrument :

MSVOA_X

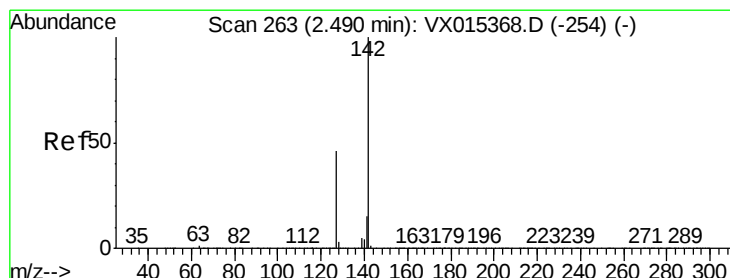
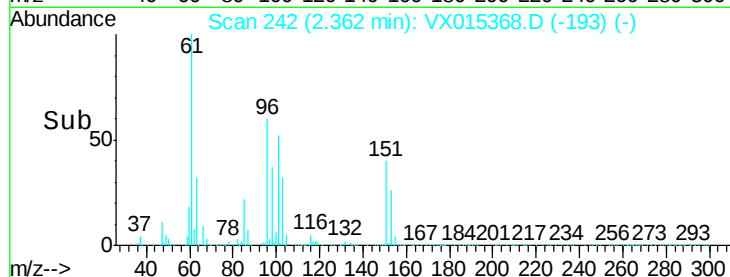
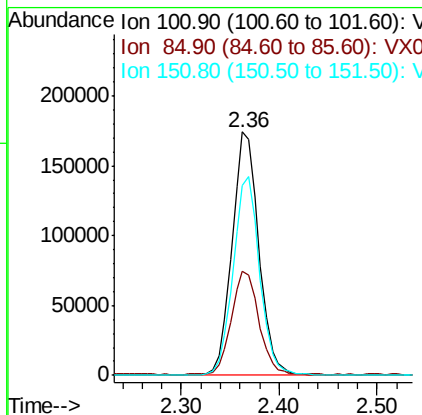
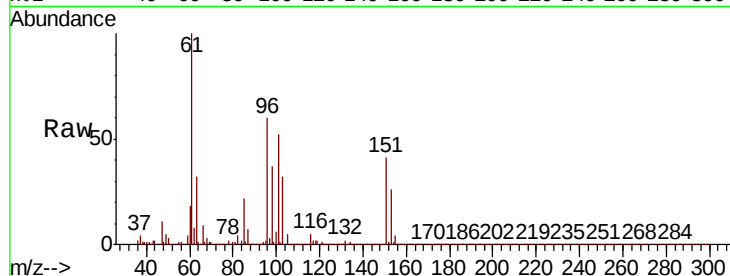
ClientSampleId :

VSTDICCC050

Tot Ion:	101	Resp:	331442
Ion Ratio	Lower	Upper	
101	100		
85	43.7	35.0	52.4
151	80.1	64.1	96.1

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#10

Methyl Iodide

Concen: 54.826 ug/l

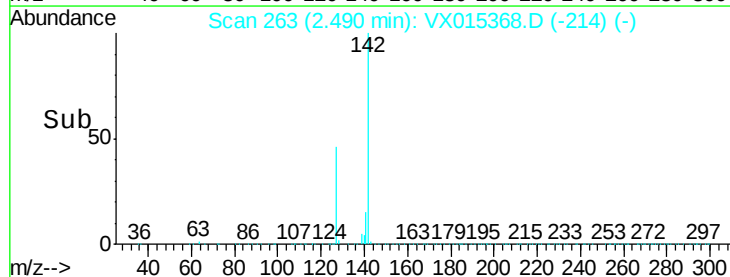
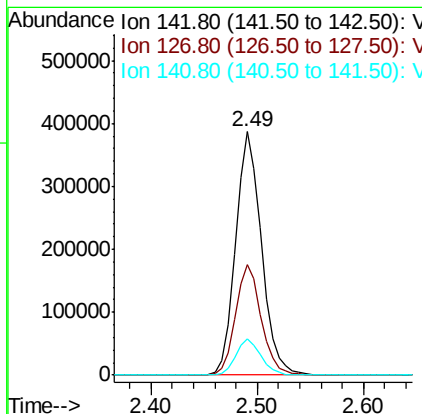
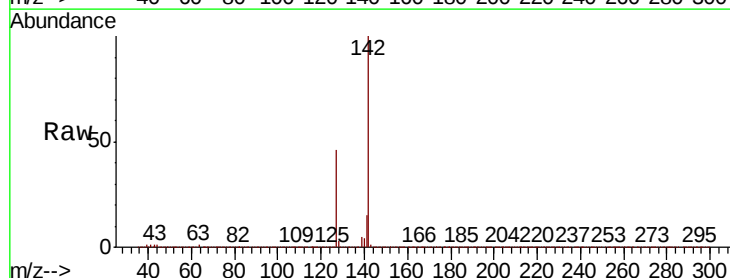
RT: 2.49 min Scan# 263

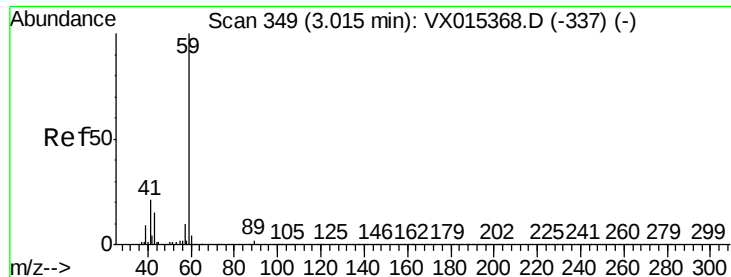
Delta R.T. 0.00 min

Lab File: VX015368.D

Acq: 26 Mar 2020 20:39

Tgt Ion:	142	Resp:	659794
Ion Ratio	Lower	Upper	
142	100		
127	44.9	35.9	53.9
141	14.5	11.6	17.4





#11

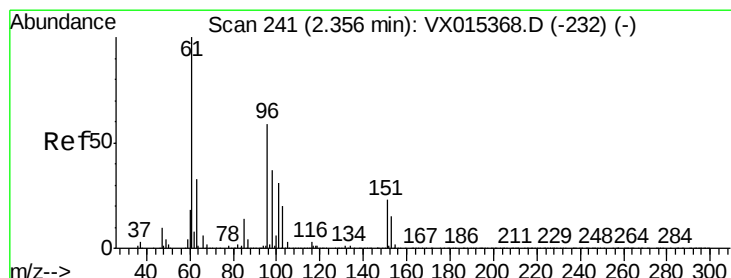
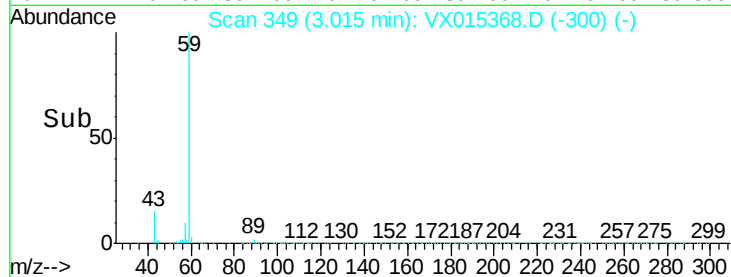
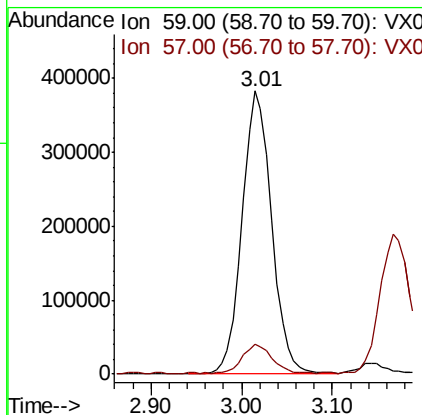
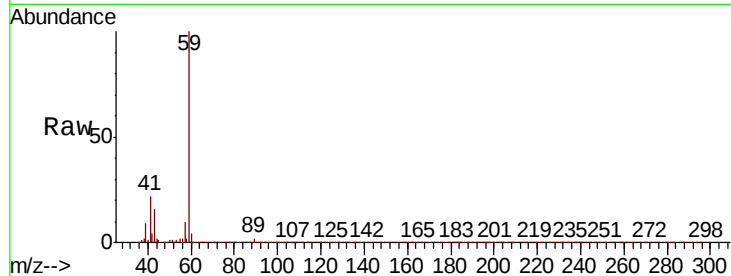
Tert butyl alcohol
Concen: 352.664 ug/l
RT: 3.01 min Scan# 349
Delta R.T. 0.00 min
Lab File: VX015368.D
Acq: 26 Mar 2020 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.1	12.1

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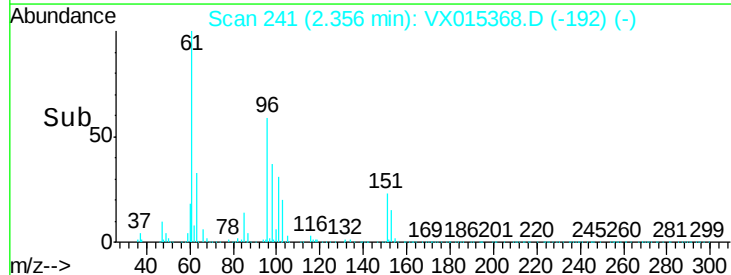
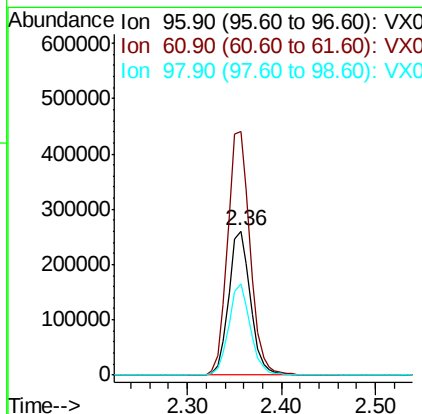
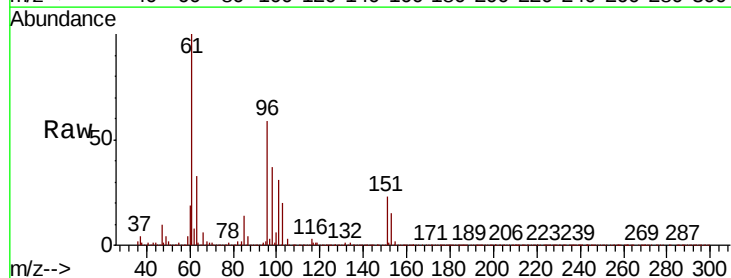
apatel
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#12

1,1-Dichloroethene
Concen: 36.610 ug/l
RT: 2.36 min Scan# 241
Delta R.T. 0.00 min
Lab File: VX015368.D
Acq: 26 Mar 2020 20:39

Tgt Ion	Ratio	Lower	Upper
96	100		
61	169.6	135.7	203.5
98	63.2	50.6	75.8





#13

Acrolein

Concen: 224.269 ug/l

RT: 2.27 min Scan# 227

Delta R.T. 0.00 min

Lab File: VX015368.D

Acq: 26 Mar 2020 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 56 Resp: 483230

Ion Ratio Lower Upper

56 100

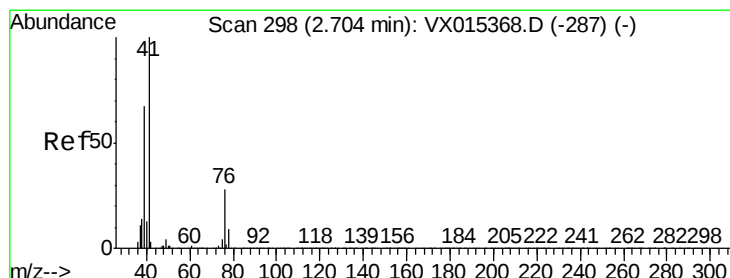
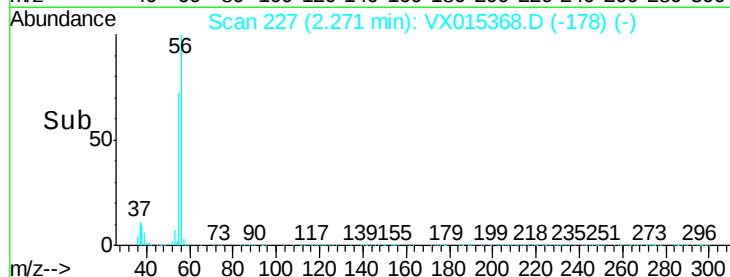
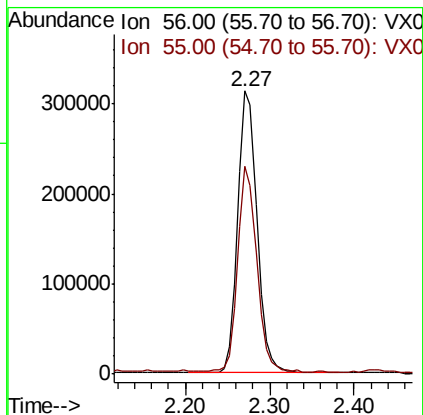
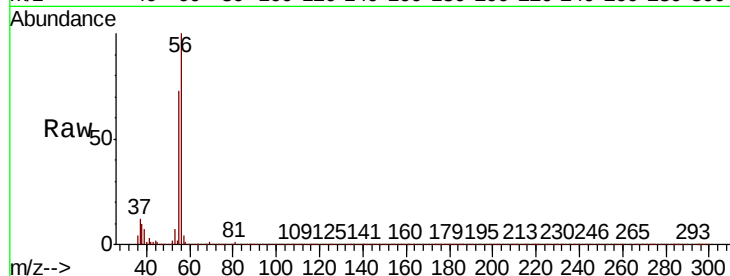
55 71.2 57.0 85.4

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#14

Allyl chloride

Concen: 60.562 ug/l

RT: 2.70 min Scan# 298

Delta R.T. 0.00 min

Lab File: VX015368.D

Acq: 26 Mar 2020 20:39

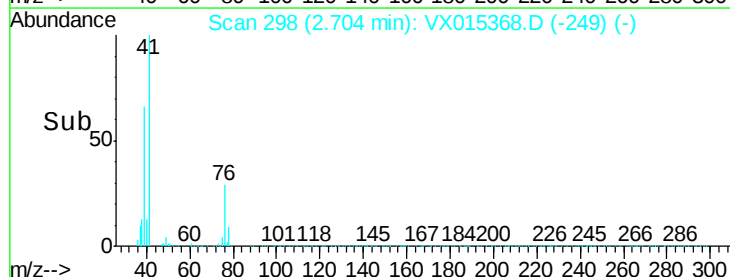
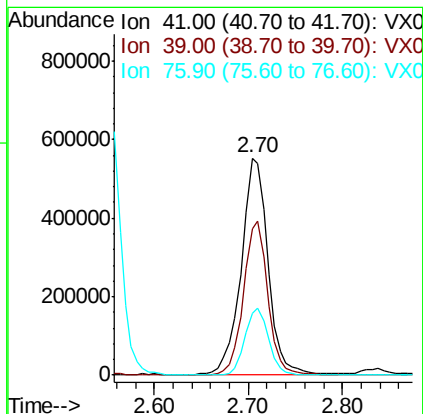
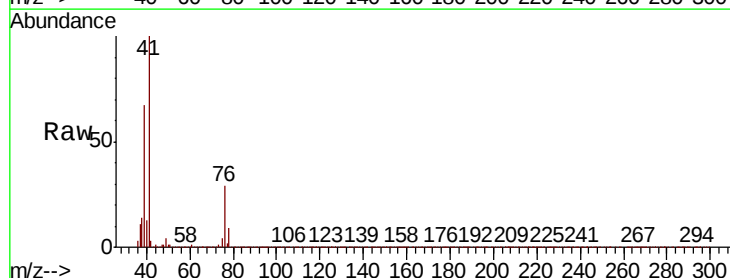
Tgt Ion: 41 Resp: 1094536

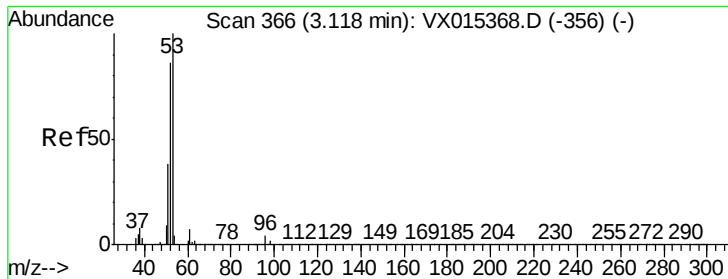
Ion Ratio Lower Upper

41 100

39 64.2 51.4 77.0

76 27.3 21.8 32.8





#15

Acrylonitrile

Concen: 290.000 ug/l

RT: 3.12 min Scan# 366

Delta R.T. 0.00 min

Lab File: VX015368.D

Acq: 26 Mar 2020 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 53 Resp: 1725859

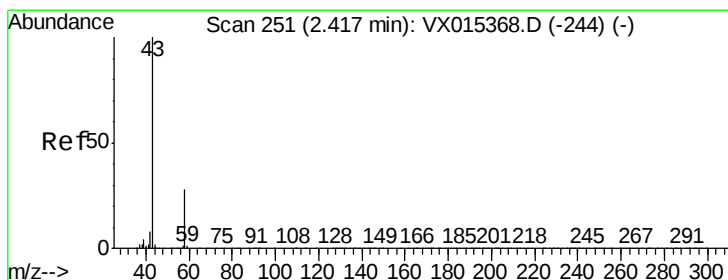
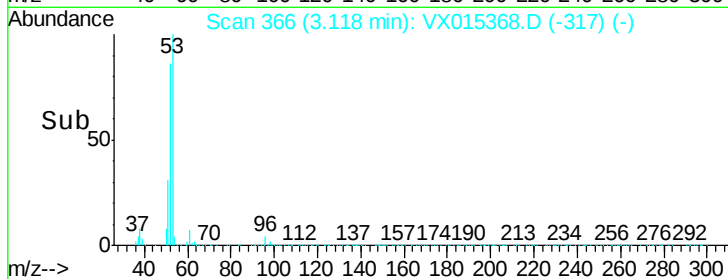
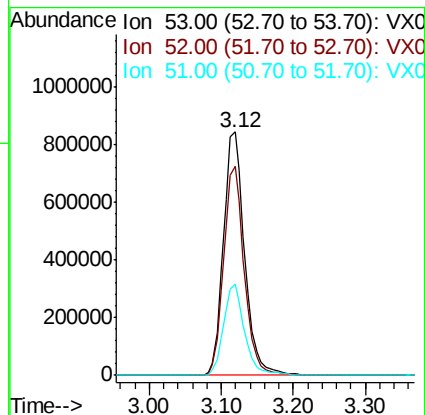
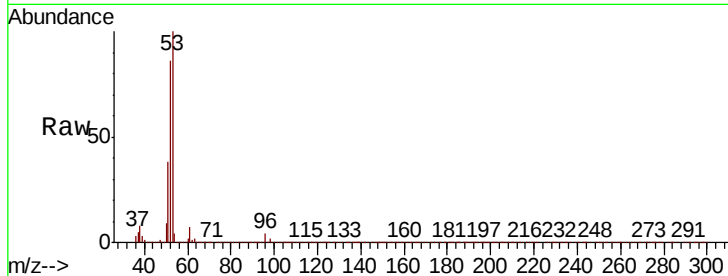
Ion	Ratio	Lower	Upper
53	100		
52	83.5	66.8	100.2
51	36.9	29.5	44.3

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#16

Acetone

Concen: 313.106 ug/l

RT: 2.42 min Scan# 251

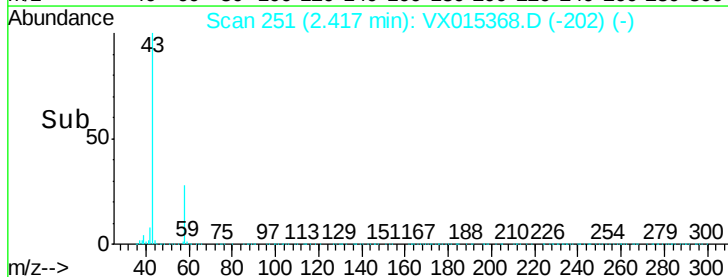
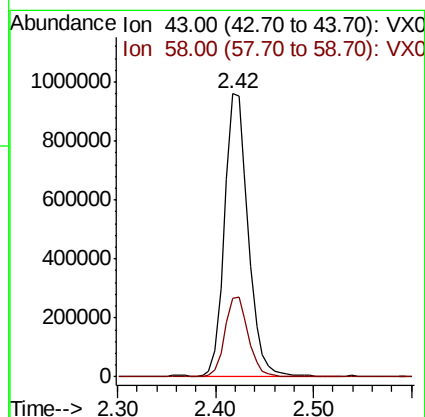
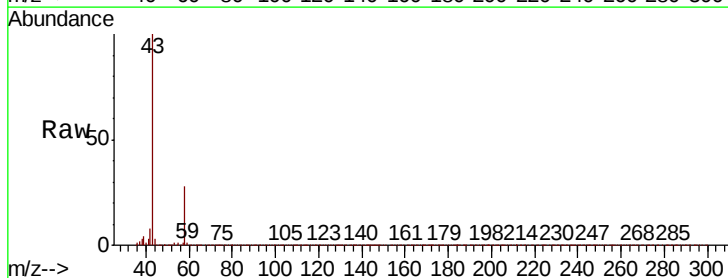
Delta R.T. 0.00 min

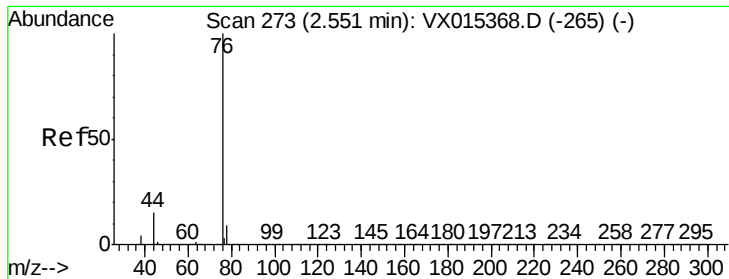
Lab File: VX015368.D

Acq: 26 Mar 2020 20:39

Tgt Ion: 43 Resp: 1588602

Ion	Ratio	Lower	Upper
43	100		
58	27.6	22.1	33.1





#17

Carbon Disulfide

Concen: 41.748 ug/l

RT: 2.55 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX015368.D

Acq: 26 Mar 2020 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 76 Resp: 1274057

Ion Ratio Lower Upper

76 100

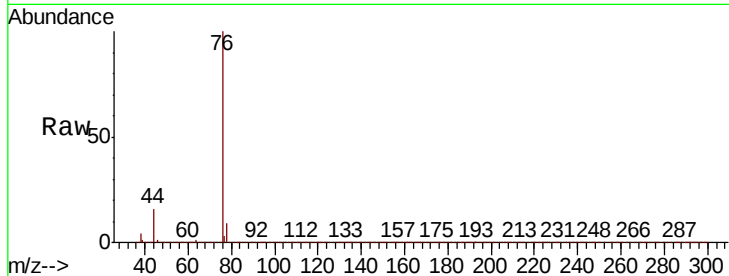
78 8.9 7.1 10.7

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

800000

600000

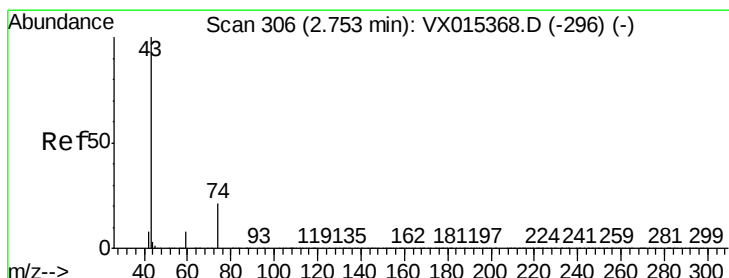
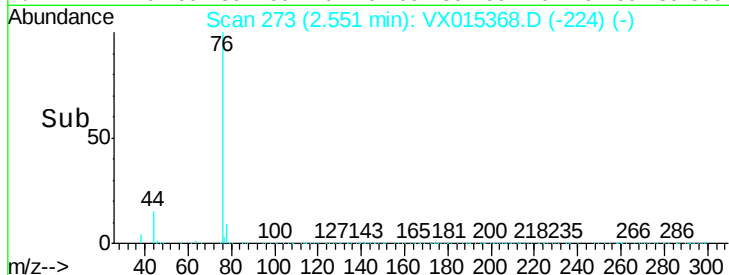
400000

200000

0

2.50 2.60 2.70

Time-->



#18

Methyl Acetate

Concen: 64.448 ug/l

RT: 2.75 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX015368.D

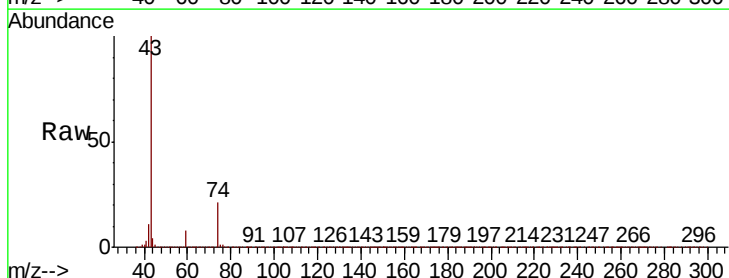
Acq: 26 Mar 2020 20:39

Tgt Ion: 43 Resp: 823143

Ion Ratio Lower Upper

43 100

74 20.6 16.5 24.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

500000

400000

300000

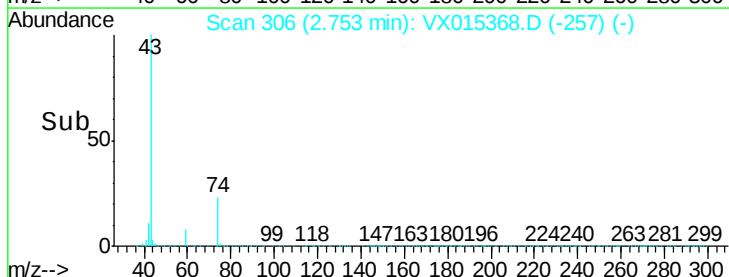
200000

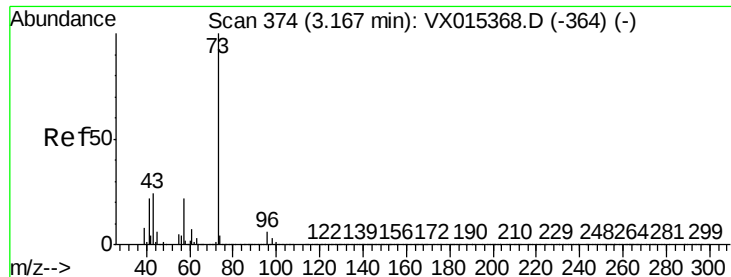
100000

0

2.65 2.70 2.75 2.80 2.85

Time-->





#19

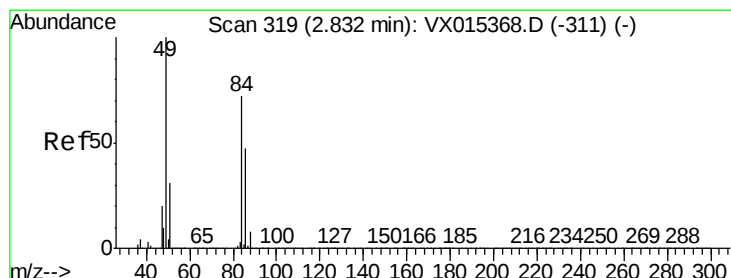
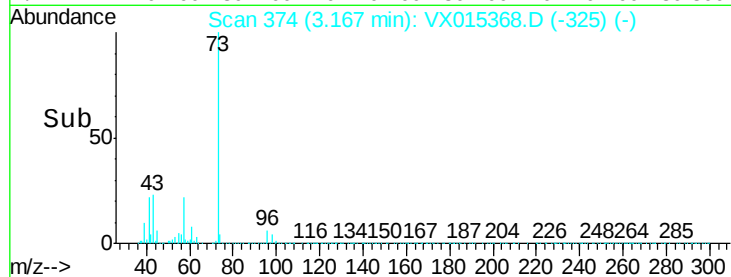
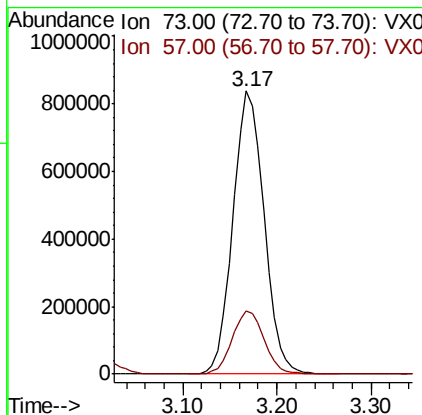
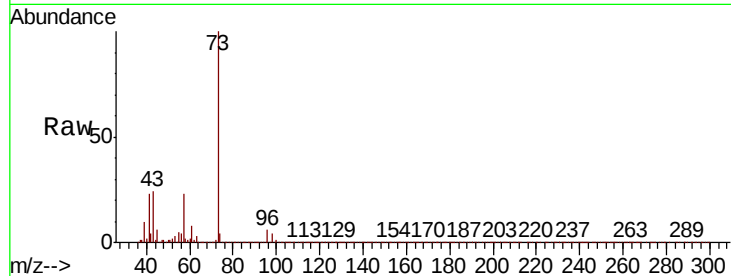
Methyl tert-butyl Ether
Concen: 56.389 ug/l
RT: 3.17 min Scan# 374
Delta R.T. 0.00 min
Lab File: VX015368.D
Acq: 26 Mar 2020 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion: 73 Resp: 1932195
Ion Ratio Lower Upper
73 100
57 22.4 17.9 26.9

