

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040920\
 Data File : VX015609.D
 Acq On : 09 