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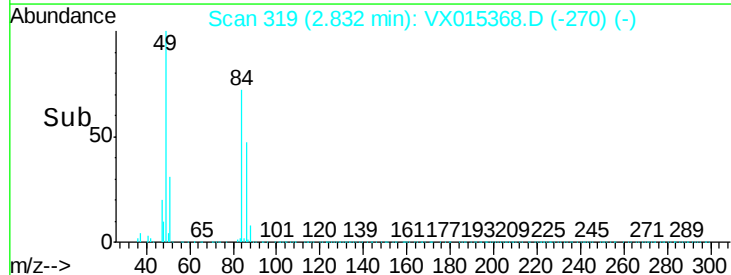
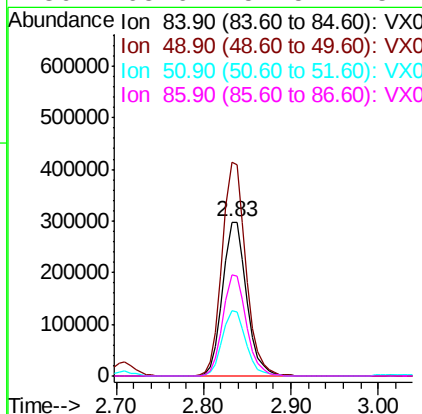
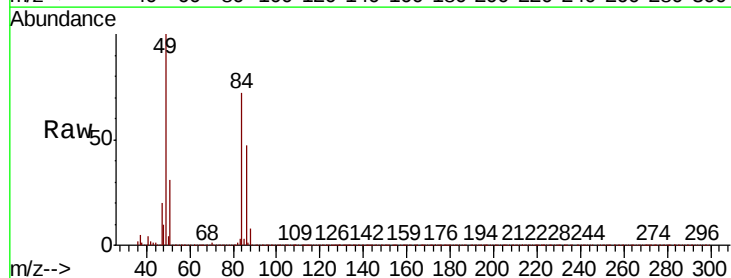
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#20

Methylene Chloride
Concen: 42.133 ug/l
RT: 2.83 min Scan# 319
Delta R.T. 0.00 min
Lab File: VX015368.D
Acq: 26 Mar 2020 20:39

Tgt Ion: 84 Resp: 563270
Ion Ratio Lower Upper
84 100
49 139.1 111.3 166.9
51 42.5 34.0 51.0
86 65.6 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 40.355 ug/l

RT: 3.14 min Scan# 370

Delta R.T. 0.00 min

Lab File: VX015368.D

Acq: 26 Mar 2020 20:39

Instrument :

MSVOA_X

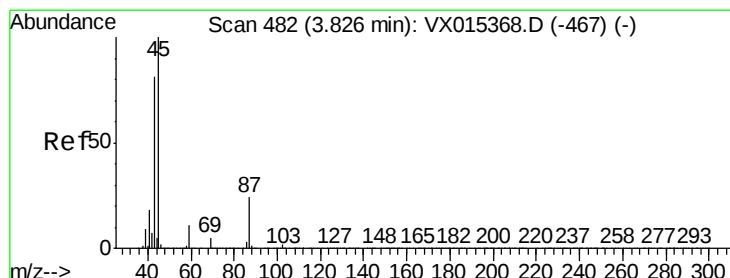
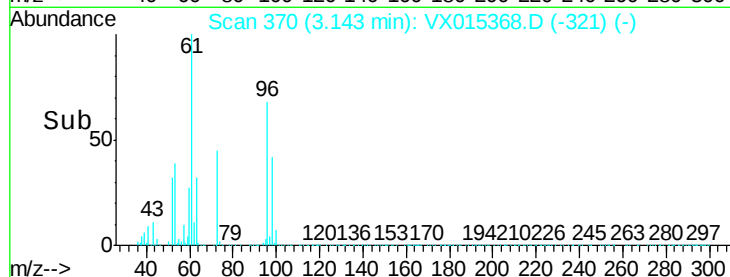
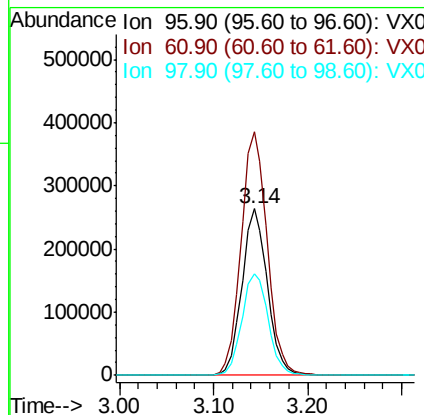
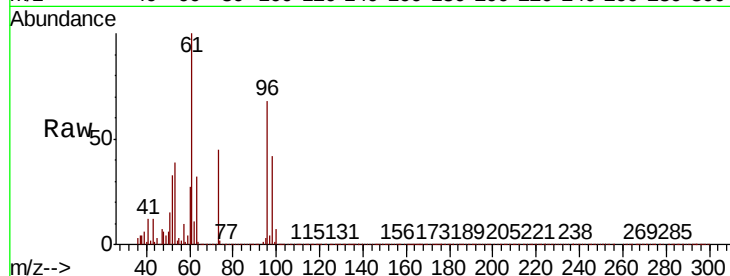
ClientSampleId :

VSTDICCC050

Tot Ion:	96	Resp:	495688
Ion	Ratio	Lower	Upper
96	100		
61	146.1	116.9	175.3
98	60.8	48.6	73.0

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#22

Diisopropyl ether

Concen: 57.362 ug/l

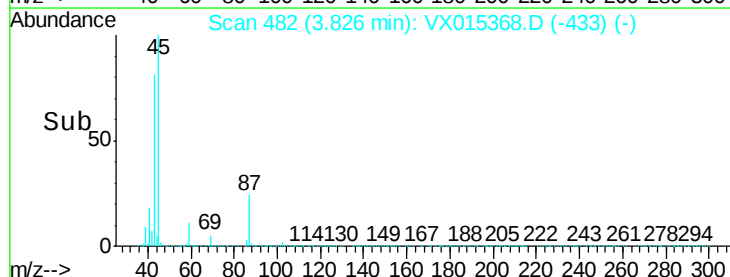
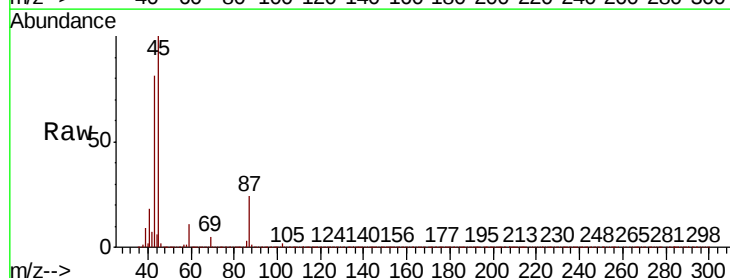
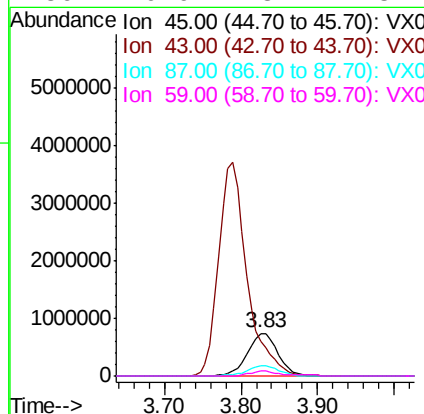
RT: 3.83 min Scan# 482

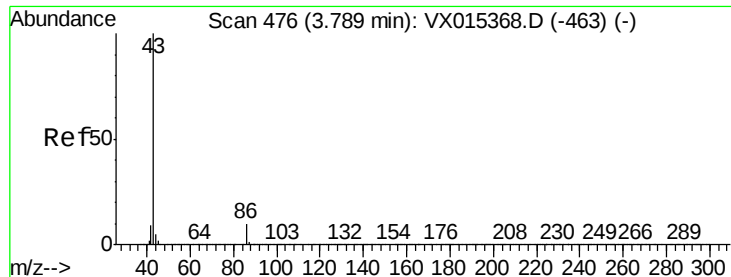
Delta R.T. 0.00 min

Lab File: VX015368.D

Acq: 26 Mar 2020 20:39

Tgt Ion:	45	Resp:	2040972
Ion	Ratio	Lower	Upper
45	100		
43	80.9	64.7	97.1
87	24.2	19.4	29.0
59	10.9	8.7	13.1





#23

Vinyl Acetate

Concen: 327.411 ug/l

RT: 3.79 min Scan# 476

Delta R.T. 0.00 min

Lab File: VX015368.D

Acq: 26 Mar 2020 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 9548716

Ion Ratio Lower Upper

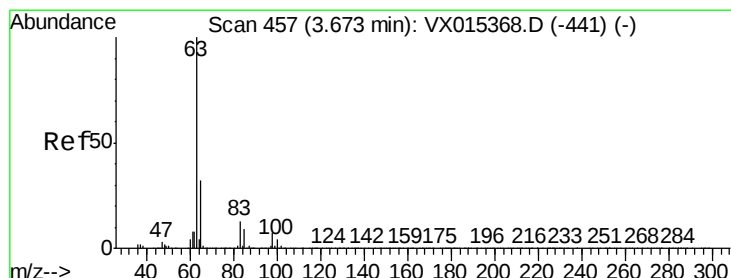
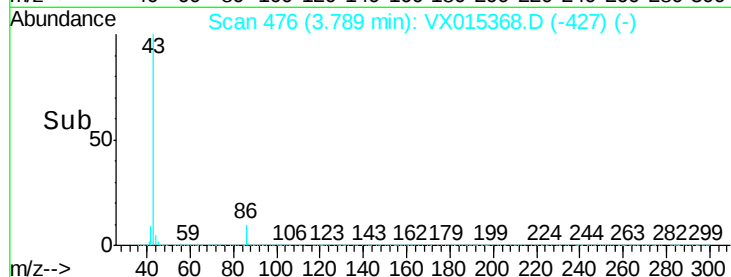
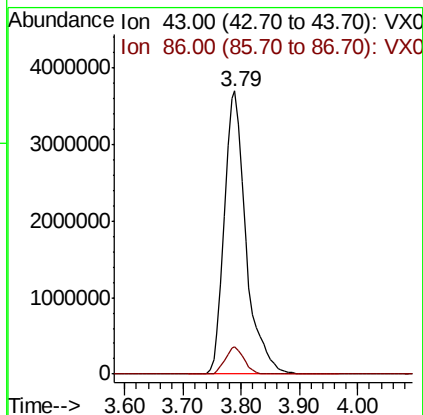
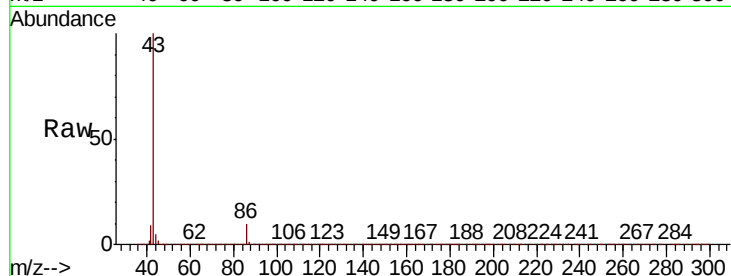
43 100

86 9.7 7.8 11.6

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#24

1,1-Dichloroethane

Concen: 47.272 ug/l

RT: 3.67 min Scan# 457

Delta R.T. 0.00 min

Lab File: VX015368.D

Acq: 26 Mar 2020 20:39

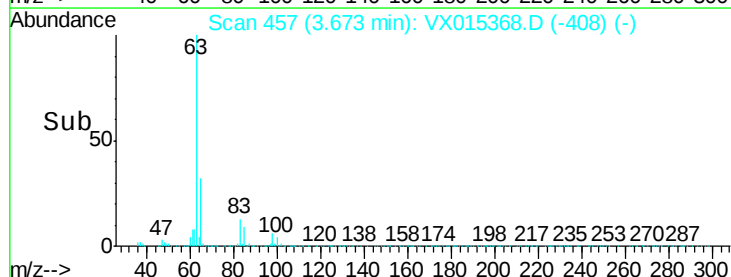
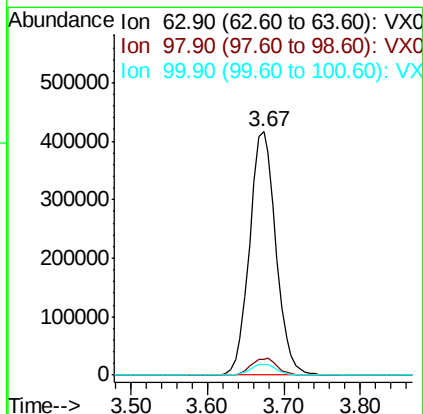
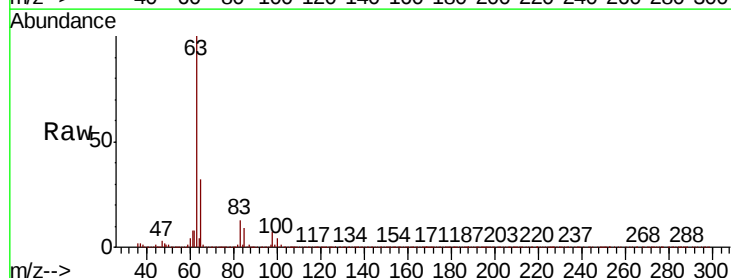
Tgt Ion: 63 Resp: 998571

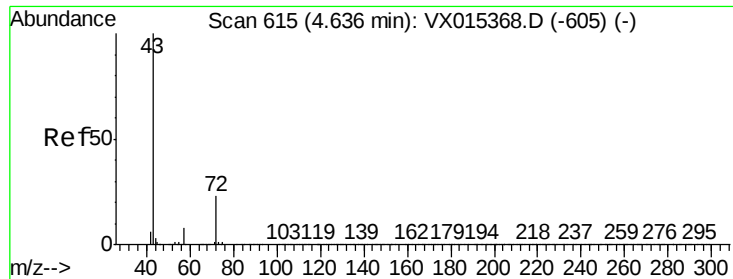
Ion Ratio Lower Upper

63 100

98 6.5 3.3 9.8

100 4.3 2.1 6.5





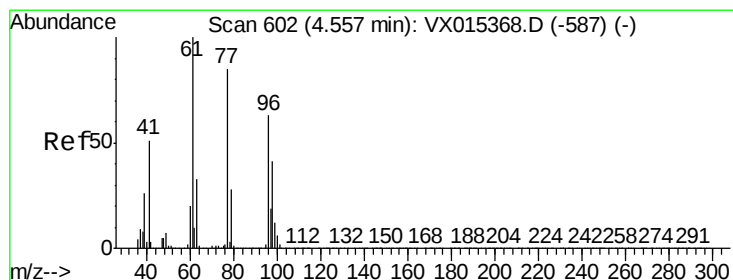
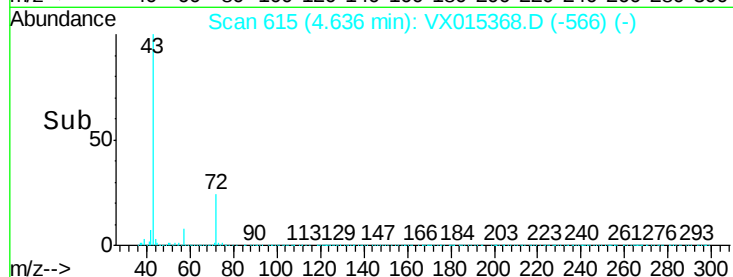
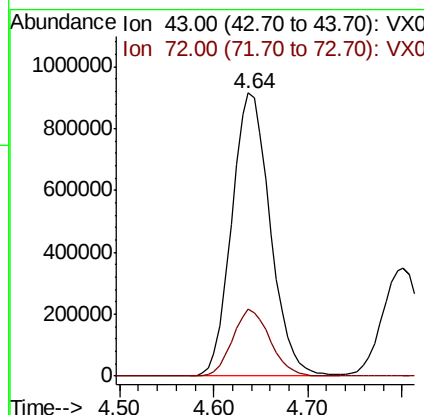
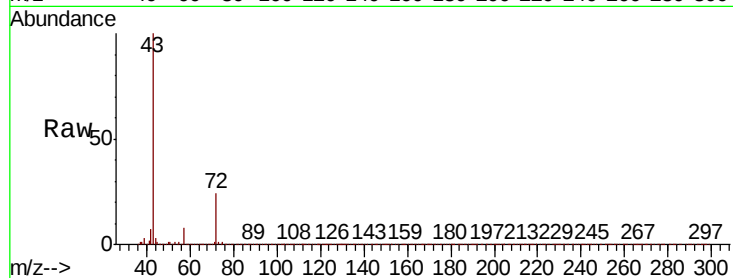
#25
2-Butanone
Concen: 334.474 ug/l
RT: 4.64 min Scan# 615
Delta R.T. 0.00 min
Lab File: VX015368.D
Acq: 26 Mar 2020 20:39

Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

Tot Ion: 43 Resp: 2589426
Ion Ratio Lower Upper
43 100
72 23.7 19.0 28.4

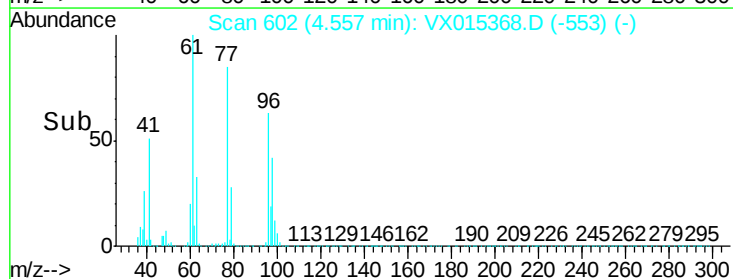
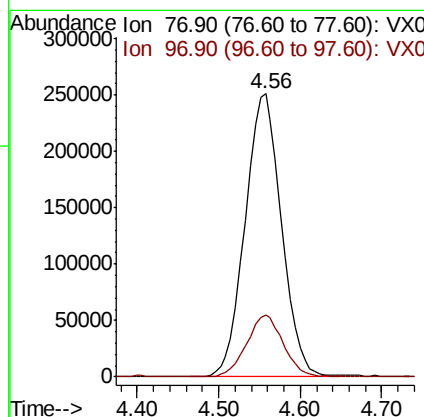
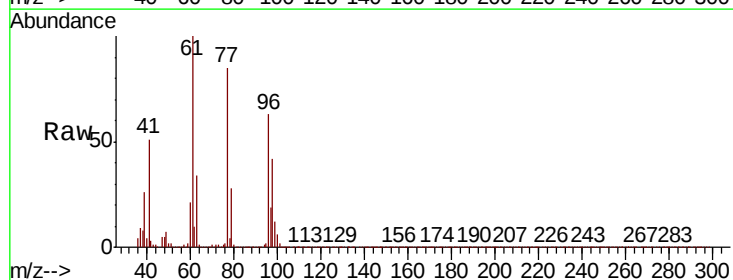
Manual Integrations
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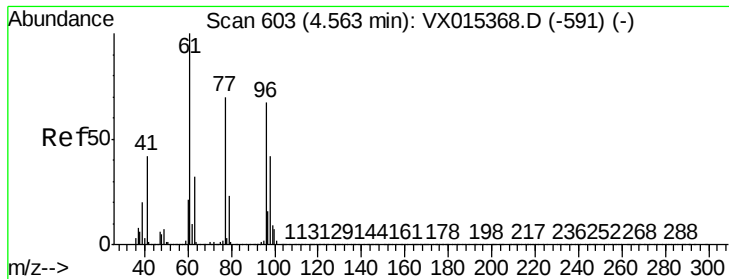
apatel
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#26
2,2-Dichloropropane
Concen: 47.040 ug/l
RT: 4.56 min Scan# 602
Delta R.T. 0.00 min
Lab File: VX015368.D
Acq: 26 Mar 2020 20:39

Tgt Ion: 77 Resp: 774180
Ion Ratio Lower Upper
77 100
97 22.5 11.3 33.8





#27

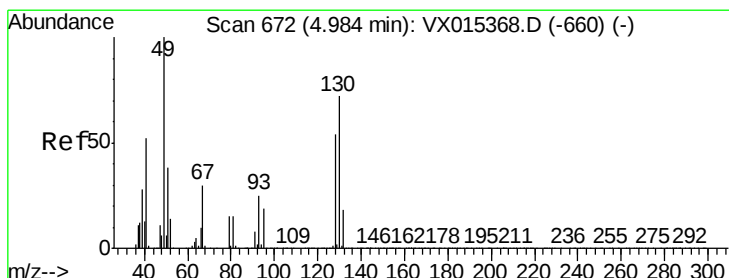
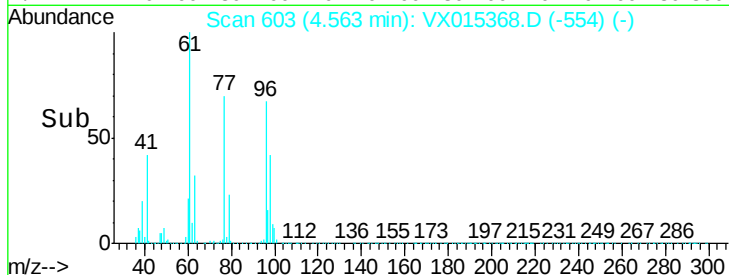
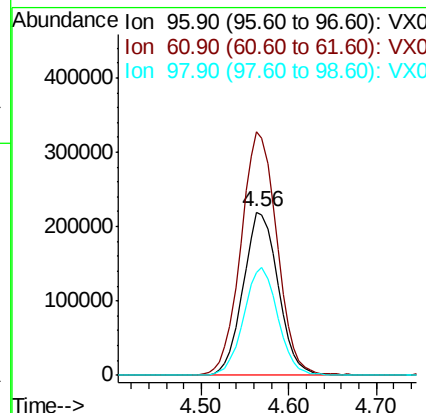
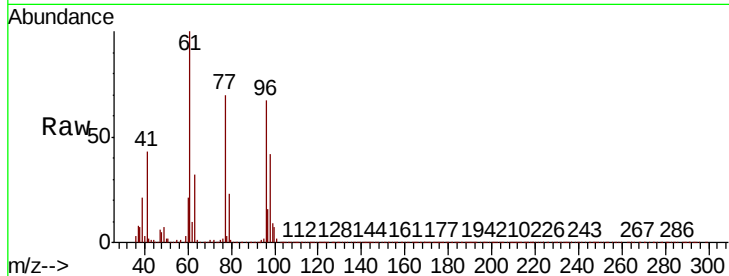
cis-1,2-Dichloroethene
Concen: 44.851 ug/l
RT: 4.56 min Scan# 603
Delta R.T. 0.00 min
Lab File: VX015368.D
Acq: 26 Mar 2020 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	154.2	0.0	308.4
98	64.6	0.0	129.2

Manual Integrations
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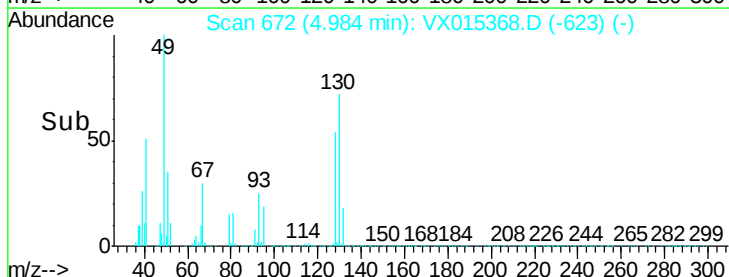
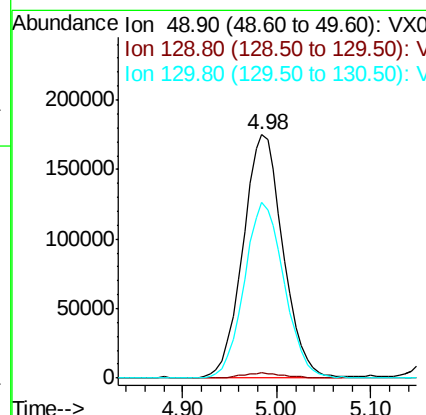
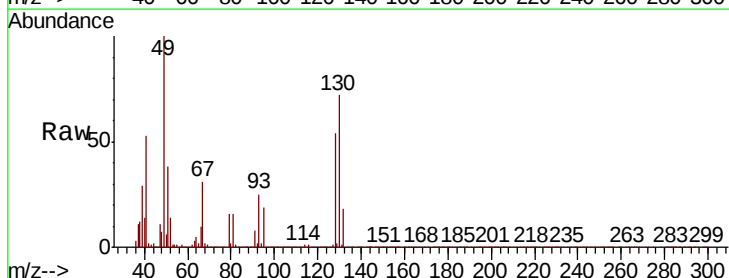
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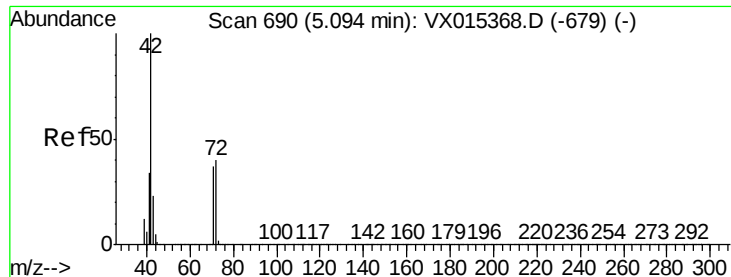


#28

Bromochloromethane
Concen: 57.795 ug/l
RT: 4.98 min Scan# 672
Delta R.T. 0.00 min
Lab File: VX015368.D
Acq: 26 Mar 2020 20:39

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.4
130	72.1	57.7	86.5





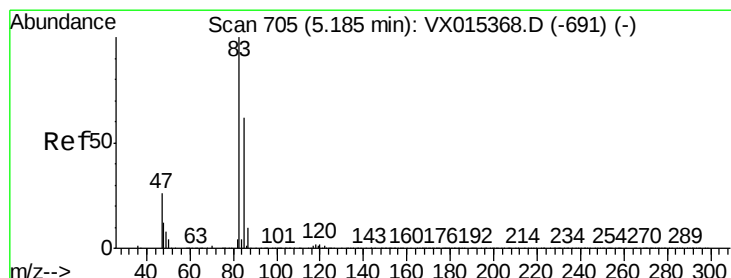
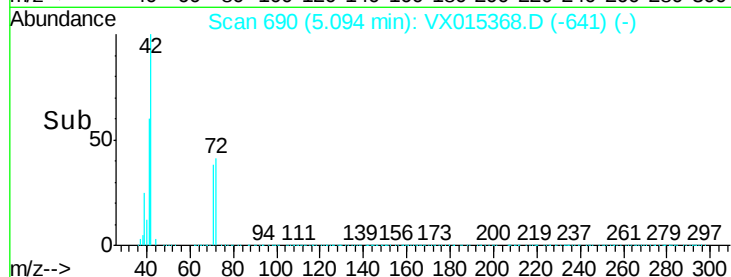
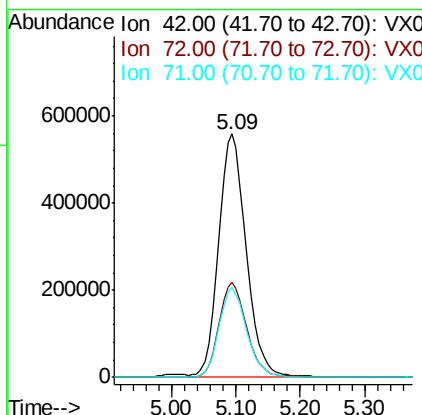
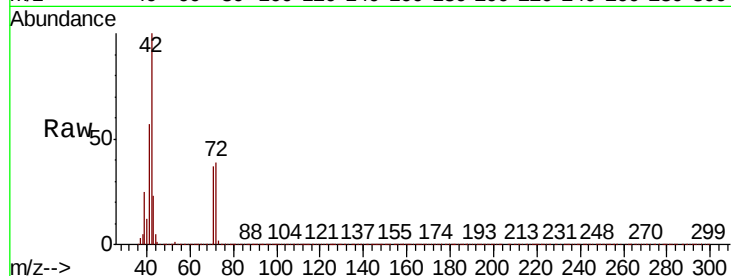
#29
Tetrahydrofuran
Concen: 332.583 ug/l
RT: 5.09 min Scan# 690
Delta R.T. 0.00 min
Lab File: VX015368.D
Acq: 26 Mar 2020 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion: 42 Resp: 1670049
Ion Ratio Lower Upper
42 100
72 39.6 31.7 47.5
71 37.0 29.6 44.4

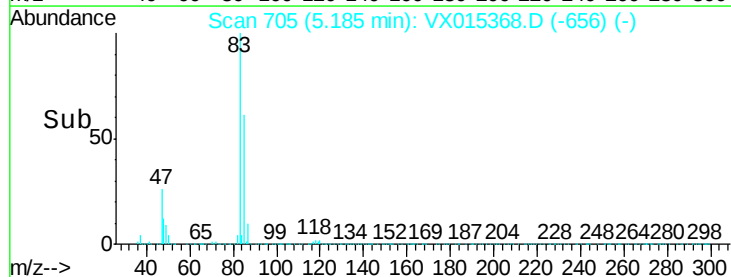
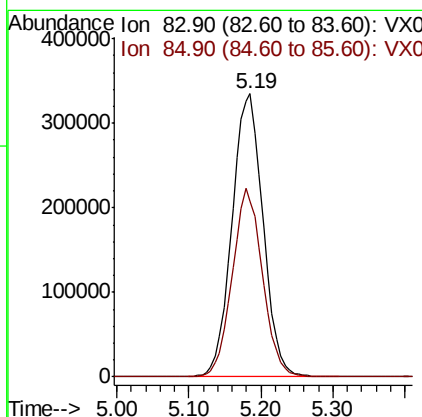
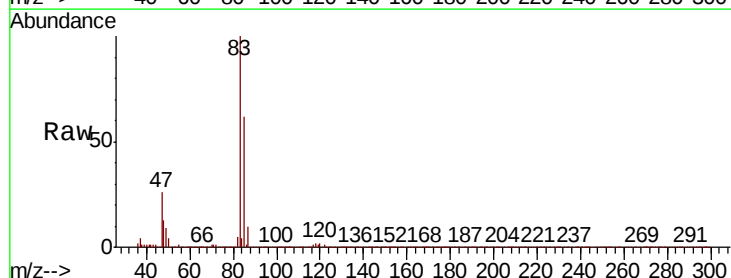
Manual Integrations
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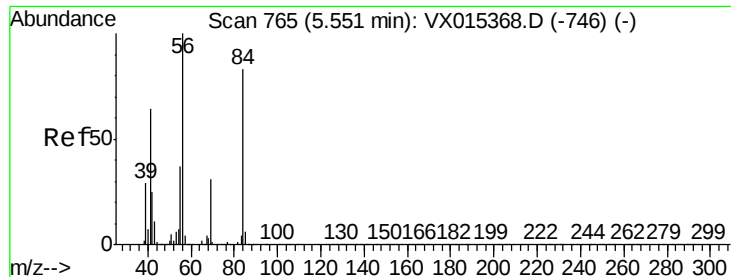
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#30
Chloroform
Concen: 46.739 ug/l
RT: 5.19 min Scan# 705
Delta R.T. 0.00 min
Lab File: VX015368.D
Acq: 26 Mar 2020 20:39

Tgt Ion: 83 Resp: 995066
Ion Ratio Lower Upper
83 100
85 61.9 49.5 74.3





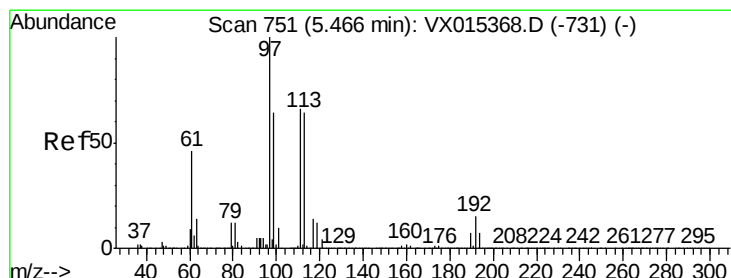
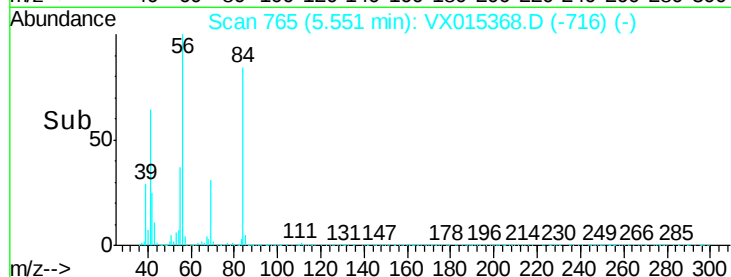
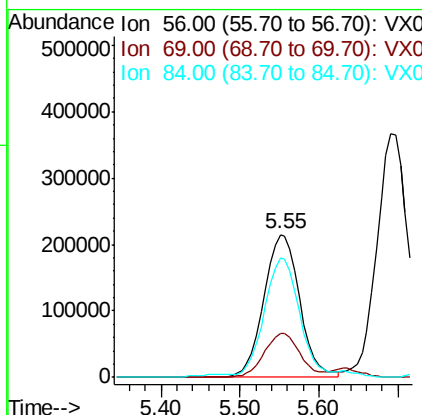
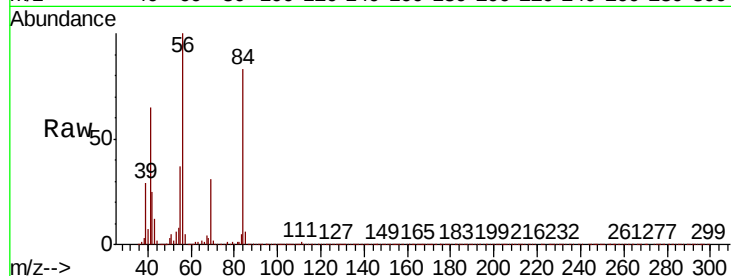
#31
Cyclohexane
Concen: 41.183 ug/l
RT: 5.55 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX015368.D
Acq: 26 Mar 2020 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.7	24.6	36.8
84	82.6	66.1	99.1

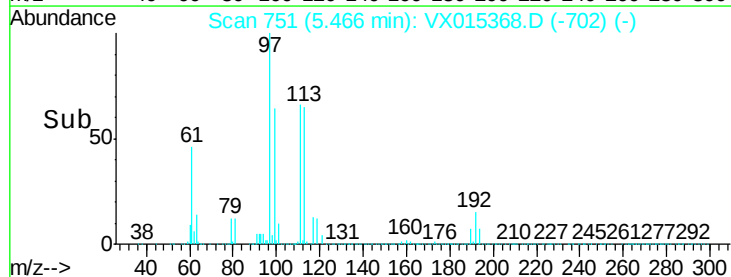
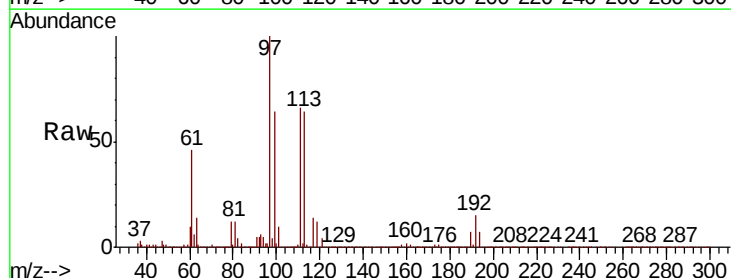
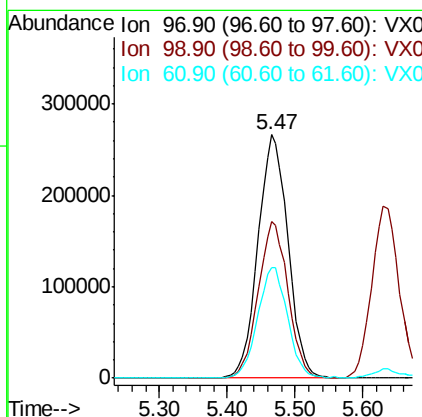
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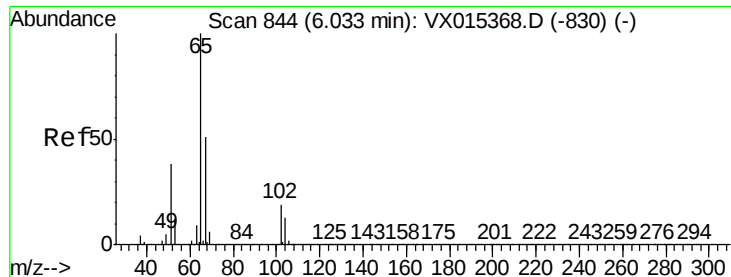
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#32
1,1,1-Trichloroethane
Concen: 46.993 ug/l
RT: 5.47 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX015368.D
Acq: 26 Mar 2020 20:39

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.0	76.4
61	45.1	36.1	54.1





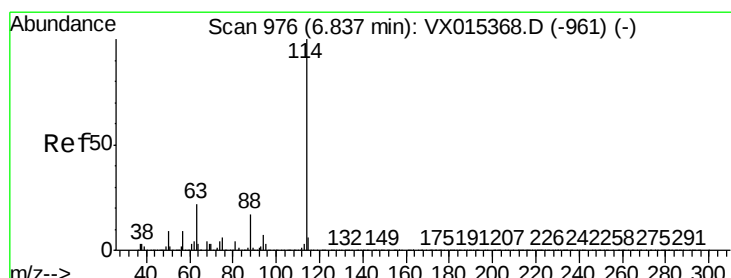
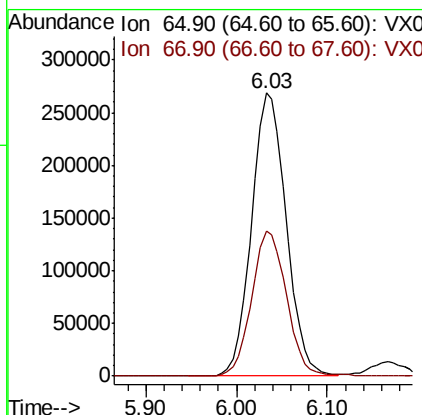
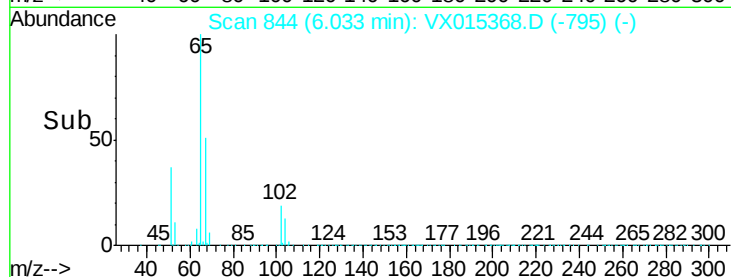
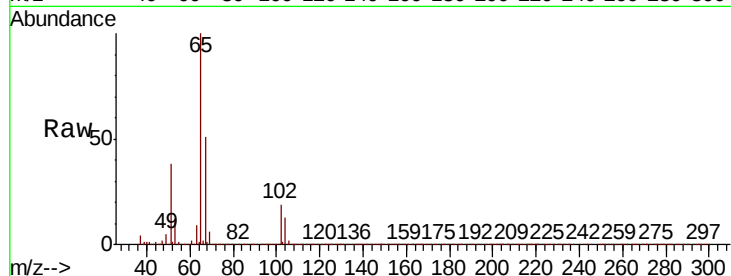
#33
 1,2-Dichloroethane-d4
 Concen: 59.397 ug/l
 RT: 6.03 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: VX015368.D
 Acq: 26 Mar 2020 20:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	102.6

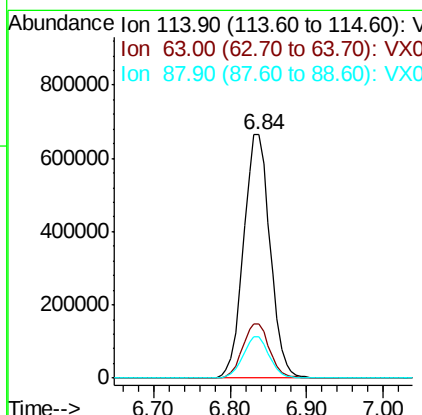
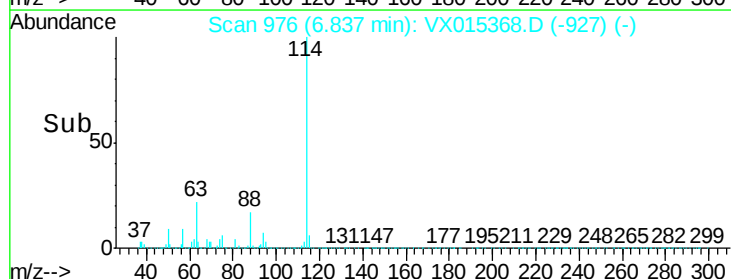
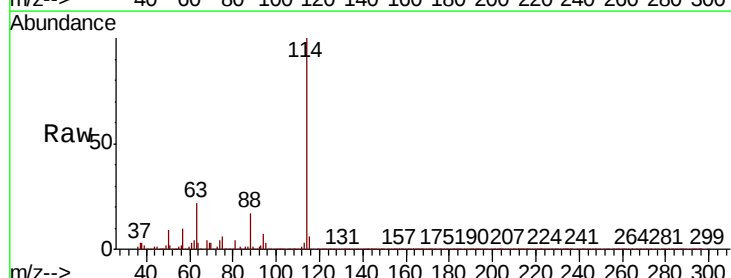
Manual Integrations
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: VX015368.D
 Acq: 26 Mar 2020 20:39

Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	44.2
88	16.9	0.0	33.8





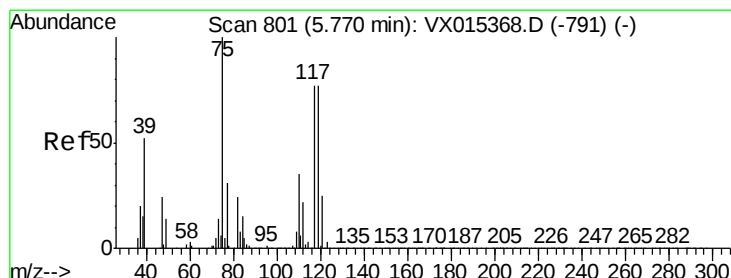
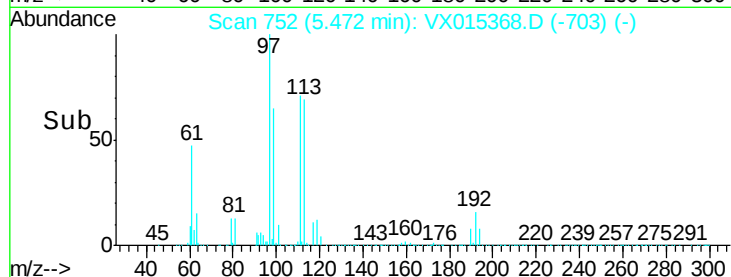
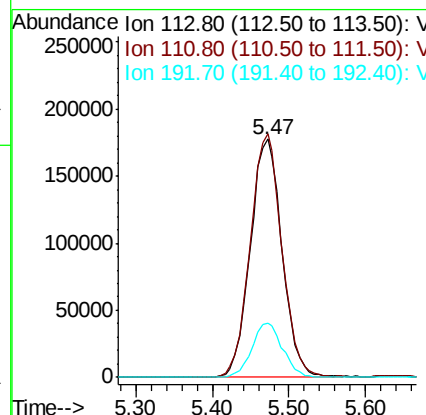
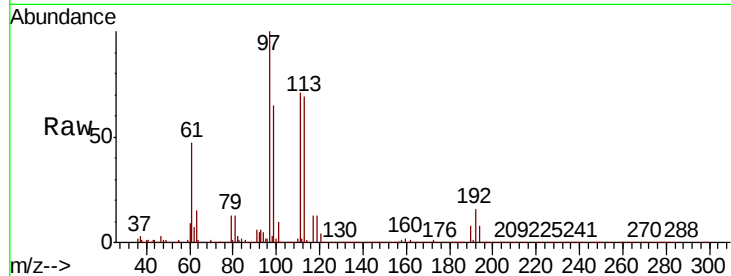
#35
Dibromofluoromethane
Concen: 48.806 ug/l
RT: 5.47 min Scan# 752
Delta R.T. 0.00 min
Lab File: VX015368.D
Acq: 26 Mar 2020 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.5	122.3
192	22.2	17.8	26.6

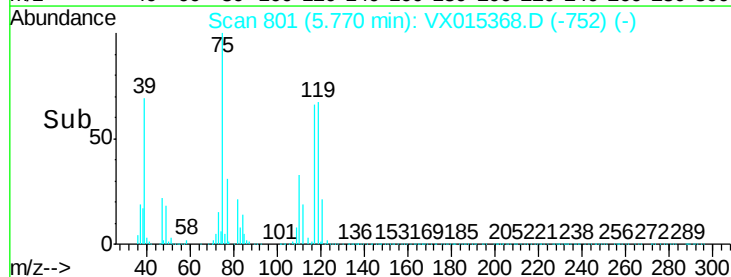
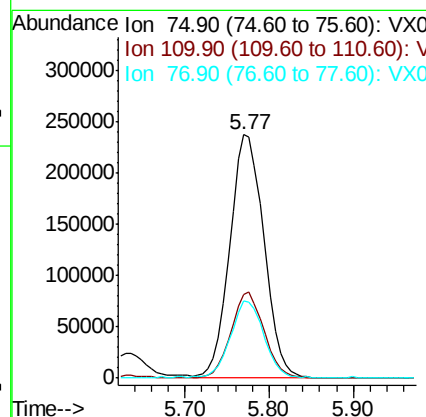
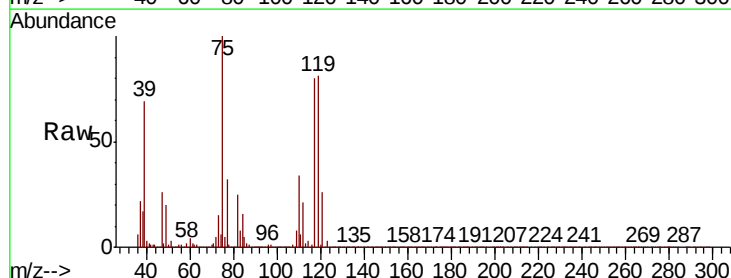
Manual Integrations
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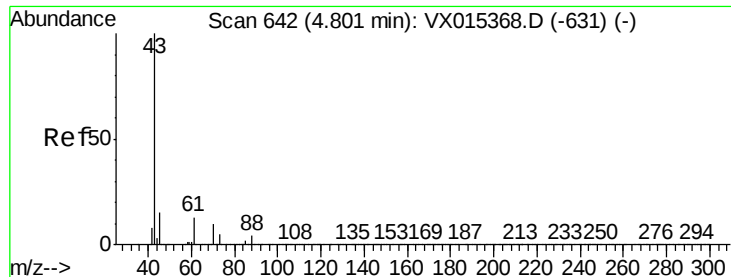
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#36
1,1-Dichloropropene
Concen: 43.598 ug/l
RT: 5.77 min Scan# 801
Delta R.T. 0.00 min
Lab File: VX015368.D
Acq: 26 Mar 2020 20:39

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.2	17.1	51.3
77	30.7	24.6	36.8





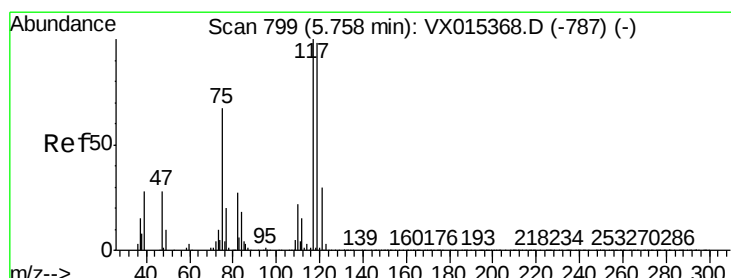
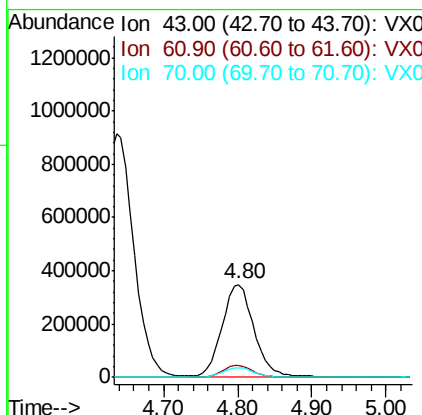
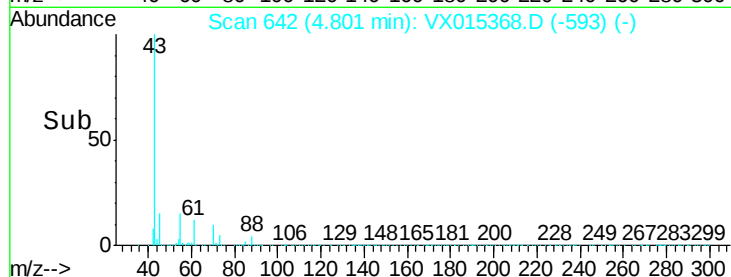
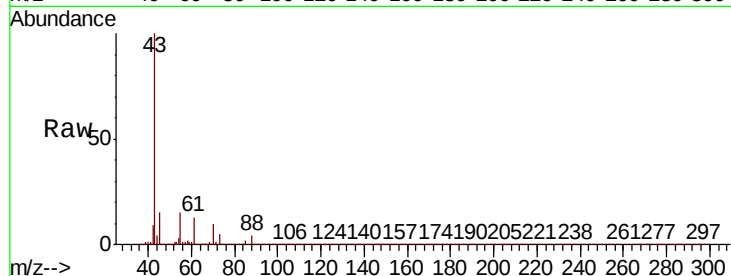
#37
Ethyl Acetate
Concen: 68.669 ug/l
RT: 4.80 min Scan# 642
Delta R.T. 0.00 min
Lab File: VX015368.D
Acq: 26 Mar 2020 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.4	9.9	14.9
70	10.1	8.1	12.1

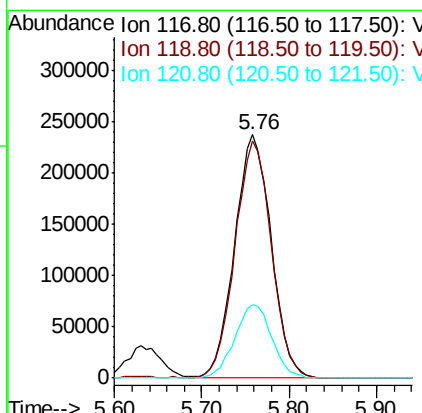
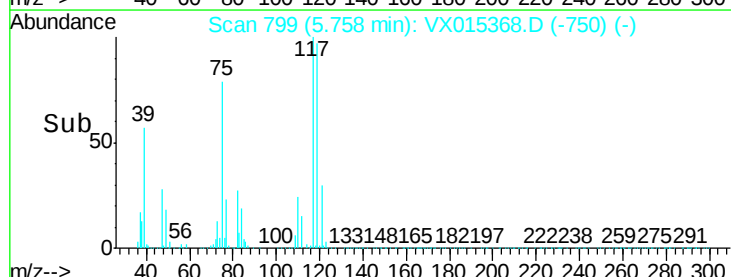
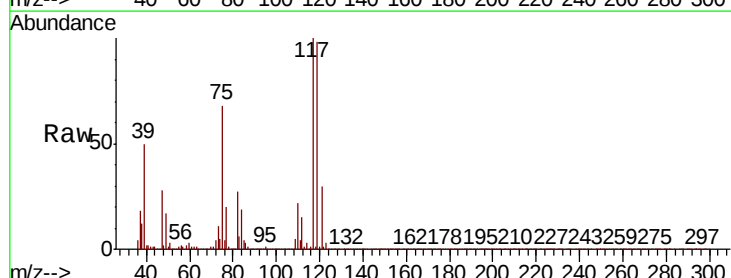
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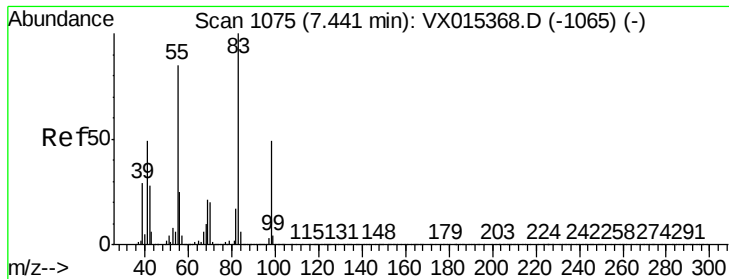
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#38
Carbon Tetrachloride
Concen: 47.985 ug/l
RT: 5.76 min Scan# 799
Delta R.T. 0.00 min
Lab File: VX015368.D
Acq: 26 Mar 2020 20:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.5	78.0	117.0
121	29.8	23.8	35.8





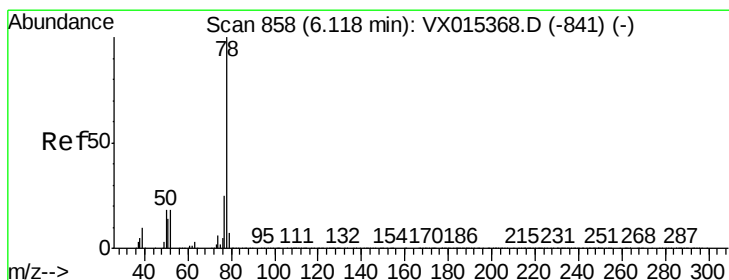
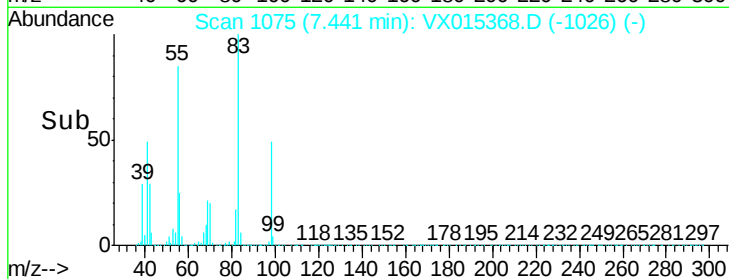
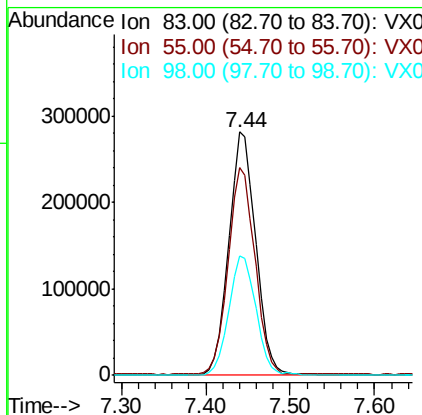
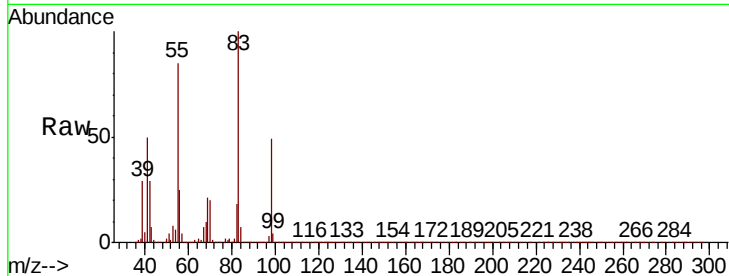
#39
Methvlcvclohexane
Concen: 35.111 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. 0.00 min
Lab File: VX015368.D
Acq: 26 Mar 2020 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	84.7	67.8	101.6
98	49.1	39.3	58.9

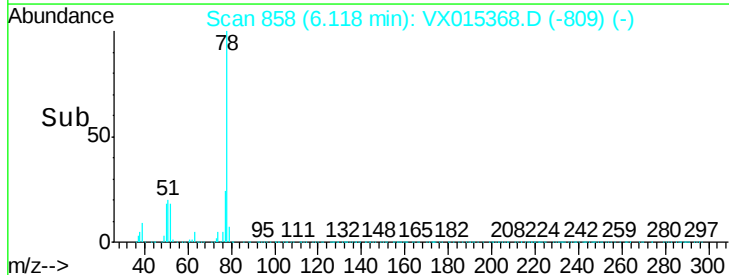
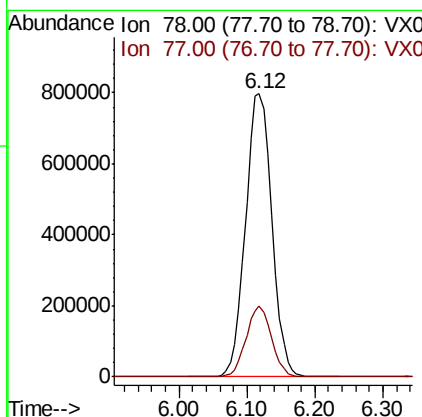
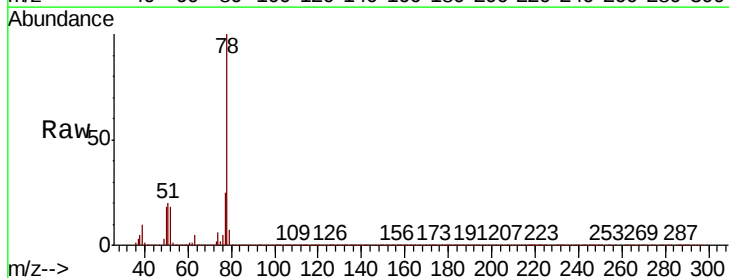
Manual Integrations
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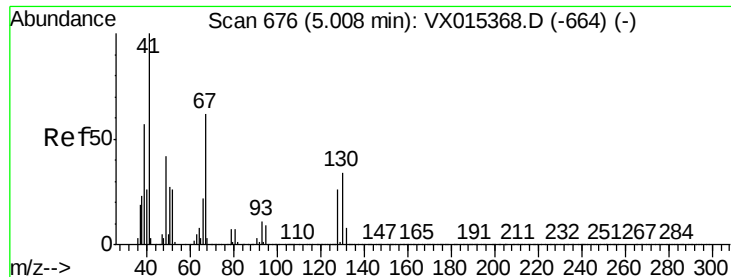
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#40
Benzene
Concen: 47.156 ug/l
RT: 6.12 min Scan# 858
Delta R.T. 0.00 min
Lab File: VX015368.D
Acq: 26 Mar 2020 20:39

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.8	19.8	29.8





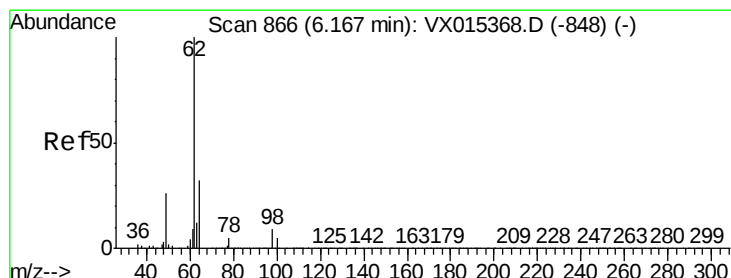
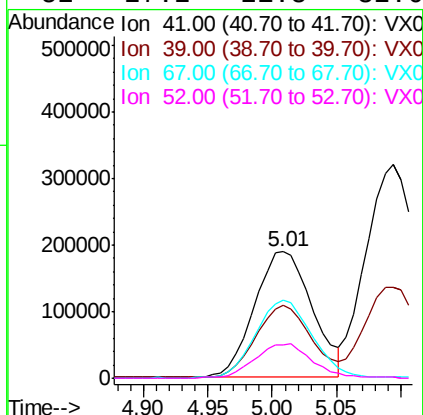
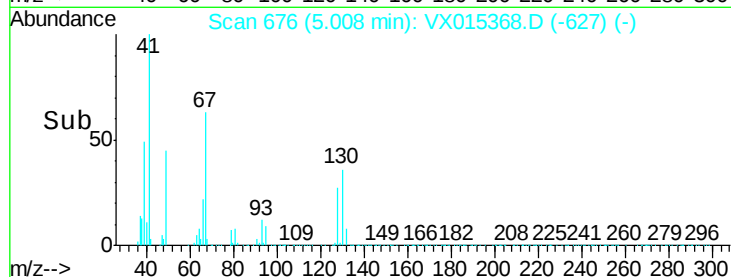
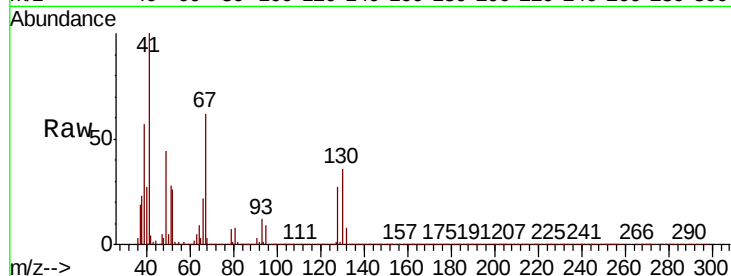
#41
Methacrylonitrile
Concen: 72.108 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX015368.D
Acq: 26 Mar 2020 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.6	44.5	66.7	
67	61.1	48.9	73.3	
52	27.2	21.8	32.6	

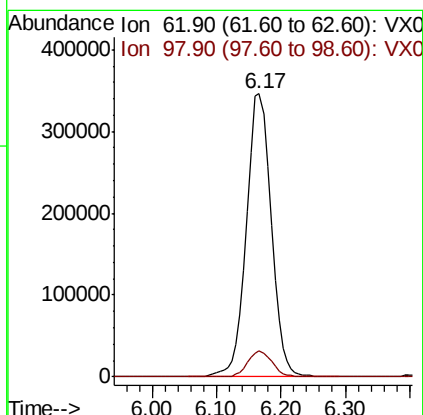
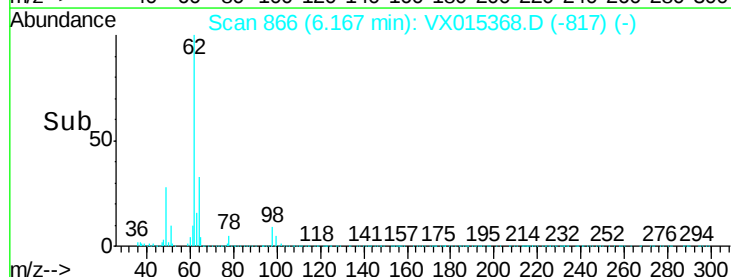
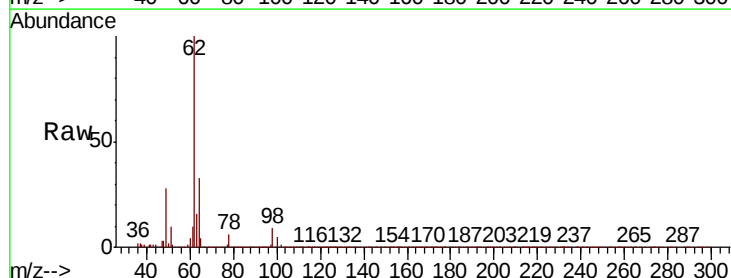
Manual Integrations
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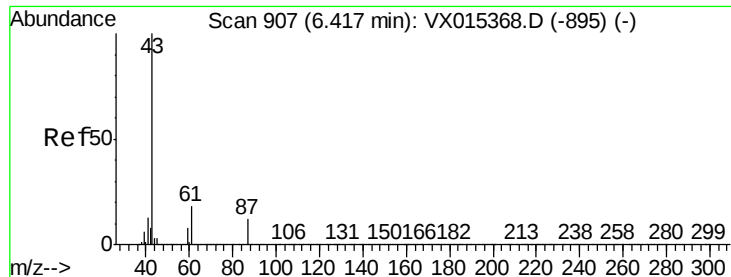
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#42
1,2-Dichloroethane
Concen: 62.505 ug/l
RT: 6.17 min Scan# 866
Delta R.T. 0.00 min
Lab File: VX015368.D
Acq: 26 Mar 2020 20:39

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.8	0.0	17.6	





#43

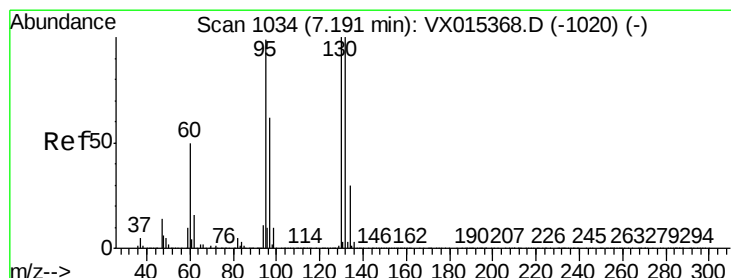
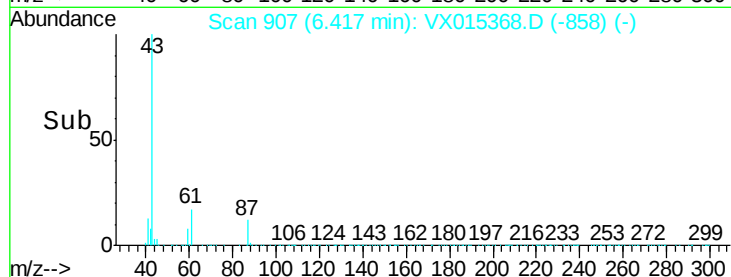
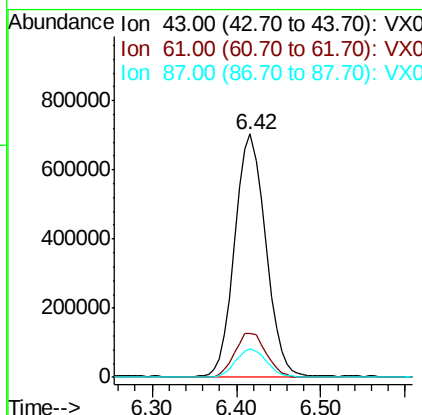
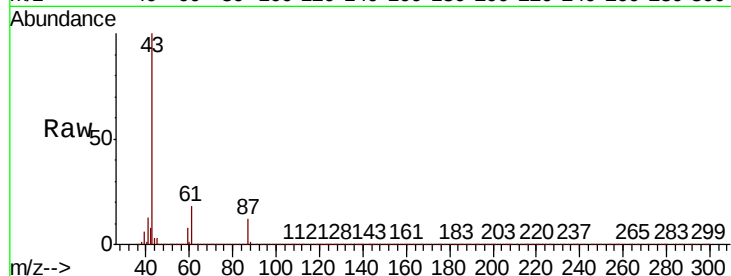
Isopropyl Acetate
 Concen: 75.325 ug/l
 RT: 6.42 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: VX015368.D
 Acq: 26 Mar 2020 20:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.5	14.8	22.2
87	11.7	9.4	14.0

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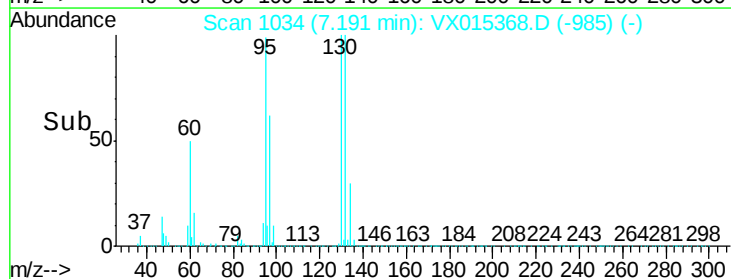
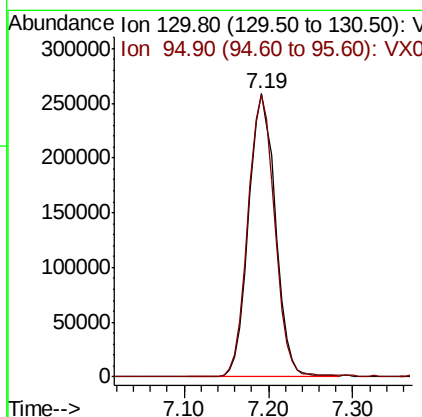
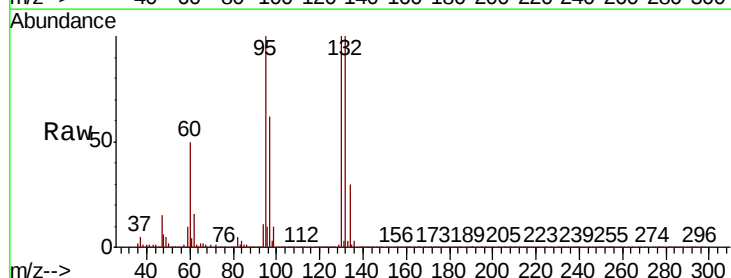
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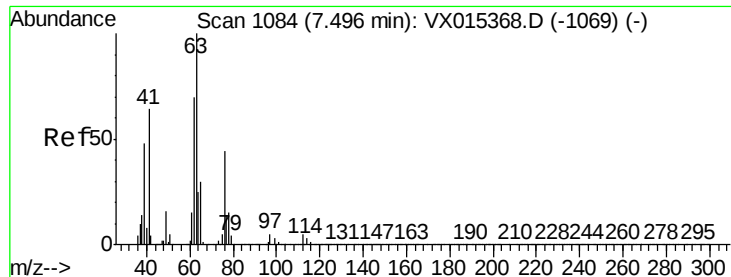


#44

Trichloroethene
 Concen: 44.428 ug/l
 RT: 7.19 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: VX015368.D
 Acq: 26 Mar 2020 20:39

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.5	0.0	199.0





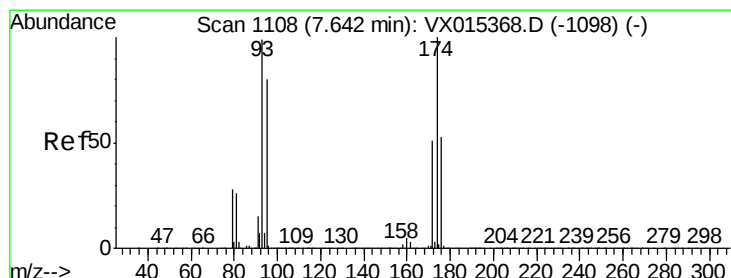
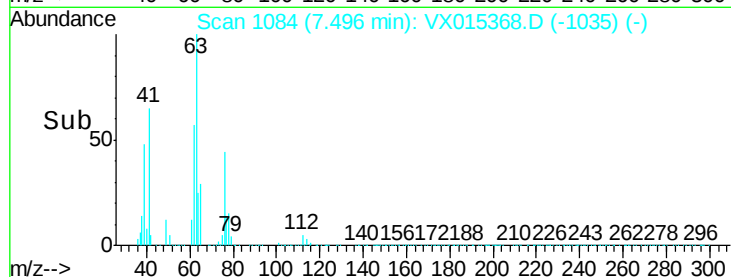
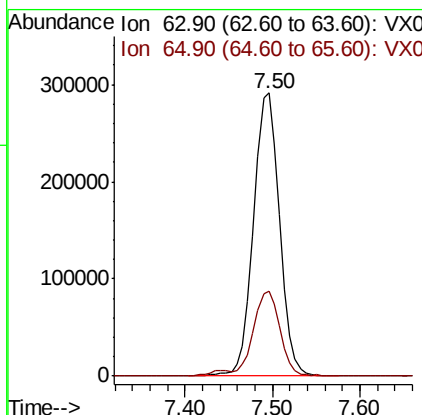
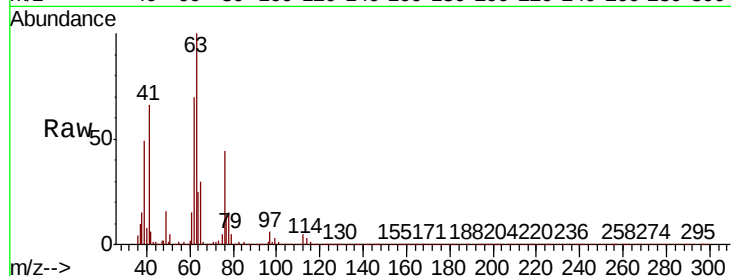
#45
 1,2-Dichloropropane
 Concen: 54.558 ug/l
 RT: 7.50 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: VX015368.D
 Acq: 26 Mar 2020 20:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.9	23.9	35.9

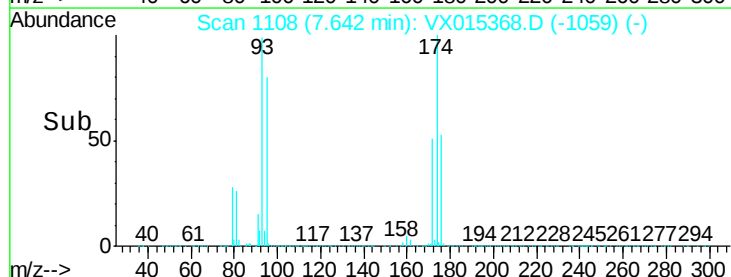
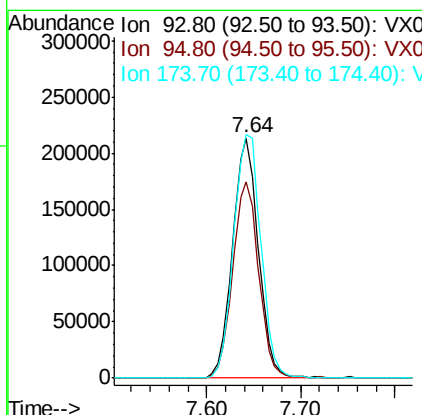
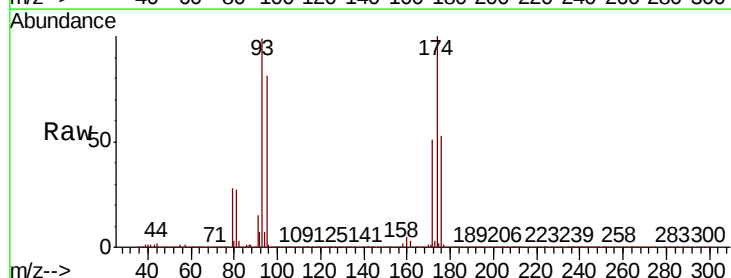
Manual Integrations
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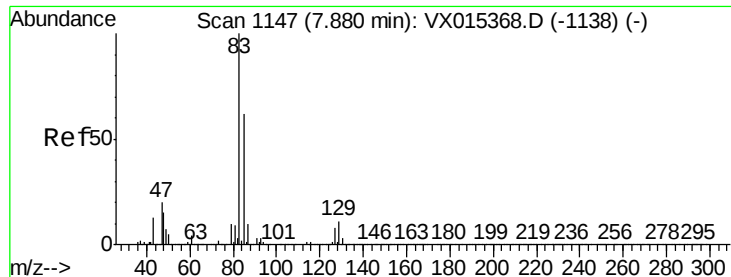
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#46
 Dibromomethane
 Concen: 52.442 ug/l
 RT: 7.64 min Scan# 1108
 Delta R.T. 0.00 min
 Lab File: VX015368.D
 Acq: 26 Mar 2020 20:39

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.3	65.8	98.8
174	107.7	86.2	129.2





#47

Bromodichloromethane

Concen: 59.048 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. 0.00 min

Lab File: VX015368.D

Acq: 26 Mar 2020 20:39

Instrument :

MSVOA_X

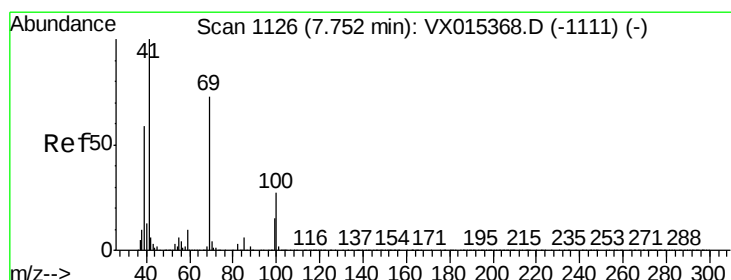
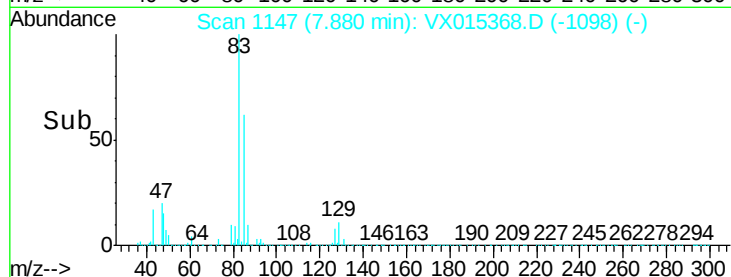
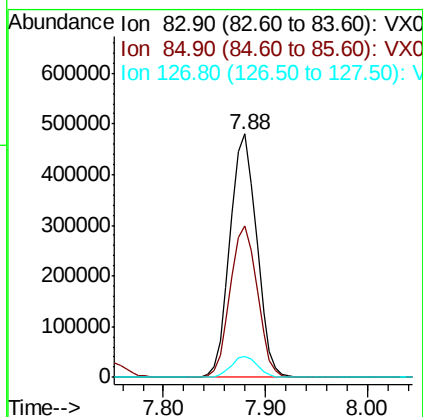
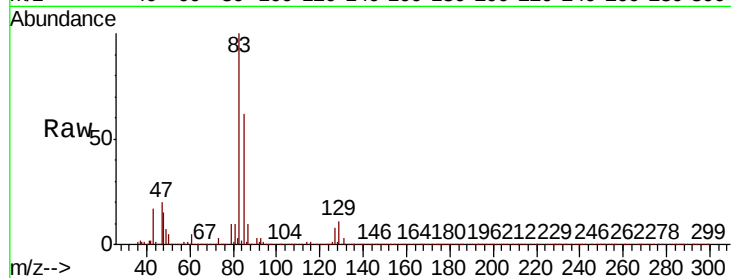
ClientSampleId :

VSTDICCC050

Tot Ion:	83	Resp:	870203
Ion Ratio	Lower	Upper	
83	100		
85	62.1	49.7	74.5
127	8.4	6.7	10.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 78.288 ug/l

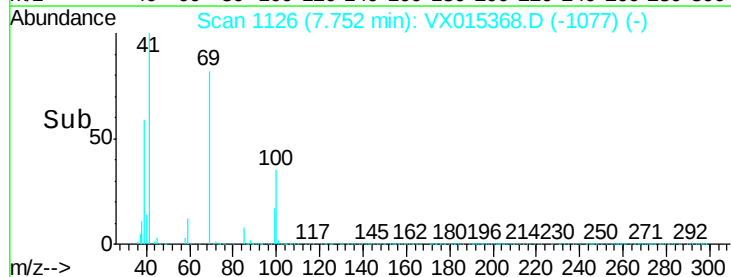
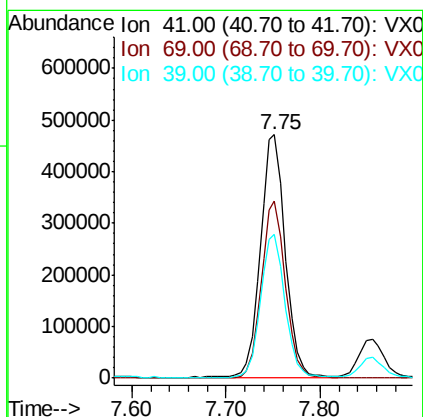
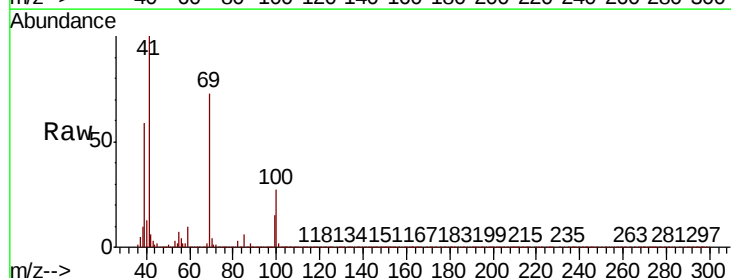
RT: 7.75 min Scan# 1126

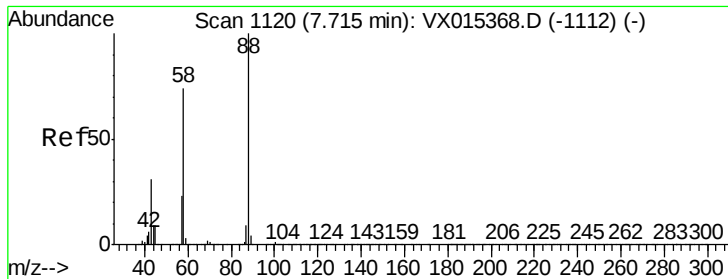
Delta R.T. 0.00 min

Lab File: VX015368.D

Acq: 26 Mar 2020 20:39

Tgt Ion:	41	Resp:	869921
Ion Ratio	Lower	Upper	
41	100		
69	70.9	56.7	85.1
39	58.1	46.5	69.7





#49

1,4-Dioxane

Concen: 1154.574 ug/l

RT: 7.72 min Scan# 1120

Delta R.T. 0.00 min

Lab File: VX015368.D

Acq: 26 Mar 2020 20:39

Instrument :

MSVOA_X

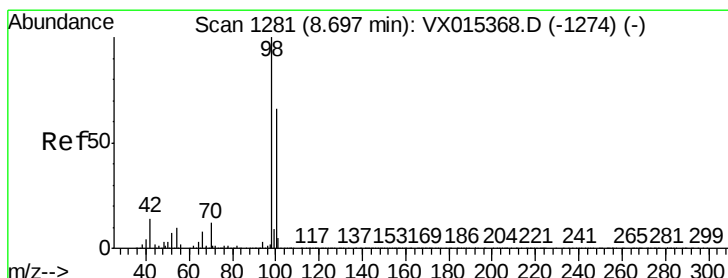
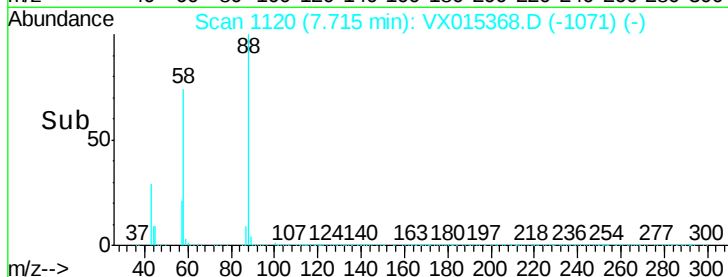
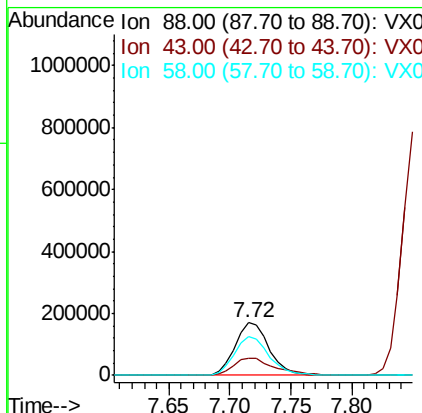
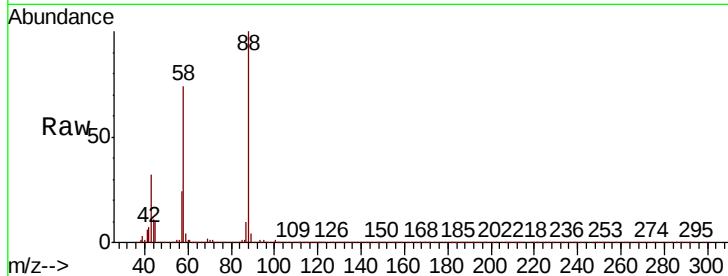
ClientSampleId :

VSTDICCC050

Tot Ion:	88	Resp:	326471
Ion Ratio	Lower	Upper	
88	100		
43	37.6	30.1	45.1
58	75.7	60.6	90.8

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#50

Toluene-d8

Concen: 47.317 ug/l

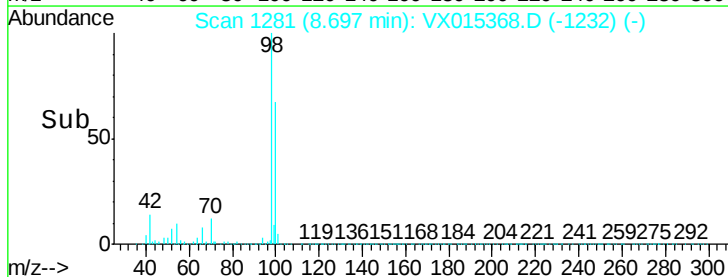
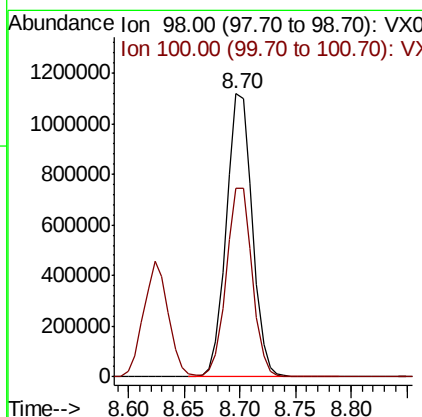
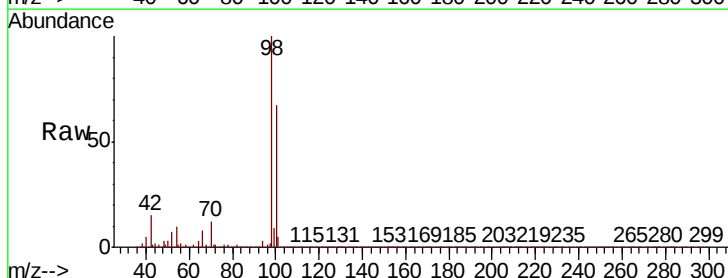
RT: 8.70 min Scan# 1281

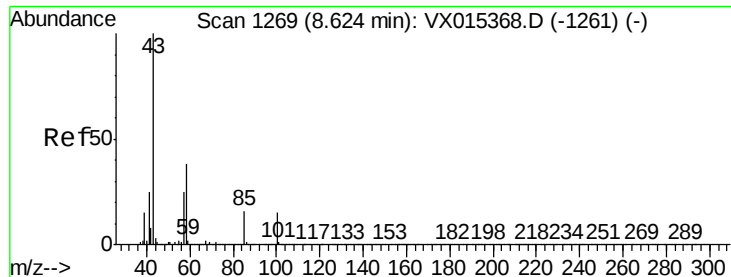
Delta R.T. 0.00 min

Lab File: VX015368.D

Acq: 26 Mar 2020 20:39

Tgt Ion:	98	Resp:	1799939
Ion Ratio	Lower	Upper	
98	100		
100	66.9	53.5	80.3





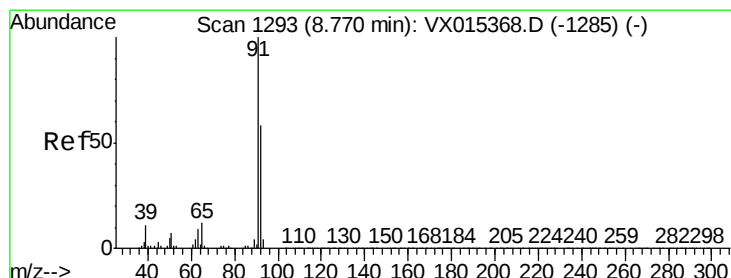
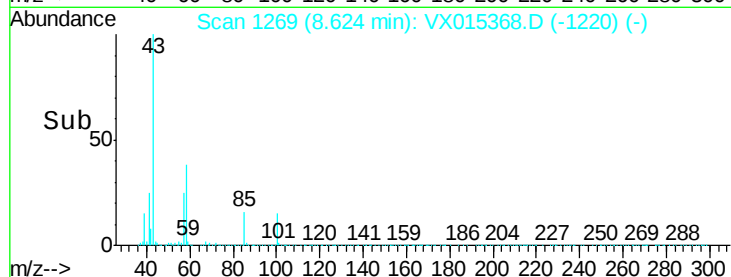
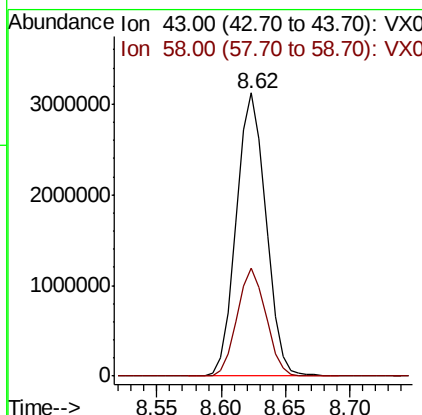
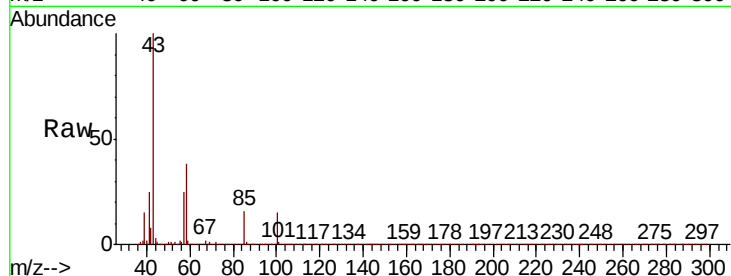
#51
4-Methyl-2-Pentanone
Concen: 355.981 ug/l
RT: 8.62 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VX015368.D
Acq: 26 Mar 2020 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 4981434
Ion Ratio Lower Upper
43 100
58 37.1 29.7 44.5

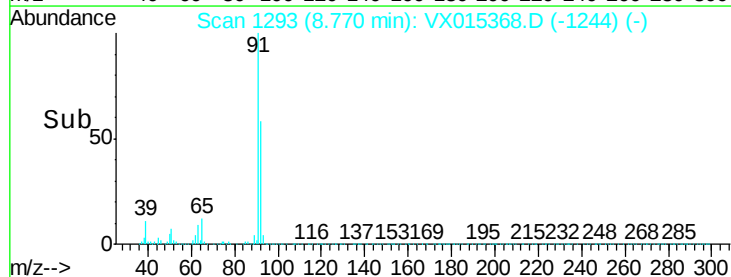
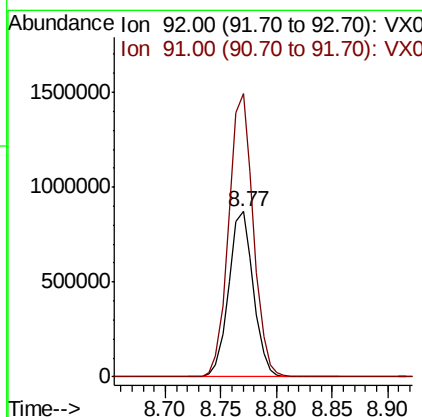
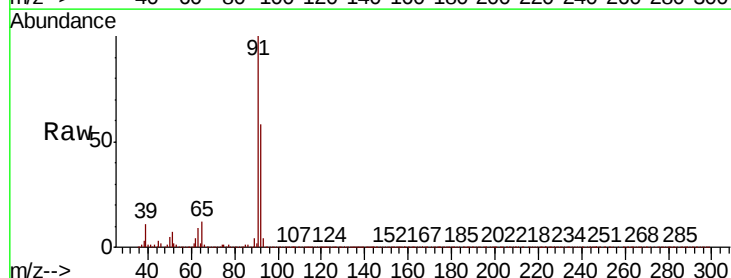
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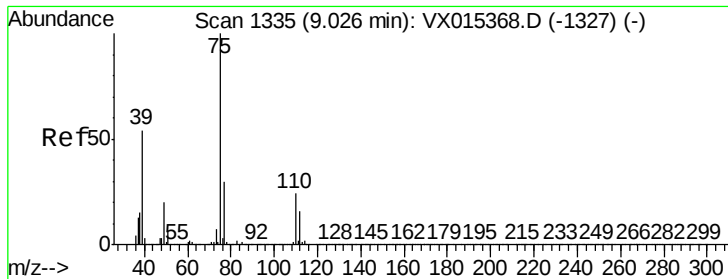
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#52
Toluene
Concen: 47.573 ug/l
RT: 8.77 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX015368.D
Acq: 26 Mar 2020 20:39

Tgt Ion: 92 Resp: 1331939
Ion Ratio Lower Upper
92 100
91 170.8 136.6 205.0





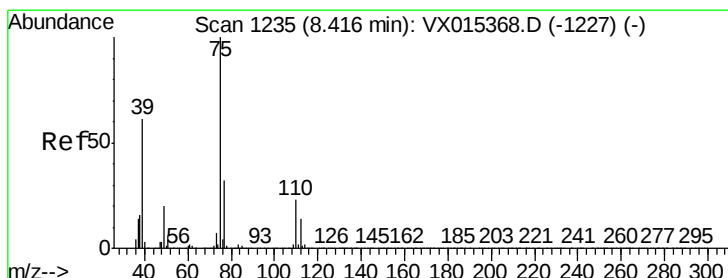
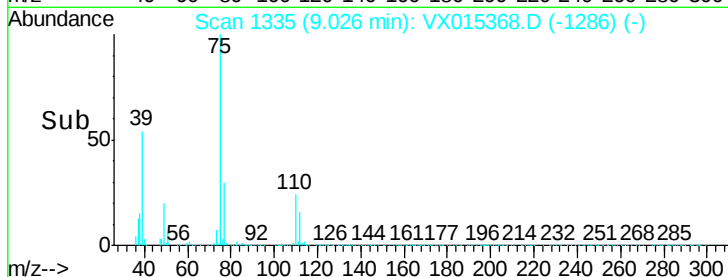
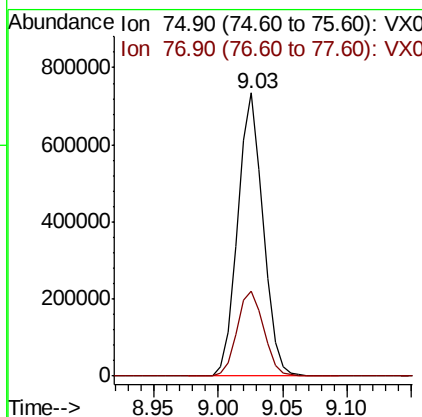
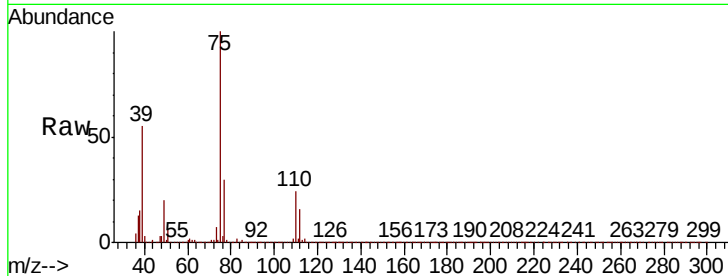
#53
t-1,3-Dichloropropene
Concen: 62.808 ug/l
RT: 9.03 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX015368.D
Acq: 26 Mar 2020 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion: 75 Resp: 1005457
Ion Ratio Lower Upper
75 100
77 30.1 24.1 36.1

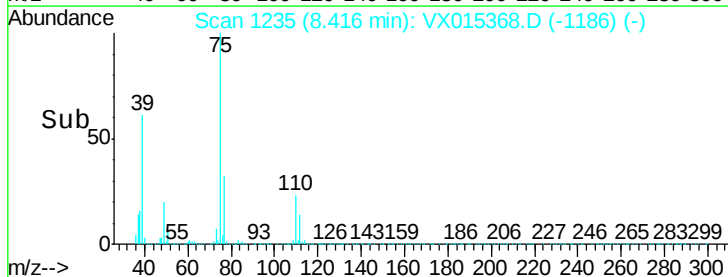
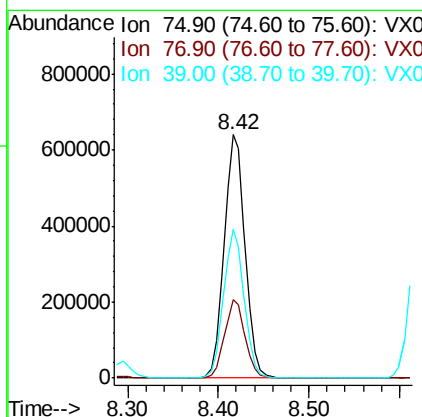
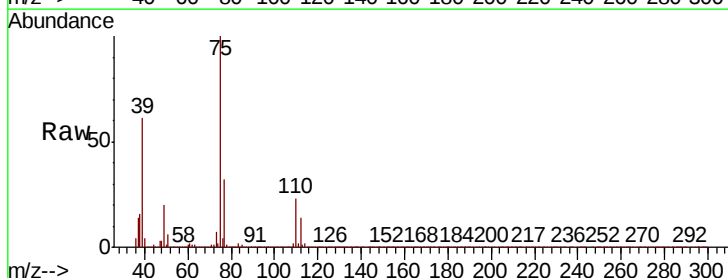
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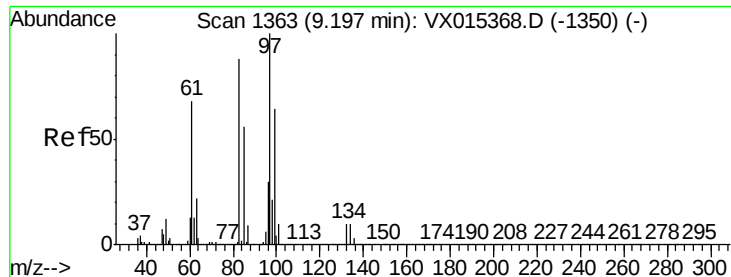
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#54
cis-1,3-Dichloropropene
Concen: 58.084 ug/l
RT: 8.42 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VX015368.D
Acq: 26 Mar 2020 20:39

Tgt Ion: 75 Resp: 1032710
Ion Ratio Lower Upper
75 100
77 32.2 25.8 38.6
39 61.2 49.0 73.4





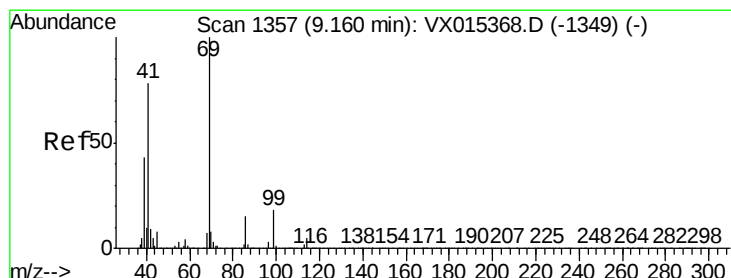
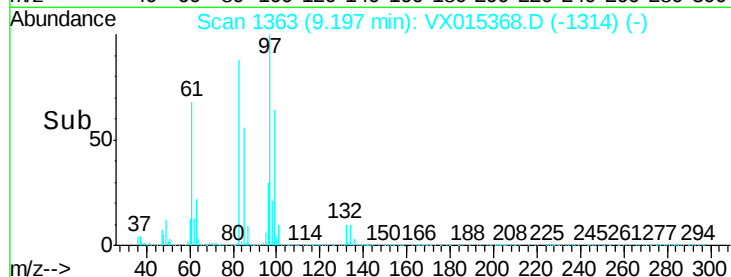
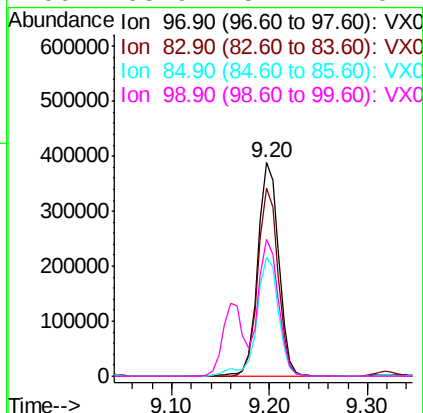
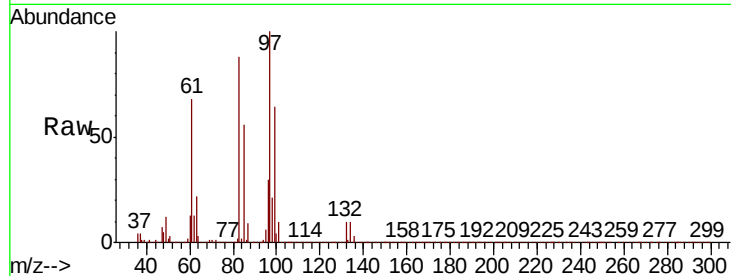
#55
 1,1,2-Trichloroethane
 Concen: 48.116 ug/l
 RT: 9.20 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VX015368.D
 Acq: 26 Mar 2020 20:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ion	Ratio	Lower	Upper
97	100			
83	87.8	70.2	105.4	
85	55.9	44.7	67.1	
99	63.9	51.1	76.7	

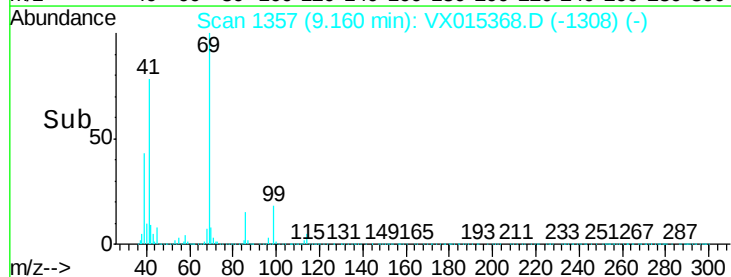
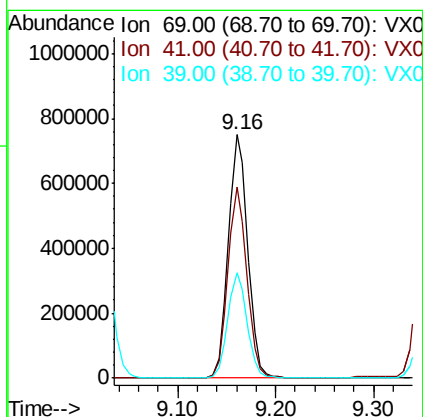
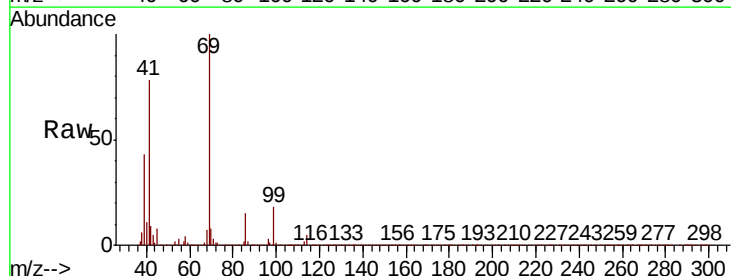
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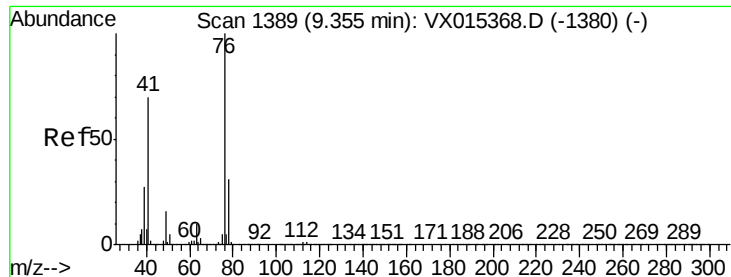
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#56
 Ethyl methacrylate
 Concen: 63.064 ug/l
 RT: 9.16 min Scan# 1357
 Delta R.T. 0.00 min
 Lab File: VX015368.D
 Acq: 26 Mar 2020 20:39

Tgt Ion	Ion	Ratio	Lower	Upper
69	100			
41	77.0	61.6	92.4	
39	42.5	34.0	51.0	





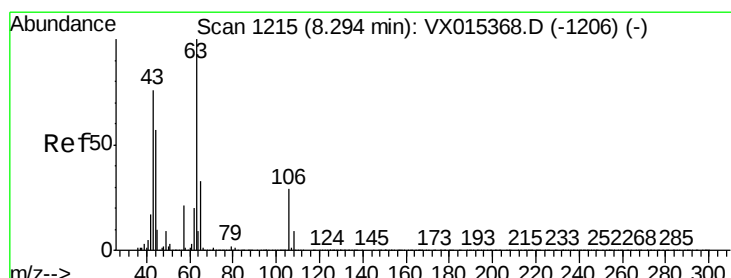
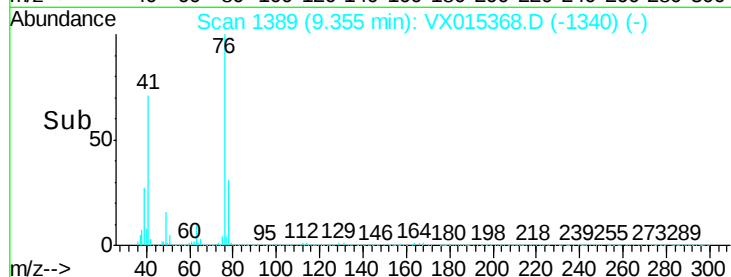
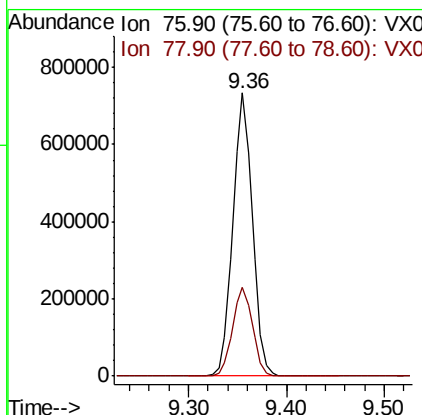
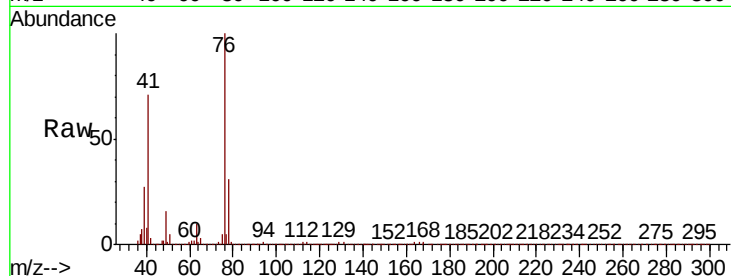
#57
 1,3-Dichloropropane
 Concen: 51.080 ug/l
 RT: 9.36 min Scan# 1389
 Delta R.T. 0.00 min
 Lab File: VX015368.D
 Acq: 26 Mar 2020 20:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion: 76 Resp: 1016011
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.8 38.8

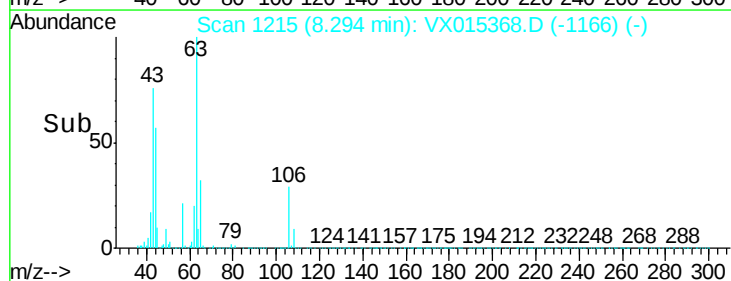
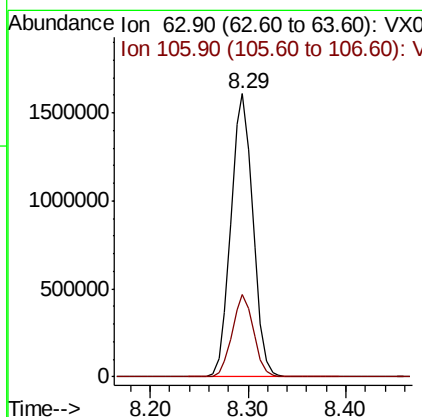
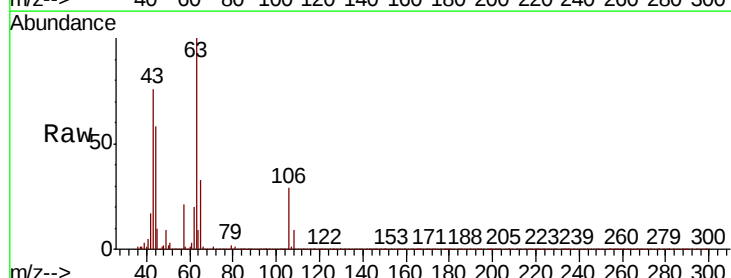
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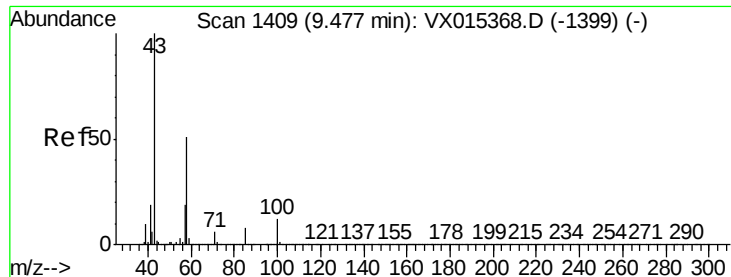
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#58
 2-Chloroethyl Vinyl ether
 Concen: 275.763 ug/l
 RT: 8.29 min Scan# 1215
 Delta R.T. 0.00 min
 Lab File: VX015368.D
 Acq: 26 Mar 2020 20:39

Tgt Ion: 63 Resp: 2510896
 Ion Ratio Lower Upper
 63 100
 106 28.4 22.7 34.1





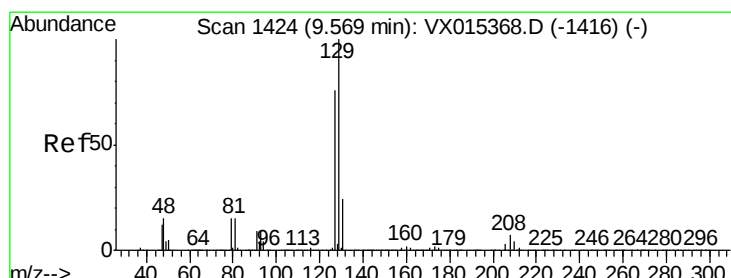
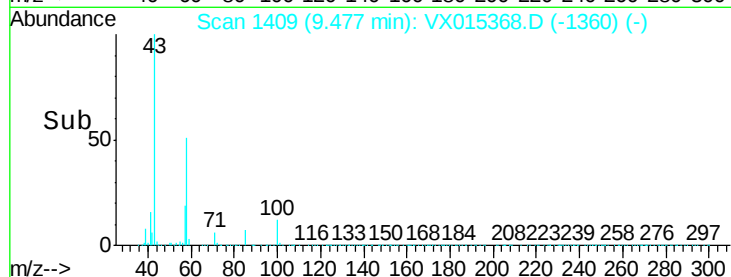
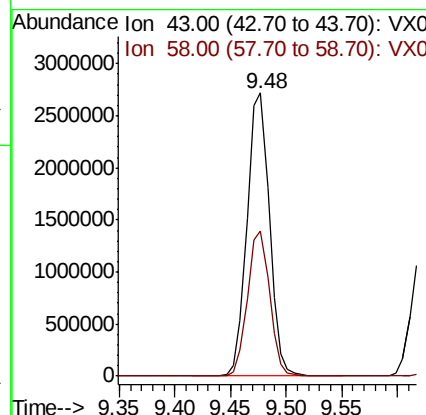
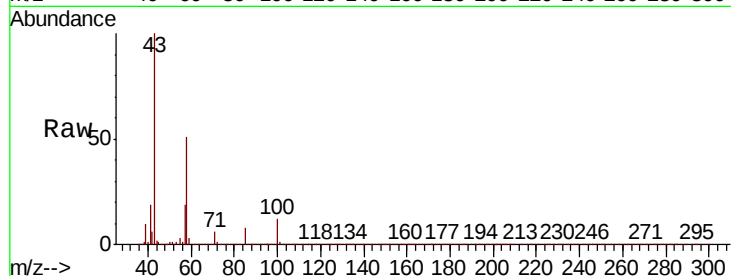
#59
2-Hexanone
Concen: 363.663 ug/l
RT: 9.48 min Scan# 1409
Delta R.T. 0.00 min
Lab File: VX015368.D
Acq: 26 Mar 2020 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 3798276
Ion Ratio Lower Upper
43 100
58 51.1 25.6 76.6

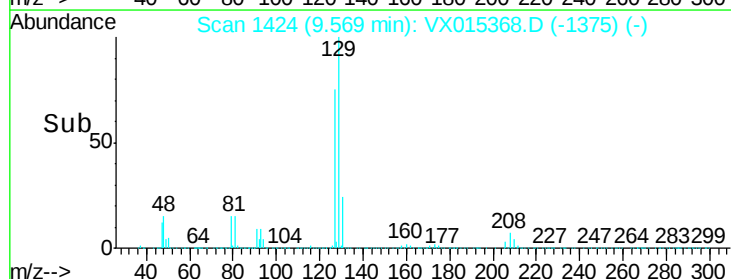
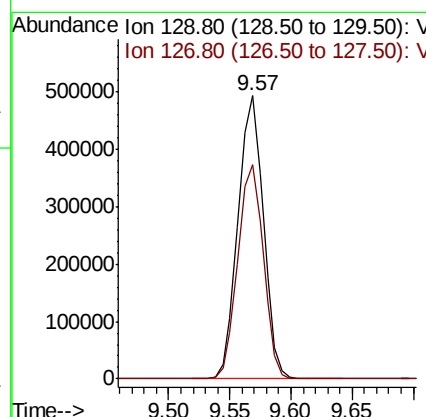
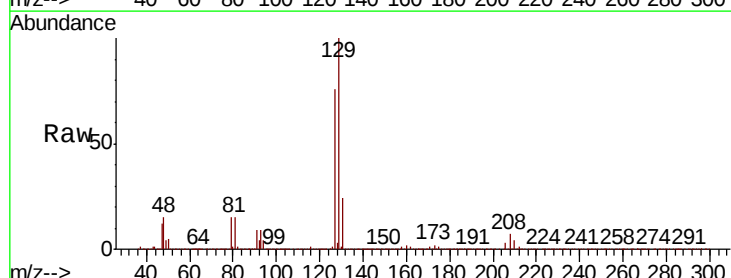
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#60
Dibromochloromethane
Concen: 58.572 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. 0.00 min
Lab File: VX015368.D
Acq: 26 Mar 2020 20:39

Tgt Ion: 129 Resp: 705282
Ion Ratio Lower Upper
129 100
127 76.4 38.2 114.6





#61

1,2-Dibromoethane

Concen: 51.506 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. 0.00 min

Lab File: VX015368.D

Acq: 26 Mar 2020 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:107 Resp: 631625

Ion Ratio Lower Upper

107 100

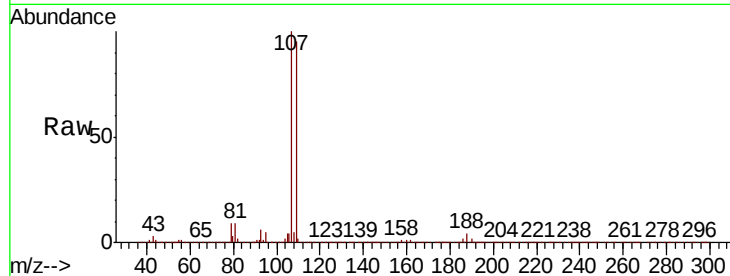
109 93.5 74.8 112.2

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

400000

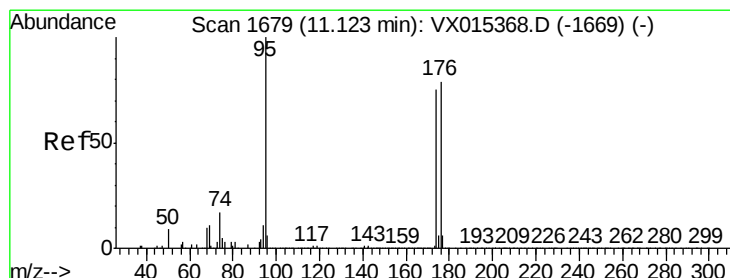
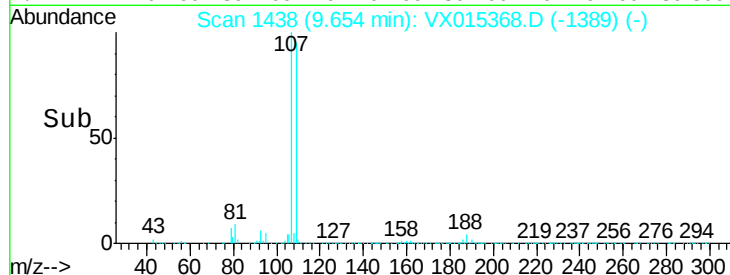
300000

200000

100000

0

Time--> 9.55 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 50.523 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015368.D

Acq: 26 Mar 2020 20:39

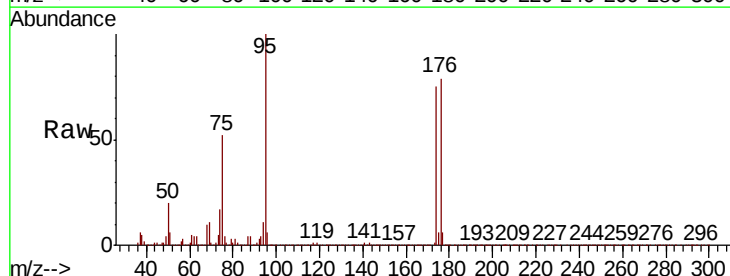
Tgt Ion: 95 Resp: 742092

Ion Ratio Lower Upper

95 100

174 79.3 0.0 158.6

176 79.5 0.0 159.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

800000

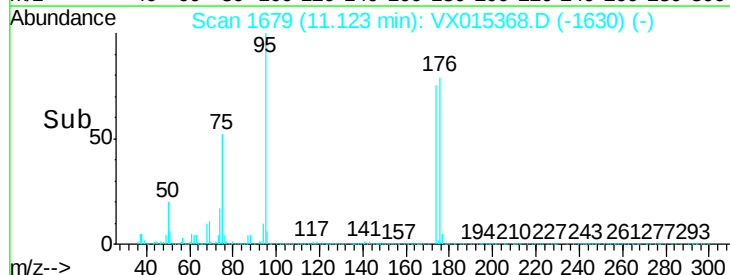
600000

400000

200000

0

Time--> 11.10 11.12 11.20





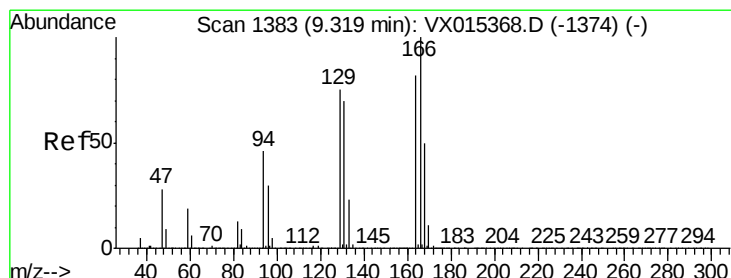
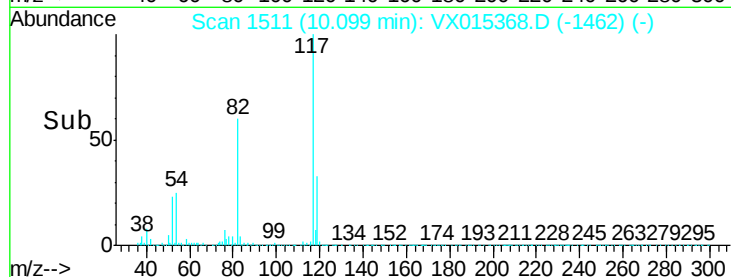
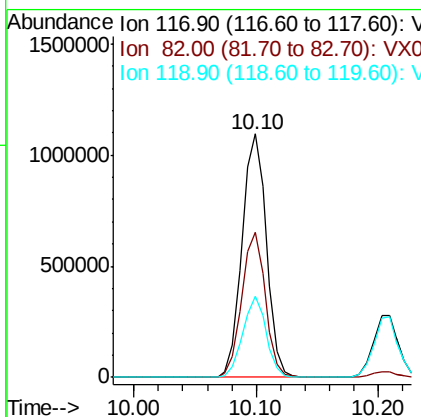
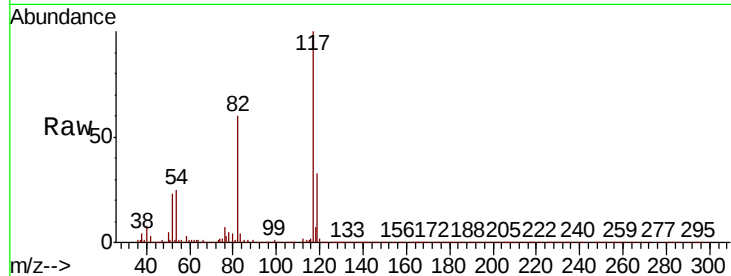
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015368.D
Acq: 26 Mar 2020 20:39

Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.8	47.8	71.8
119	33.5	26.8	40.2

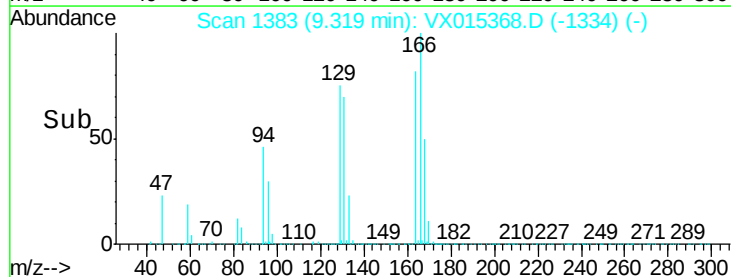
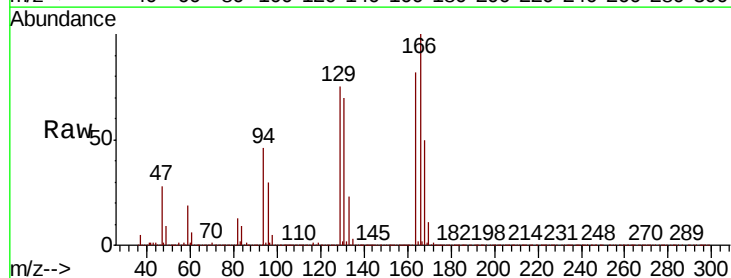
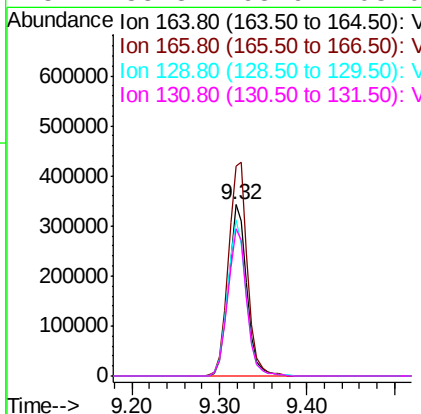
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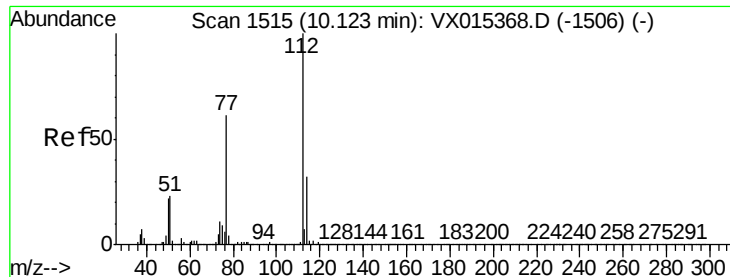
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#64
Tetrachloroethene
Concen: 45.845 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX015368.D
Acq: 26 Mar 2020 20:39

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.2	97.8	146.6
129	91.2	73.0	109.4
131	85.8	68.6	103.0





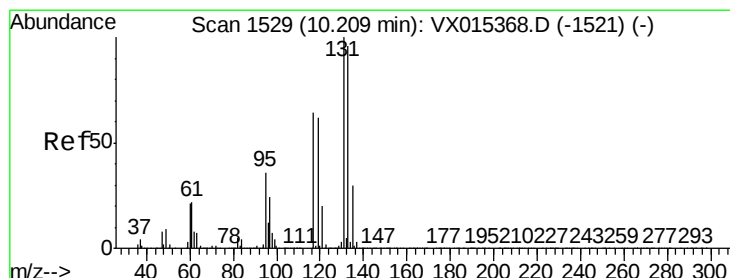
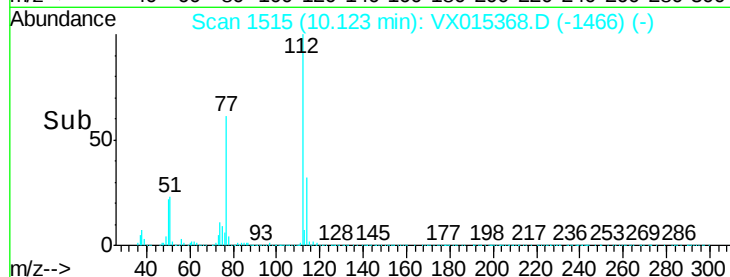
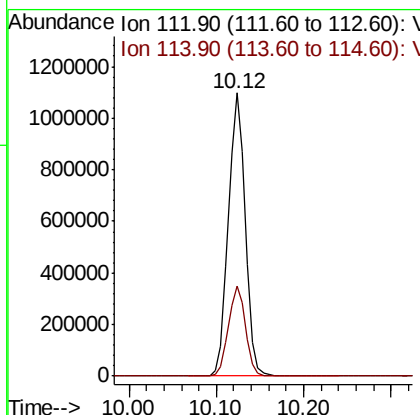
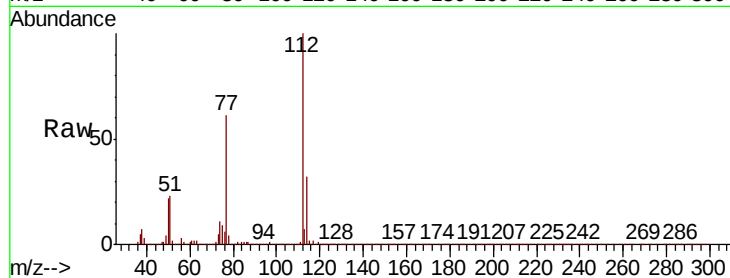
#65
Chlorobenzene
Concen: 46.842 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VX015368.D
Acq: 26 Mar 2020 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion:112 Resp: 1470225
Ion Ratio Lower Upper
112 100
114 31.9 25.5 38.3

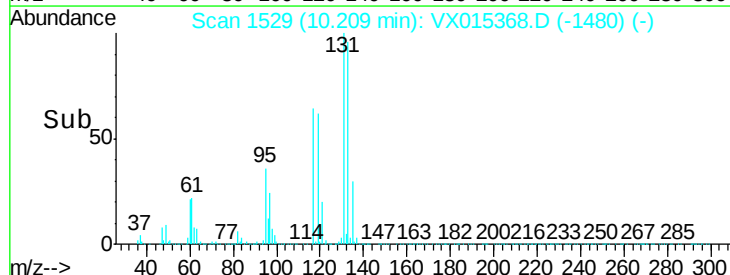
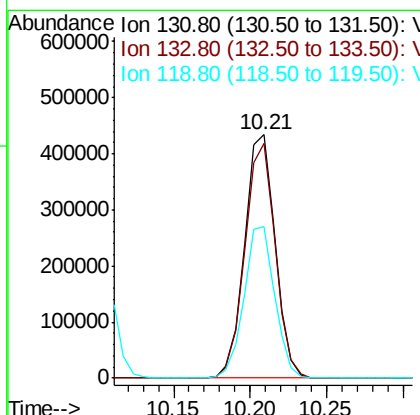
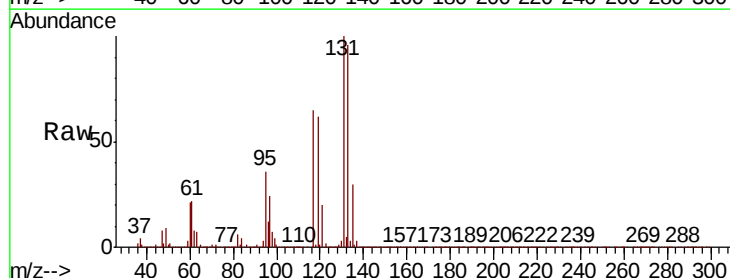
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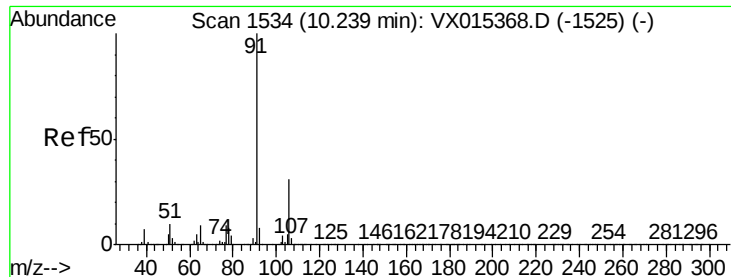
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.951 ug/l
RT: 10.21 min Scan# 1529
Delta R.T. 0.00 min
Lab File: VX015368.D
Acq: 26 Mar 2020 20:39

Tgt Ion:131 Resp: 603518
Ion Ratio Lower Upper
131 100
133 95.3 47.6 142.9
119 62.2 31.1 93.3





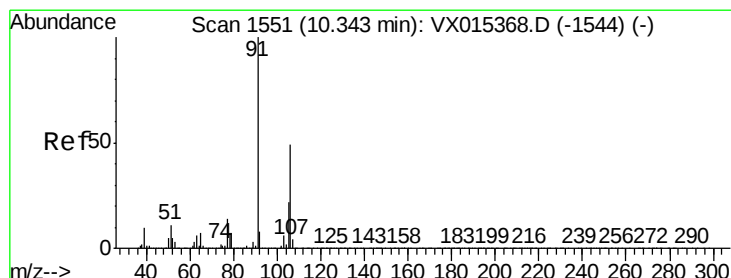
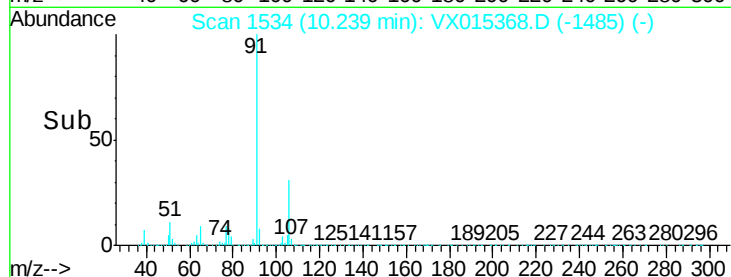
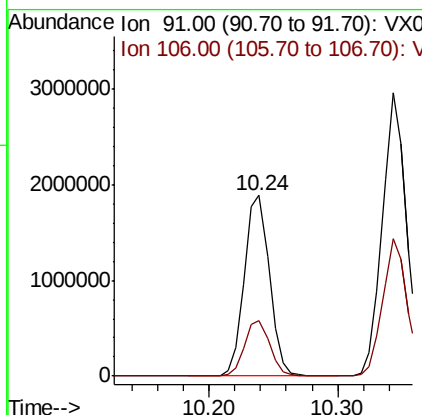
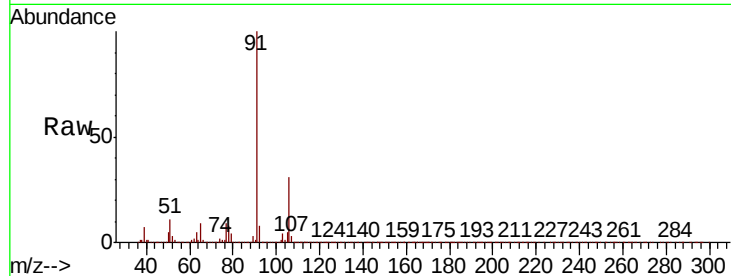
#67
Ethyl Benzene
Concen: 47.459 ug/l
RT: 10.24 min Scan# 1534
Delta R.T. 0.00 min
Lab File: VX015368.D
Acq: 26 Mar 2020 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion: 91 Resp: 2533564
Ion Ratio Lower Upper
91 100
106 31.0 24.8 37.2

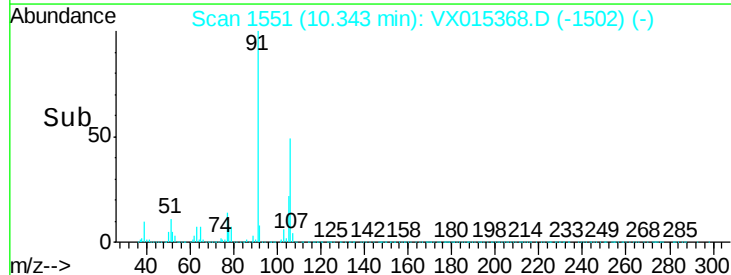
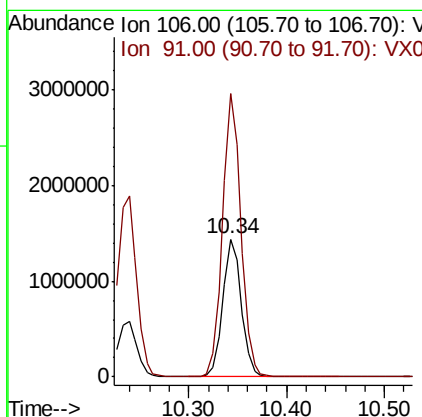
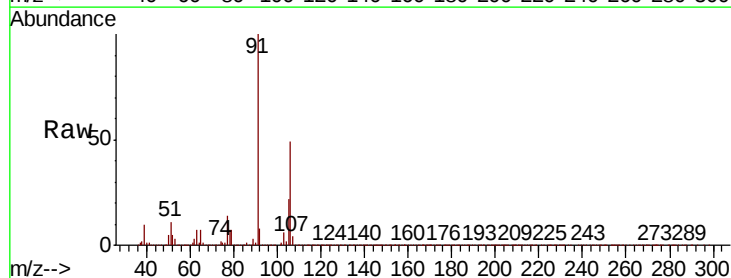
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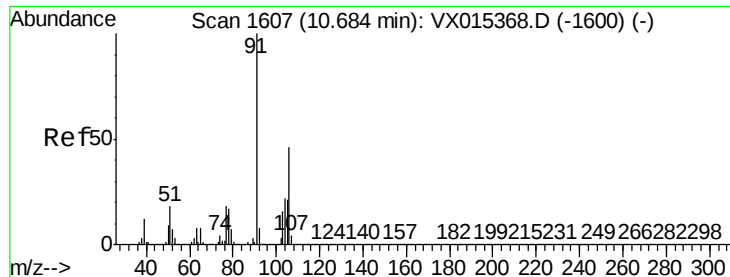
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#68
m/p-Xylenes
Concen: 93.421 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. 0.00 min
Lab File: VX015368.D
Acq: 26 Mar 2020 20:39

Tgt Ion: 106 Resp: 1888782
Ion Ratio Lower Upper
106 100
91 204.2 163.4 245.0





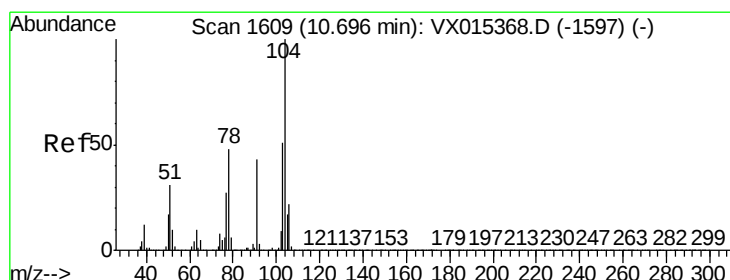
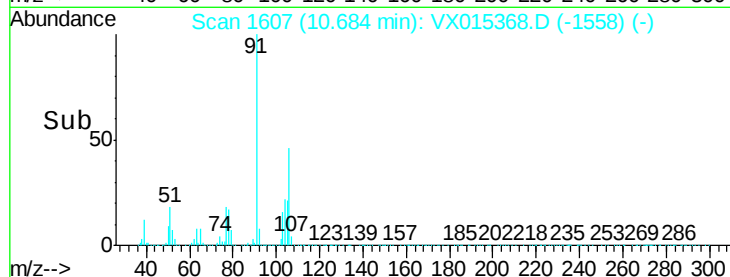
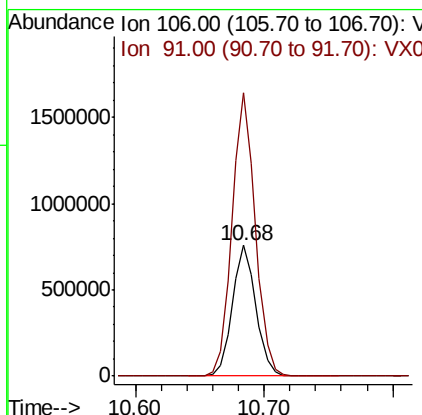
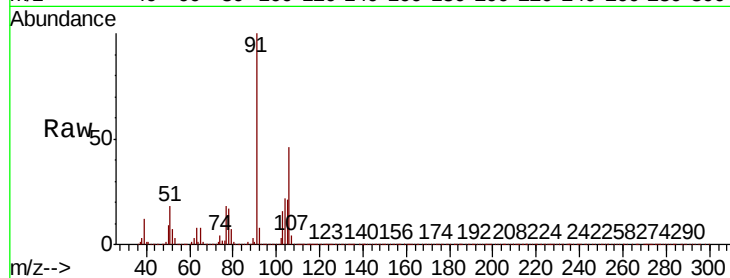
#69
o-Xylene
Concen: 49.114 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015368.D
Acq: 26 Mar 2020 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion:106 Resp: 965259
Ion Ratio Lower Upper
106 100
91 214.2 107.1 321.3

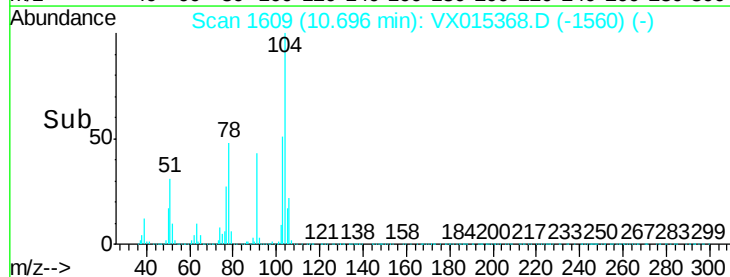
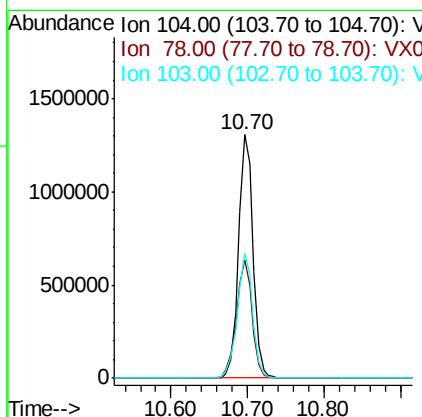
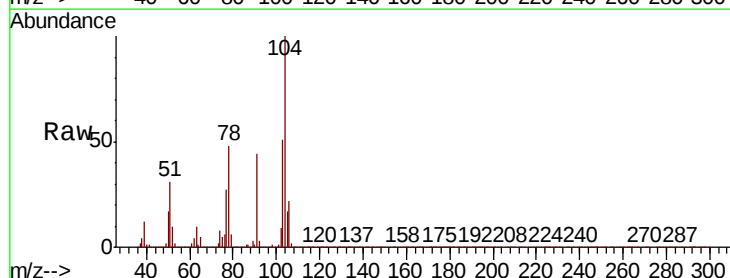
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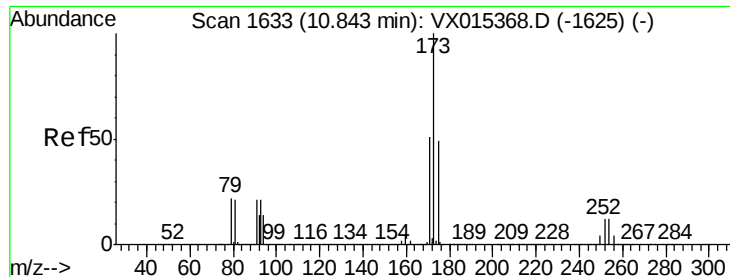
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#70
Styrene
Concen: 51.774 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015368.D
Acq: 26 Mar 2020 20:39

Tgt Ion:104 Resp: 1700378
Ion Ratio Lower Upper
104 100
78 52.5 42.0 63.0
103 54.2 43.4 65.0





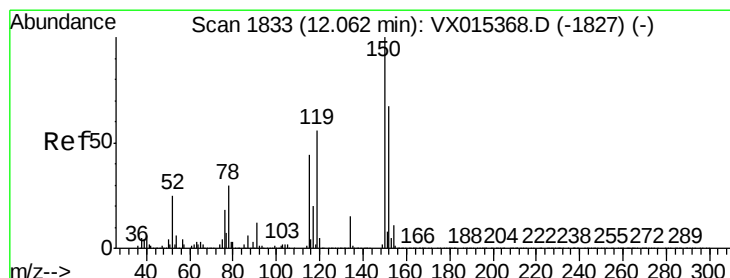
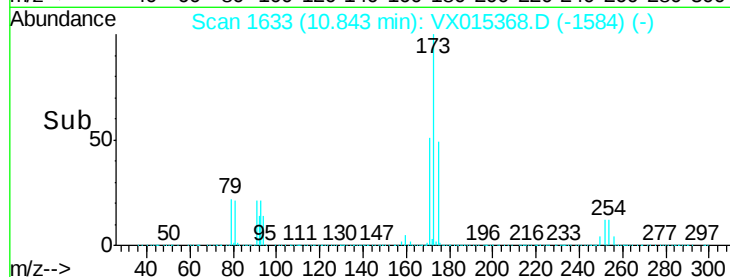
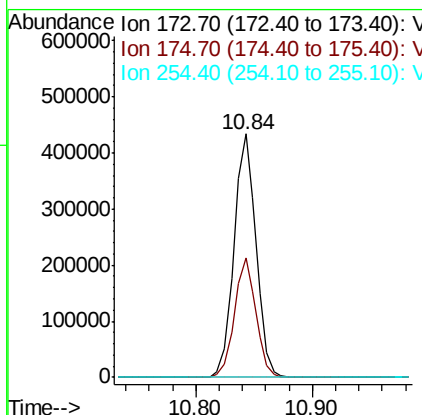
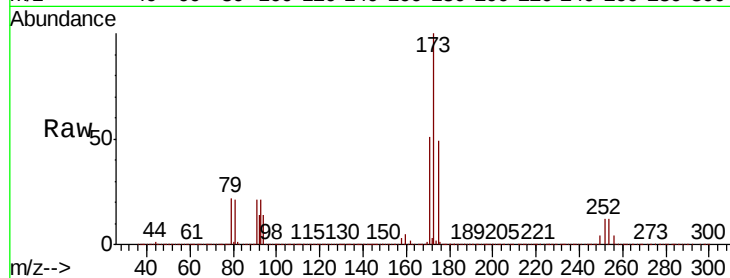
#71
Bromoform
Concen: 70.836 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. 0.00 min
Lab File: VX015368.D
Acq: 26 Mar 2020 20:39

Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
173	100			
175	47.8	23.9		71.7
254	0.1	0.1		0.1#

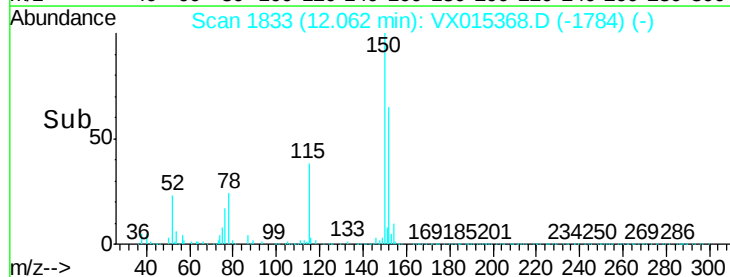
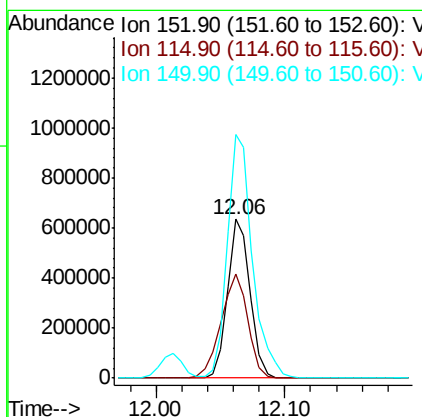
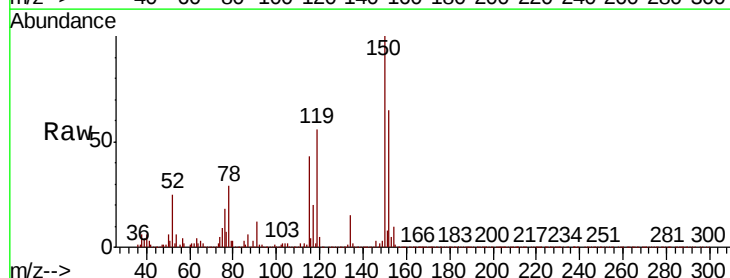
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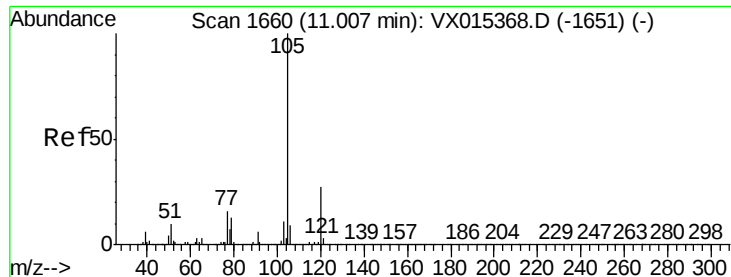
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX015368.D
Acq: 26 Mar 2020 20:39

Tgt Ion	Ratio	Resp	Lower	Upper
152	100			
115	77.9	39.0		116.9
150	170.4	0.0		340.8





#73

Isopropylbenzene

Concen: 41.308 ug/l

RT: 11.01 min Scan# 1660

Delta R.T. 0.00 min

Lab File: VX015368.D

Acq: 26 Mar 2020 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:105 Resp: 2353952

Ion Ratio Lower Upper

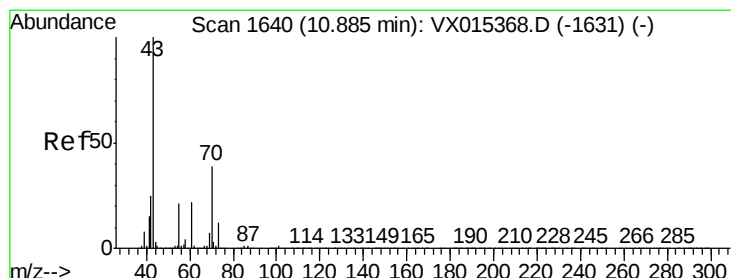
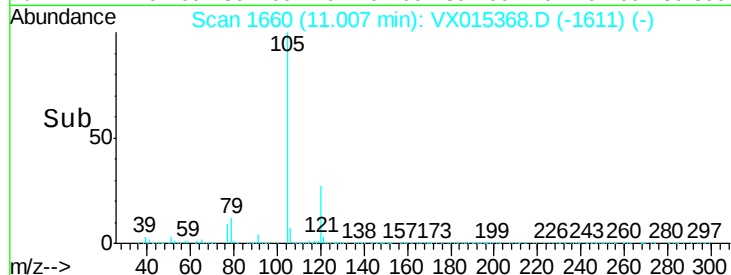
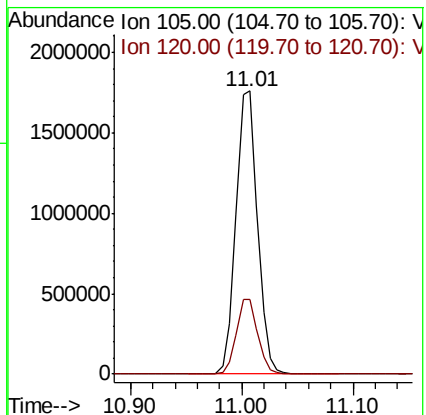
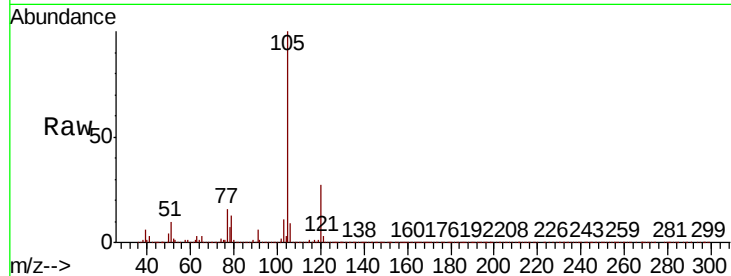
105 100

120 26.3 13.2 39.5

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#74

N-ethyl acetate

Concen: 68.330 ug/l

RT: 10.89 min Scan# 1640

Delta R.T. 0.00 min

Lab File: VX015368.D

Acq: 26 Mar 2020 20:39

Tgt Ion: 43 Resp: 1476794

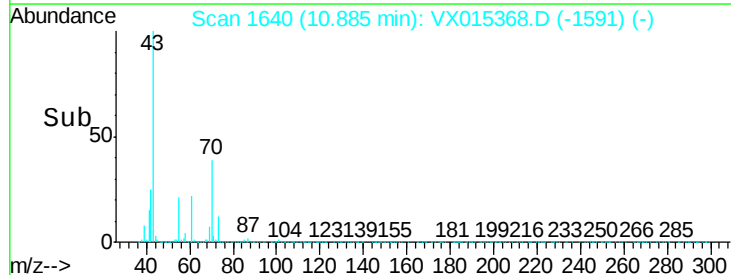
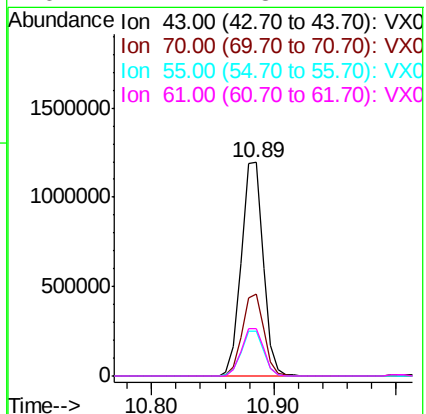
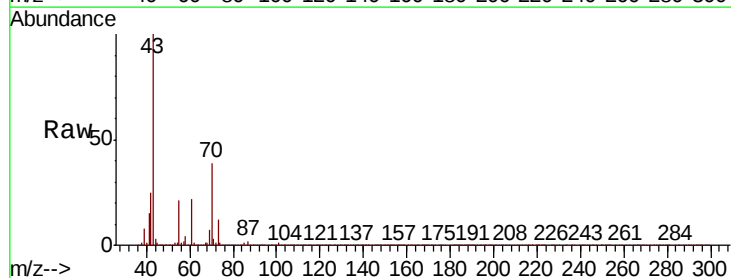
Ion Ratio Lower Upper

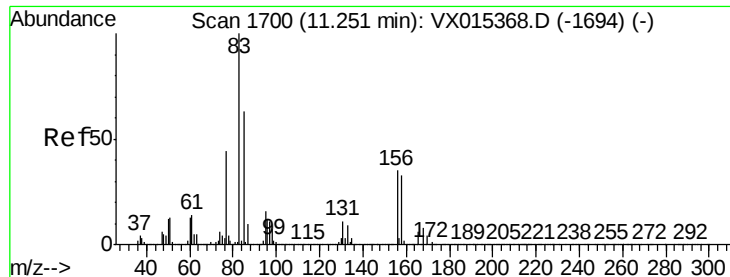
43 100

70 37.8 30.2 45.4

55 21.0 16.8 25.2

61 22.7 18.2 27.2





#75

1,1,2,2-Tetrachloroethane

Concen: 48.932 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015368.D

Acq: 26 Mar 2020 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 83 Resp: 891778

Ion Ratio Lower Upper

83 100

131 10.7 5.3 16.1

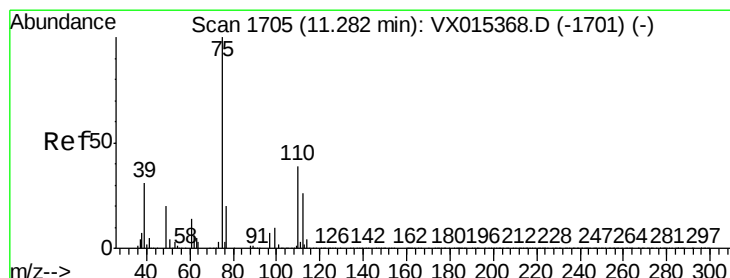
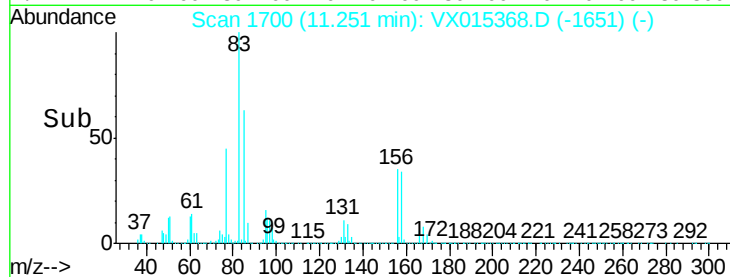
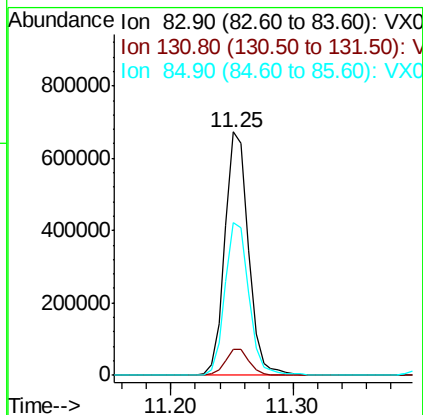
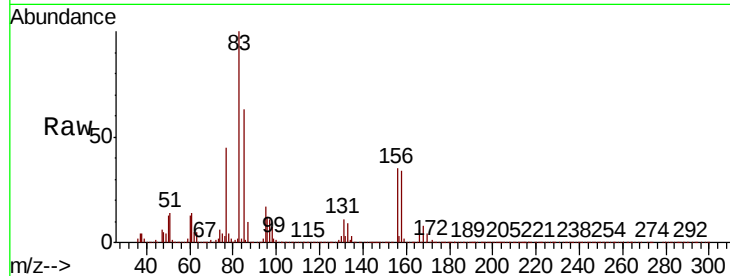
85 64.0 32.0 96.0

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#76

1,2,3-Trichloropropane

Concen: 51.679 ug/l m

RT: 11.28 min Scan# 1705

Delta R.T. 0.00 min

Lab File: VX015368.D

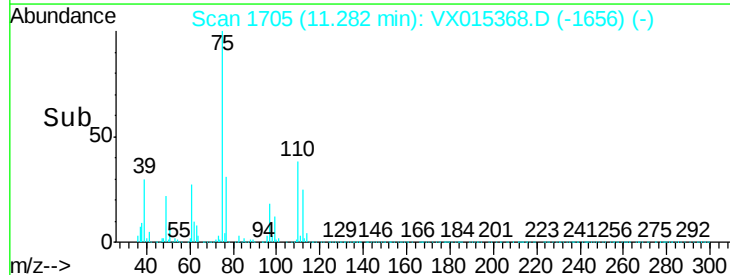
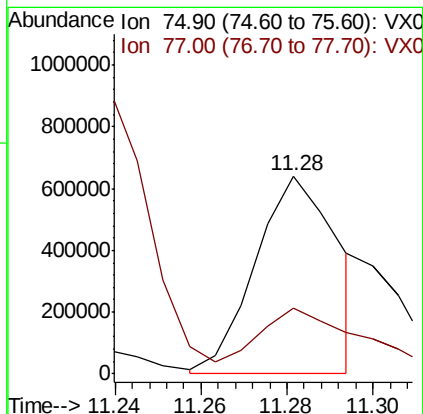
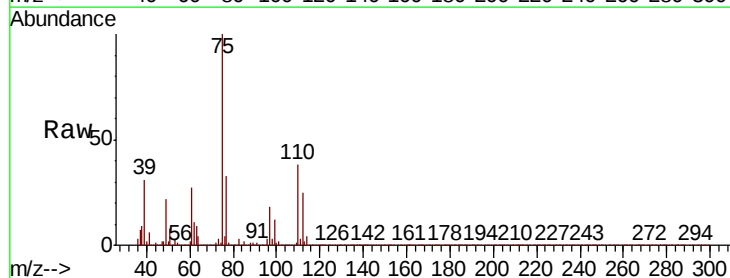
Acq: 26 Mar 2020 20:39

Tgt Ion: 75 Resp: 850438

Ion Ratio Lower Upper

75 100

77 42.4 21.2 63.6





#77

Bromobenzene

Concen: 50.391 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015368.D

Acq: 26 Mar 2020 20:39

Instrument :

MSVOA_X

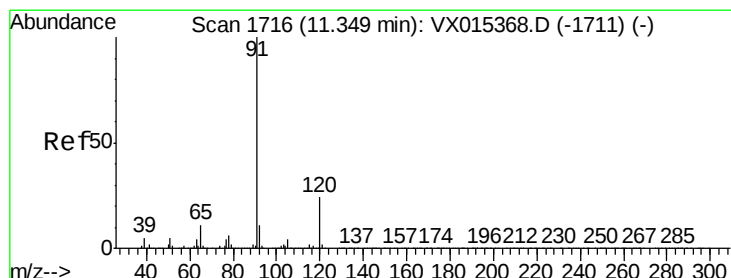
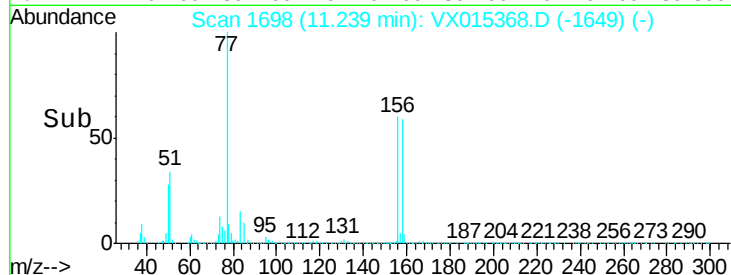
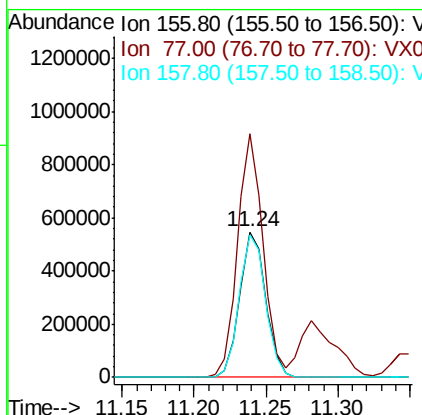
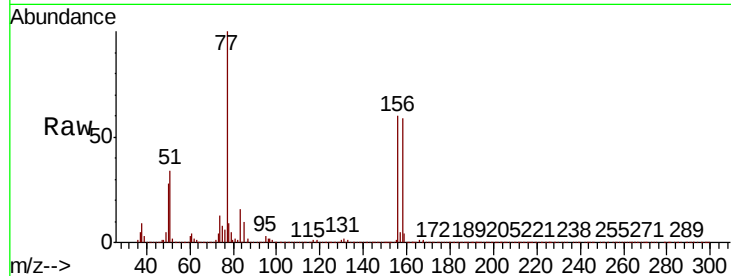
ClientSampleId :

VSTDICCC050

Tot Ion:	156	Resp:	688546
Ion Ratio	Lower	Upper	
156	100		
77	164.3	82.2	246.5
158	98.6	49.3	147.9

Manual Integrations
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#78

n-propylbenzene

Concen: 42.504 ug/l

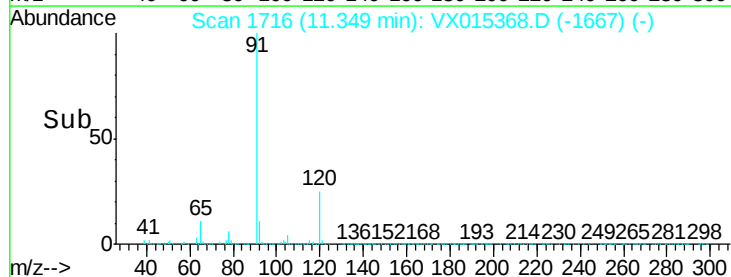
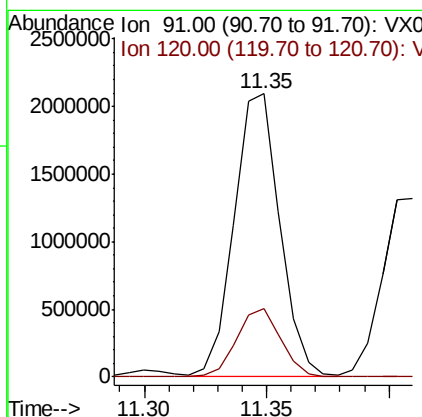
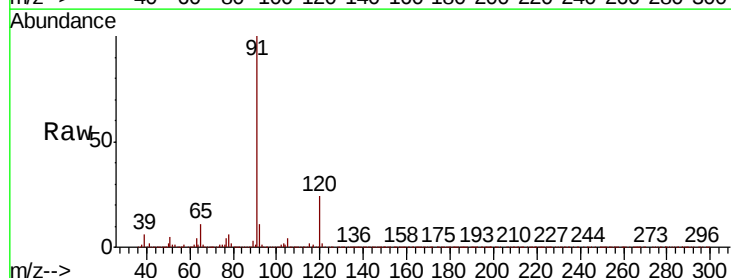
RT: 11.35 min Scan# 1716

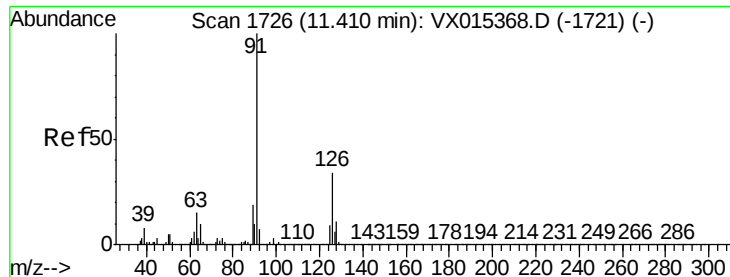
Delta R.T. 0.00 min

Lab File: VX015368.D

Acq: 26 Mar 2020 20:39

Tgt Ion:	91	Resp:	2720744
Ion Ratio	Lower	Upper	
91	100		
120	23.3	11.7	35.0





#79

2-Chlorotoluene

Concen: 44.954 ug/l

RT: 11.41 min Scan# 1726

Delta R.T. 0.00 min

Lab File: VX015368.D

Acq: 26 Mar 2020 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 91 Resp: 1751918

Ion Ratio Lower Upper

91 100

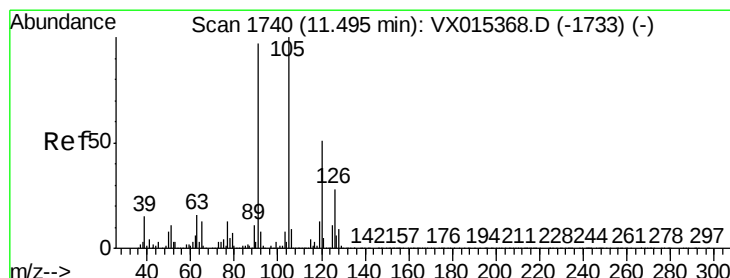
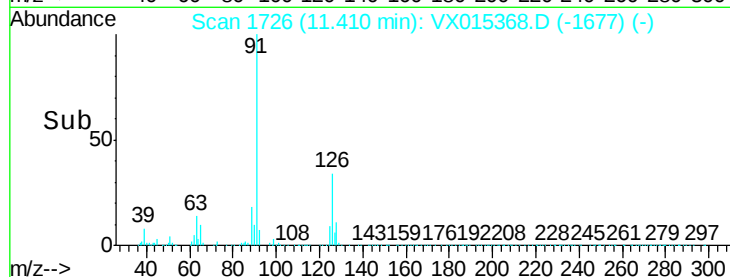
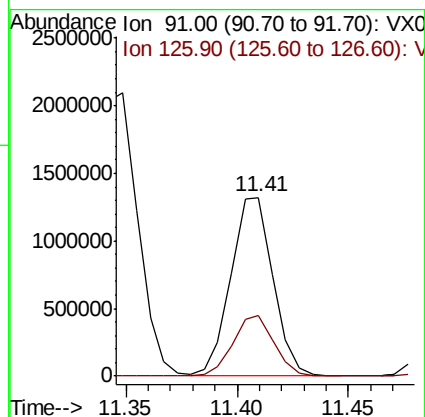
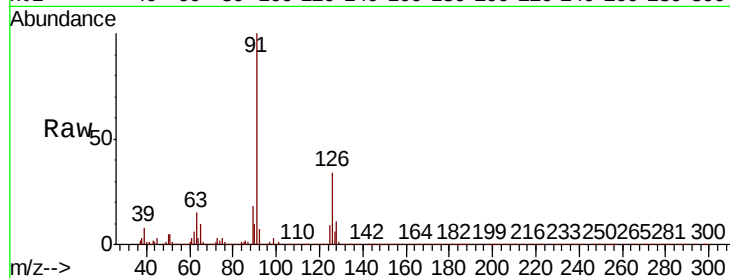
126 33.0 16.5 49.5

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 45.078 ug/l

RT: 11.49 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VX015368.D

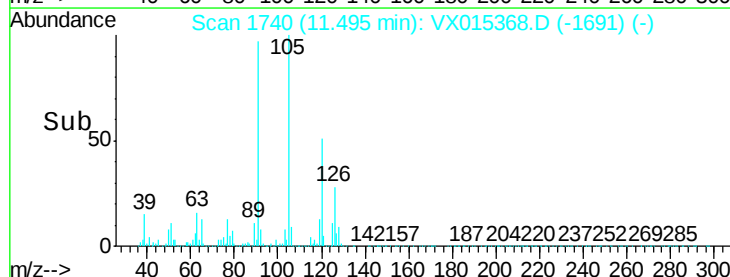
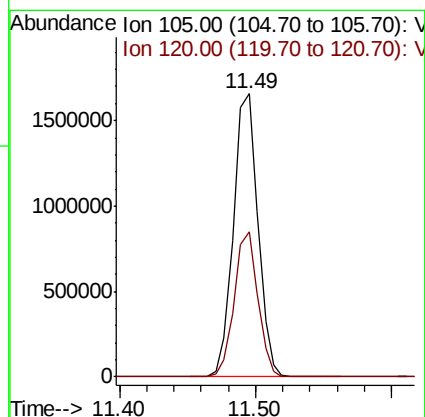
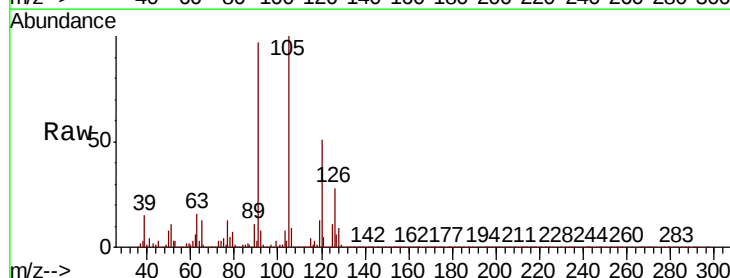
Acq: 26 Mar 2020 20:39

Tgt Ion: 105 Resp: 2075255

Ion Ratio Lower Upper

105 100

120 49.6 24.8 74.4





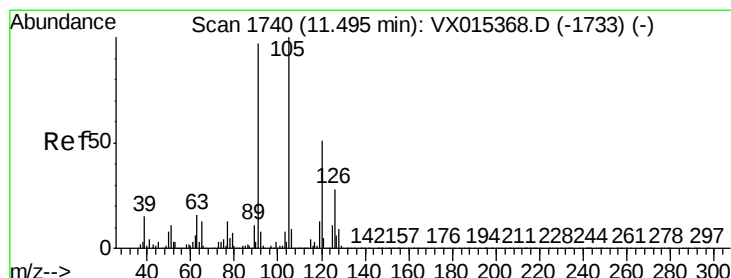
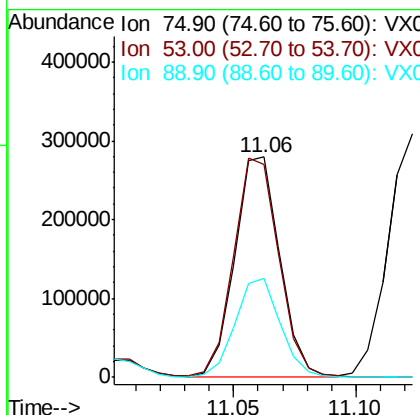
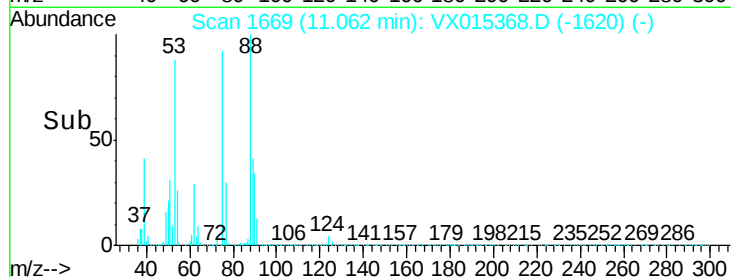
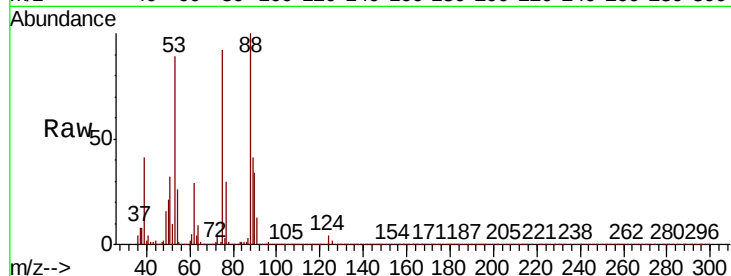
#81
trans-1,4-Dichloro-2-butene
Concen: 57.633 ug/l
RT: 11.06 min Scan# 1669
Delta R.T. 0.00 min
Lab File: VX015368.D
Acq: 26 Mar 2020 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	100.1	80.1	120.1
89	45.1	36.1	54.1

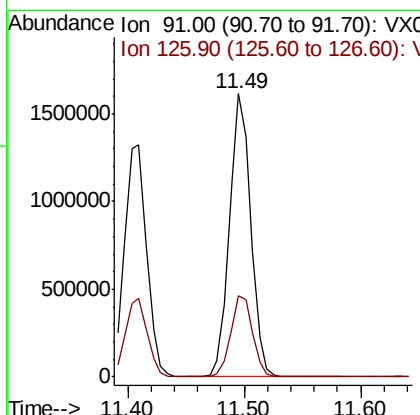
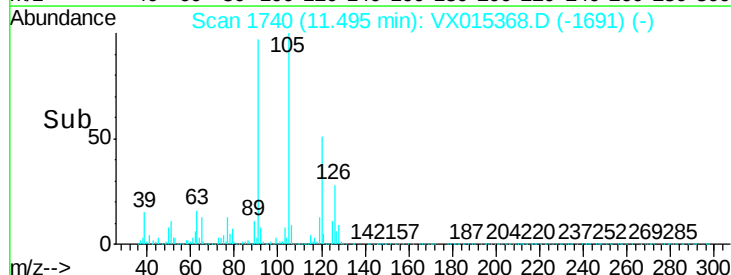
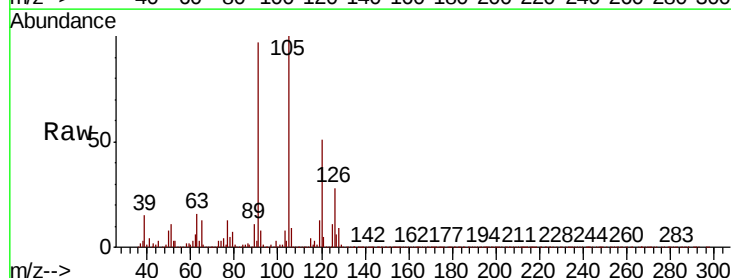
Manual Integrations
APPROVED

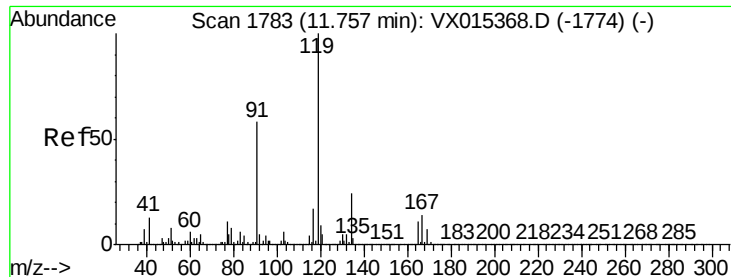
apatel
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#82
4-Chlorotoluene
Concen: 46.348 ug/l
RT: 11.49 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VX015368.D
Acq: 26 Mar 2020 20:39

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.4	14.7	44.1





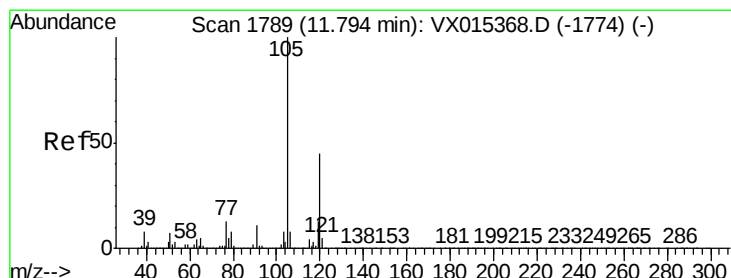
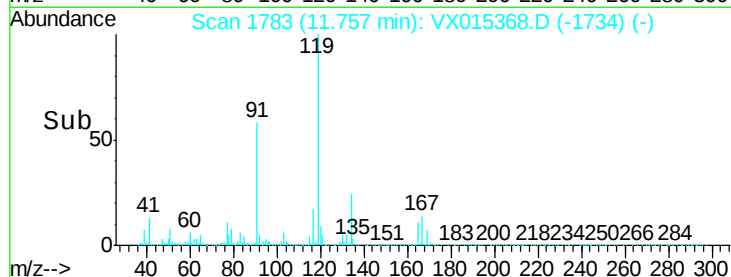
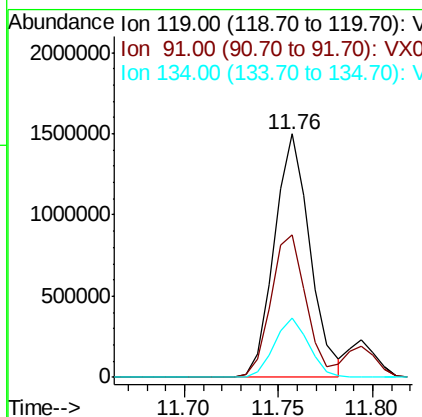
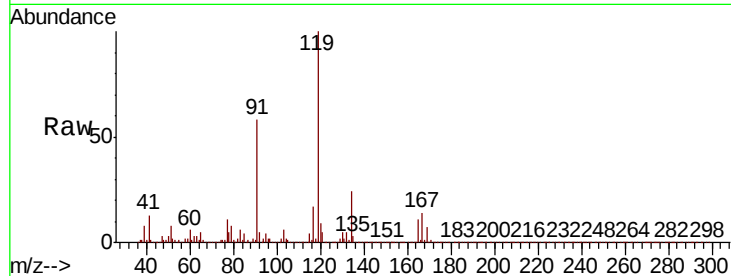
#83
tert-Butylbenzene
Concen: 43.575 ug/l
RT: 11.76 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX015368.D
Acq: 26 Mar 2020 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	57.2	28.6	85.8
134	23.5	11.8	35.3

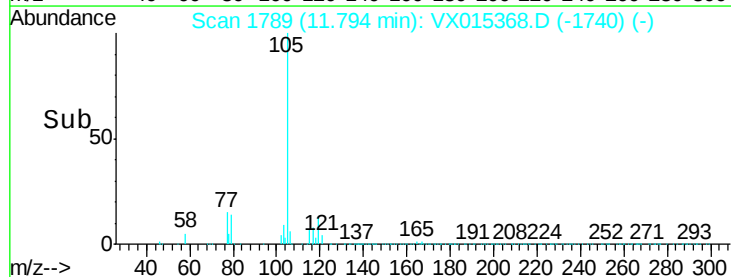
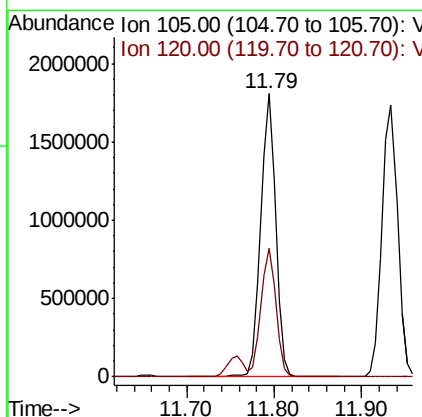
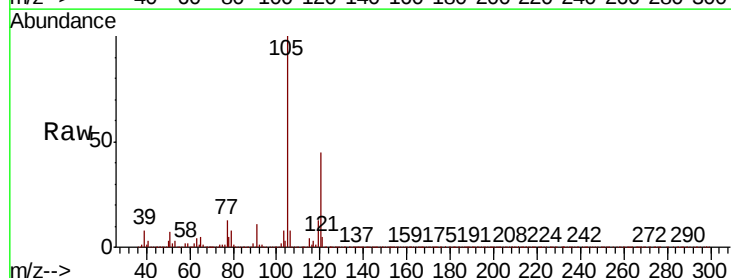
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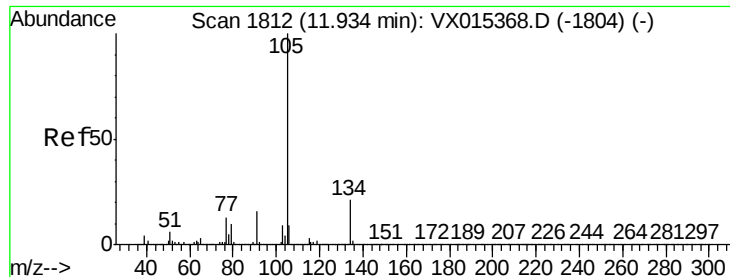
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#84
1,2,4-Trimethylbenzene
Concen: 45.428 ug/l
RT: 11.79 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX015368.D
Acq: 26 Mar 2020 20:39

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.4	22.7	68.1





#85

sec-Butylbenzene

Concen: 40.253 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VX015368.D

Acq: 26 Mar 2020 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:105 Resp: 2155007

Ion Ratio Lower Upper

105 100

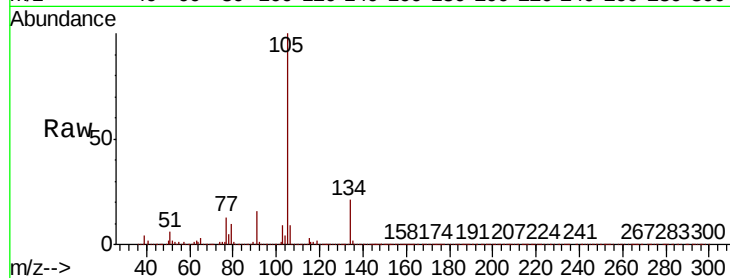
134 20.7 10.4 31.1

Manual Integrations

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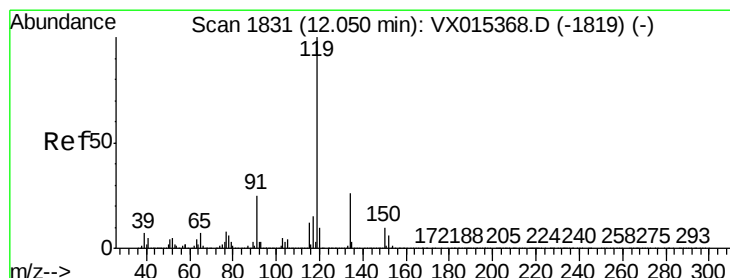
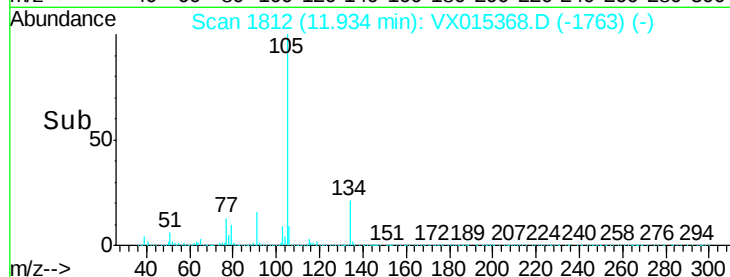
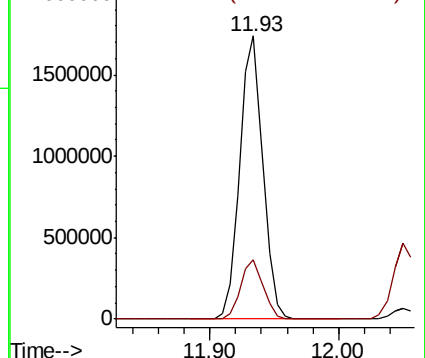
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 43.493 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VX015368.D

Acq: 26 Mar 2020 20:39

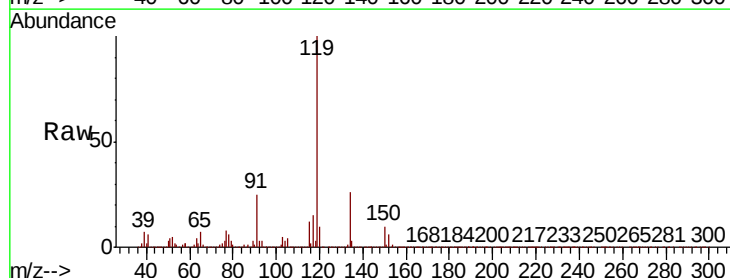
Tgt Ion:119 Resp: 2091111

Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.3

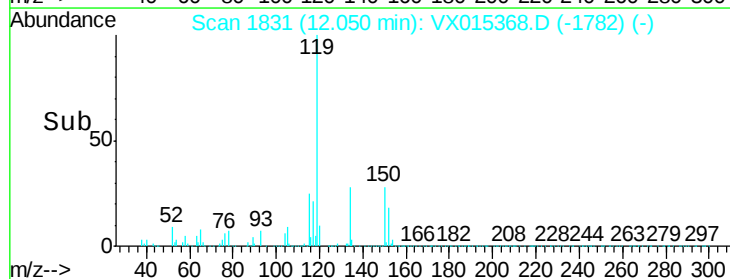
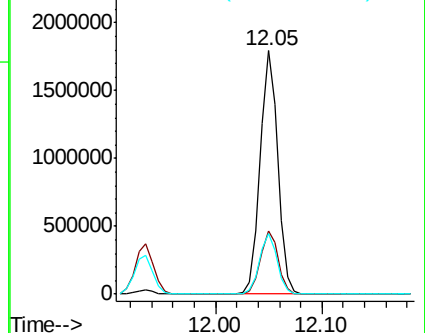
91 24.9 12.4 37.4

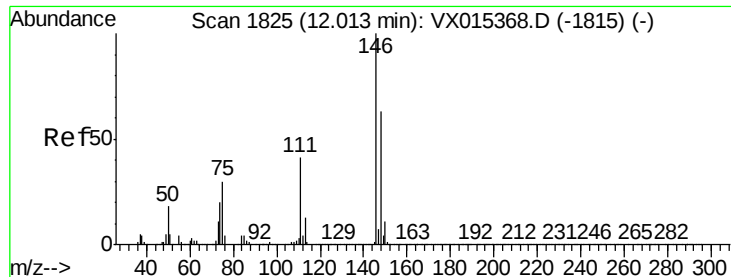


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





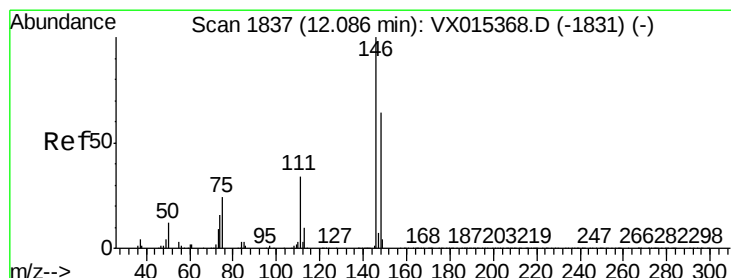
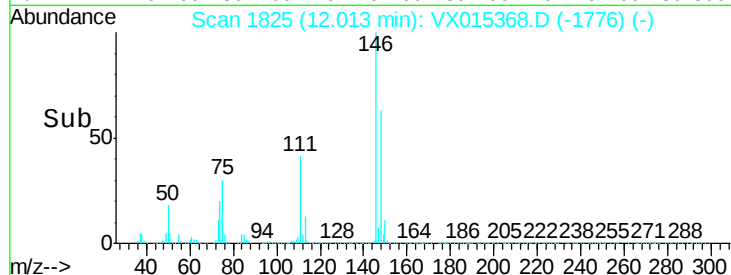
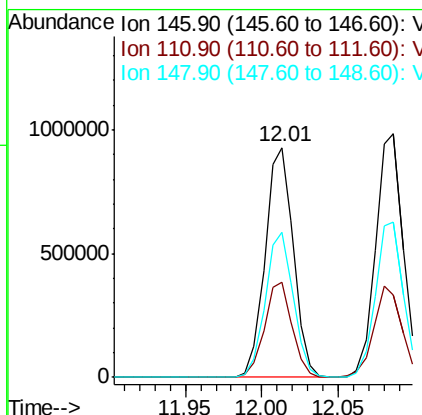
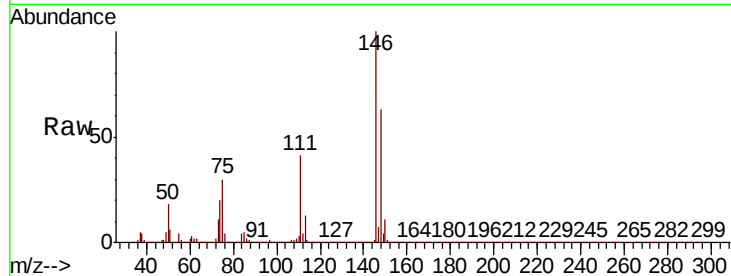
#87
 1,3-Dichlorobenzene
 Concen: 46.696 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: VX015368.D
 Acq: 26 Mar 2020 20:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.3	60.9
148	62.6	31.3	93.9

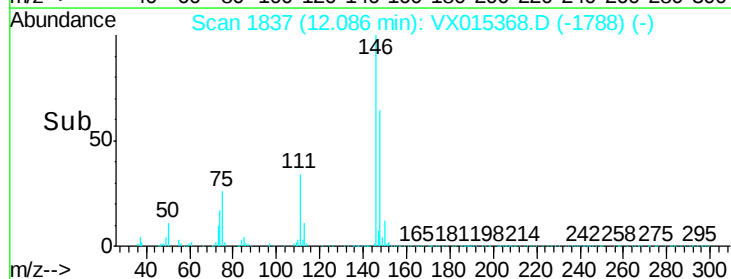
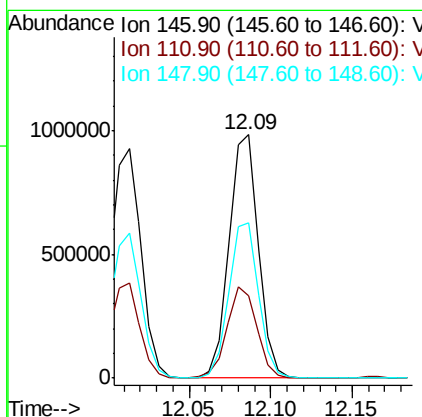
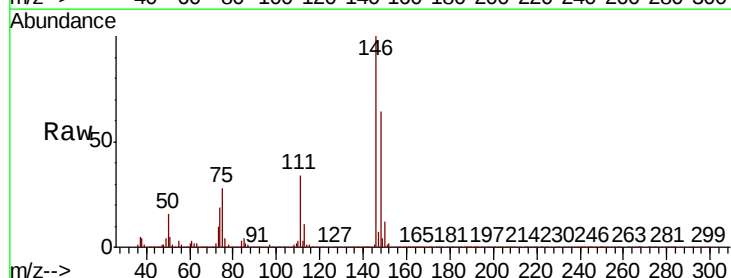
Manual Integrations
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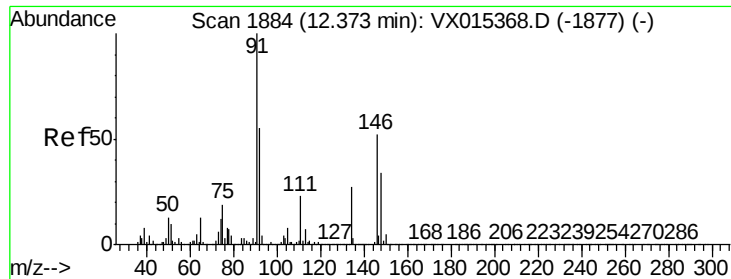
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#88
 1,4-Dichlorobenzene
 Concen: 45.525 ug/l
 RT: 12.09 min Scan# 1837
 Delta R.T. 0.00 min
 Lab File: VX015368.D
 Acq: 26 Mar 2020 20:39

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.1	57.5
148	64.8	32.4	97.2





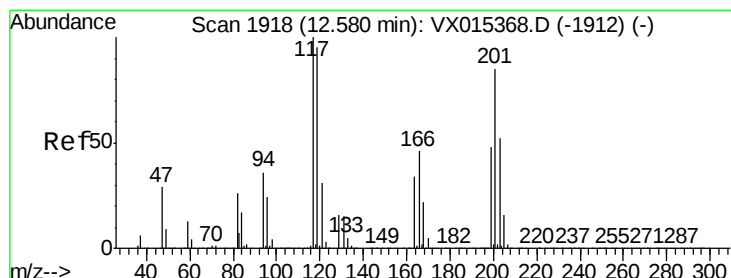
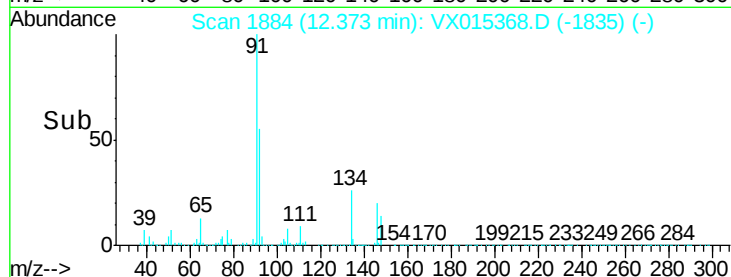
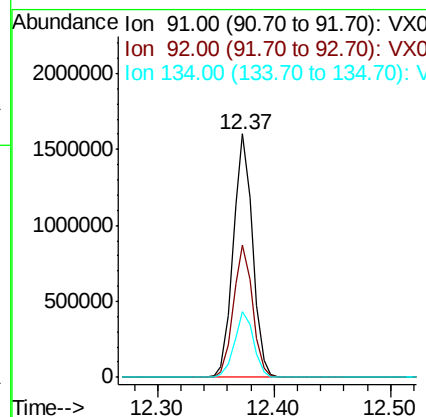
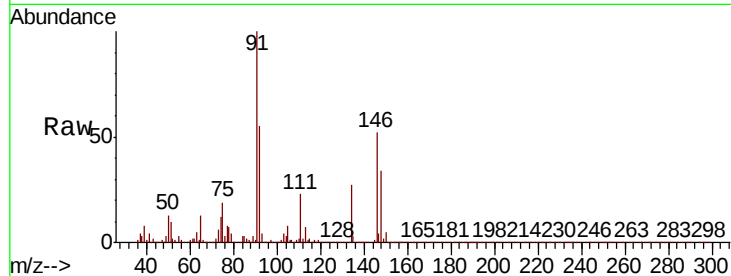
#89
n-Butylbenzene
Concen: 40.543 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VX015368.D
Acq: 26 Mar 2020 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion: 91 Resp: 1833754
Ion Ratio Lower Upper
91 100
92 54.3 27.2 81.5
134 26.8 13.4 40.2

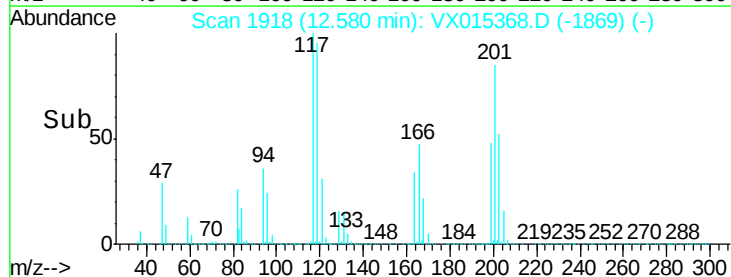
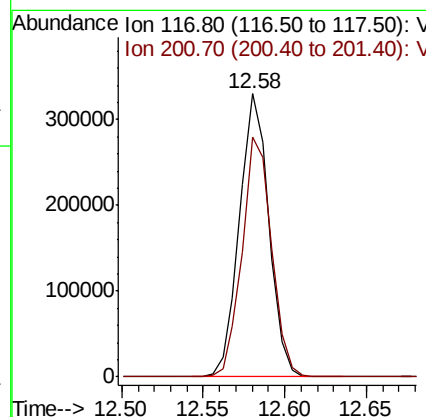
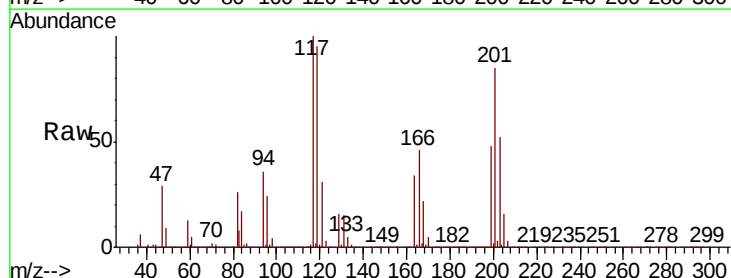
Manual Integrations
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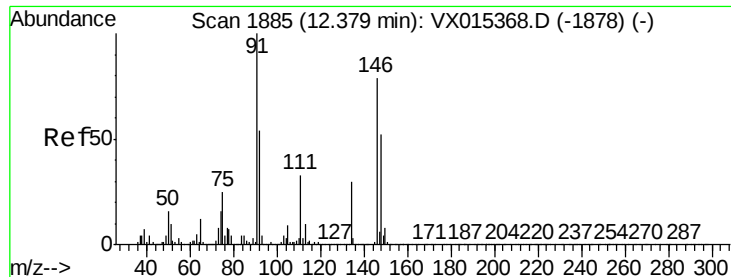
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#90
Hexachloroethane
Concen: 43.832 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VX015368.D
Acq: 26 Mar 2020 20:39

Tgt Ion: 117 Resp: 413889
Ion Ratio Lower Upper
117 100
201 85.3 42.6 128.0





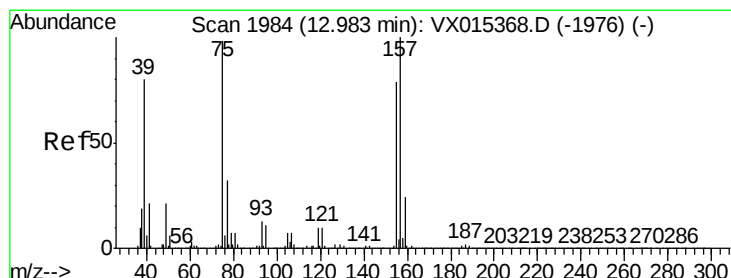
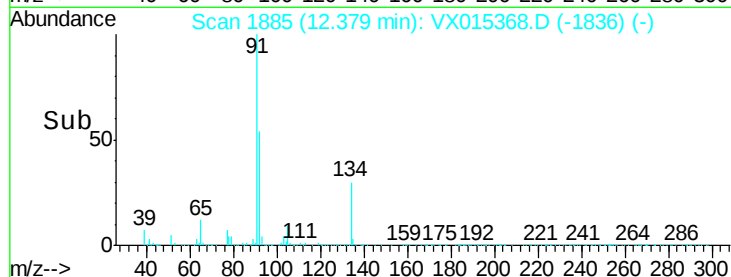
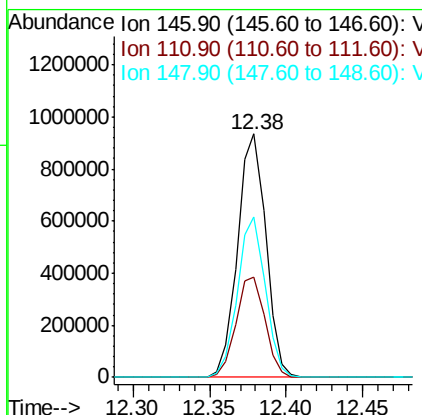
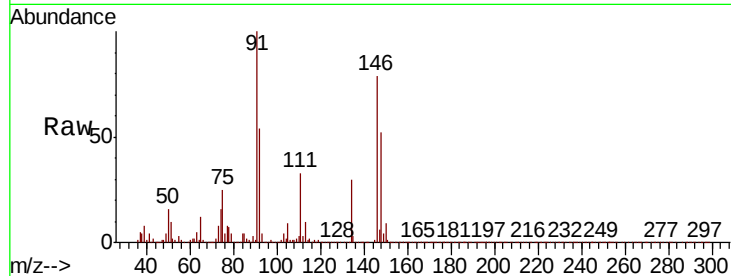
#91
 1,2-Dichlorobenzene
 Concen: 46.699 ug/l
 RT: 12.38 min Scan# 1885
 Delta R.T. 0.00 min
 Lab File: VX015368.D
 Acq: 26 Mar 2020 20:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.0	21.0	63.0
148	64.7	32.4	97.0

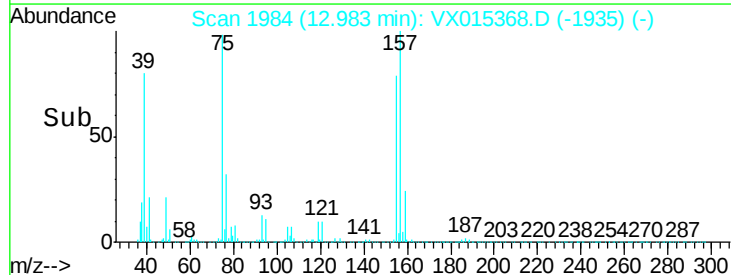
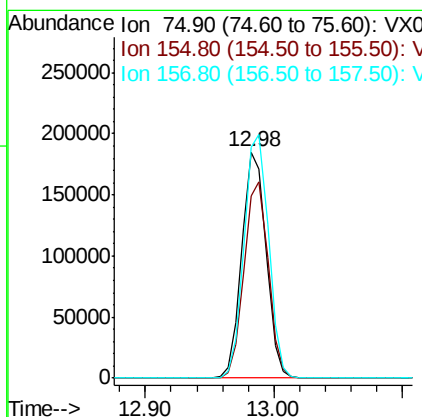
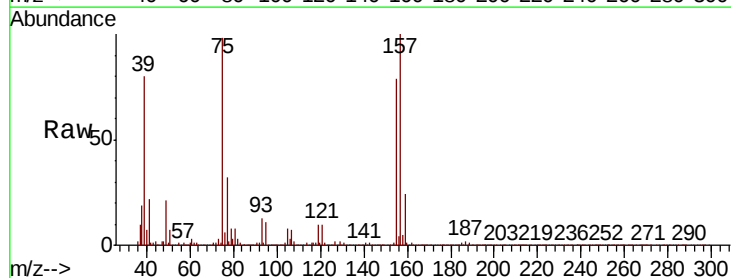
Manual Integrations
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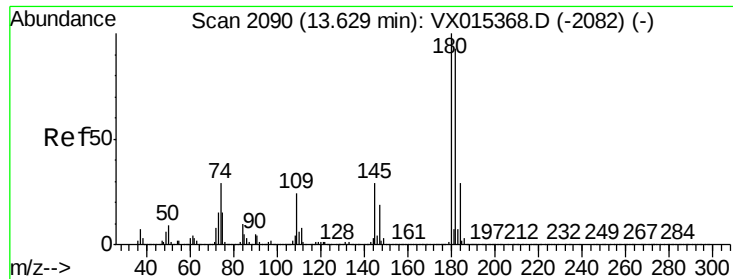
apatel
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 59.241 ug/l
 RT: 12.98 min Scan# 1984
 Delta R.T. 0.00 min
 Lab File: VX015368.D
 Acq: 26 Mar 2020 20:39

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.6	42.8	128.4
157	106.9	53.4	160.3





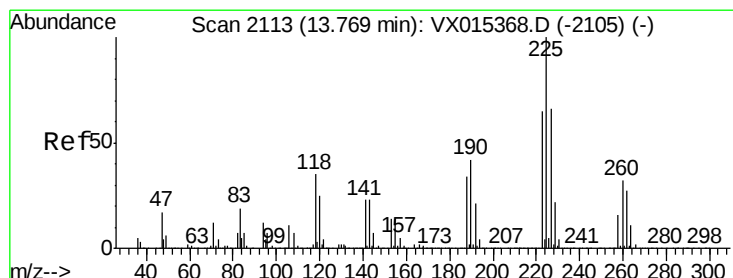
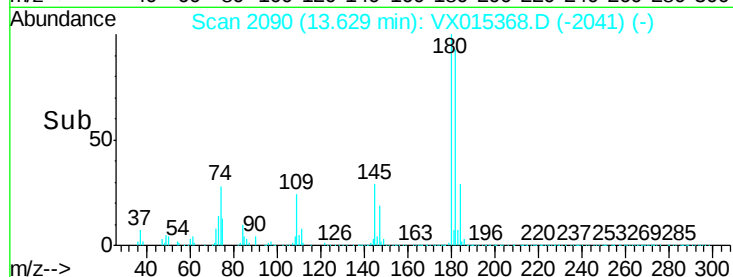
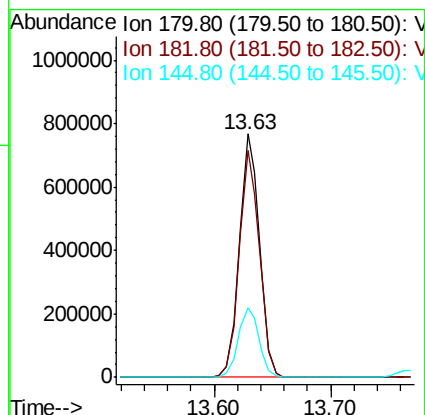
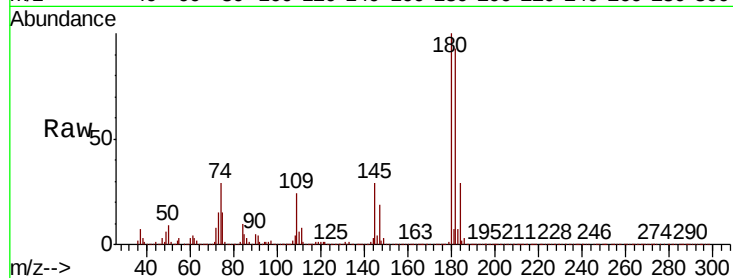
#93
 1,2,4-Trichlorobenzene
 Concen: 57.225 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: VX015368.D
 Acq: 26 Mar 2020 20:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	918053		
182	93.8	46.9	140.7	
145	29.7	14.9	44.5	

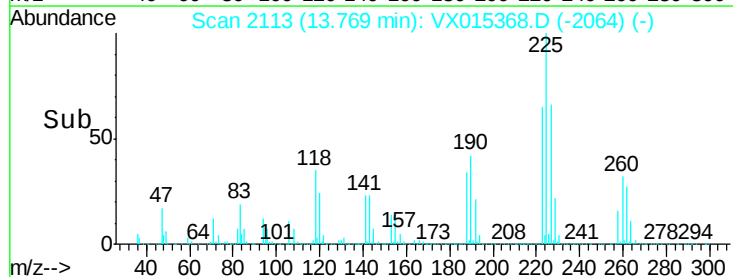
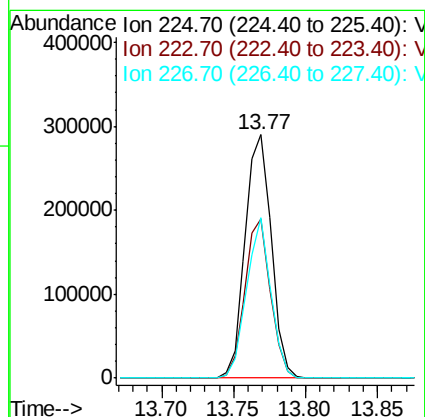
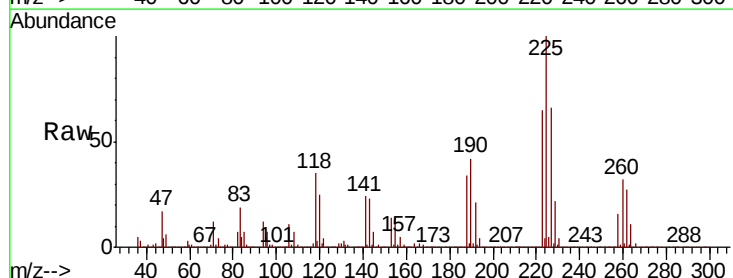
Manual Integrations
 APPROVED

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 3/27/2020 5:16:13 PM



#94
 Hexachlorobutadiene
 Concen: 53.965 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VX015368.D
 Acq: 26 Mar 2020 20:39

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	363676		
223	63.8	31.9	95.7	
227	60.9	30.4	91.3	





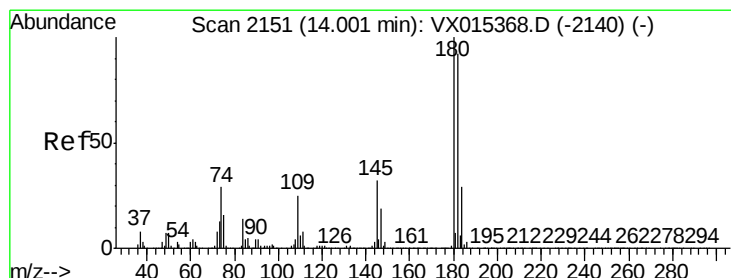
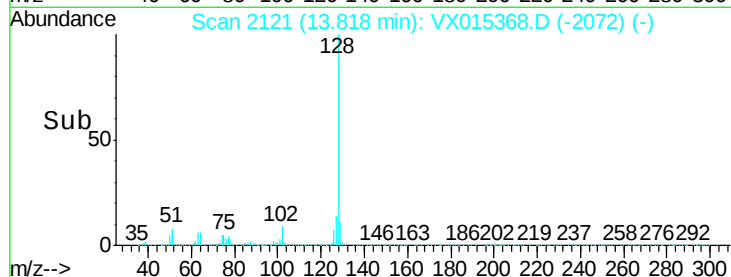
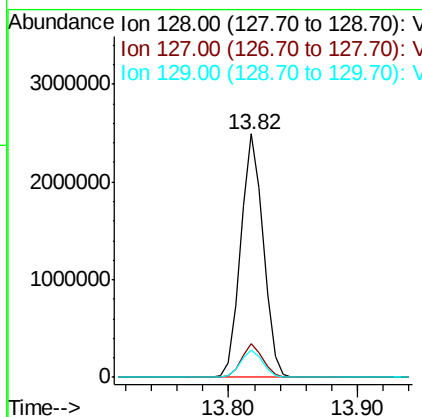
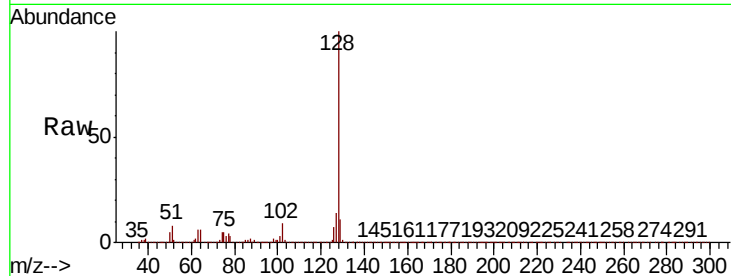
#95
Naphthalene
Concen: 57.663 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015368.D
Acq: 26 Mar 2020 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.6	15.8
129	11.0	8.8	13.2

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 59.125 ug/l
RT: 14.00 min Scan# 2151
Delta R.T. 0.00 min
Lab File: VX015368.D
Acq: 26 Mar 2020 20:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.3	46.7	140.0
145	31.5	15.8	47.3

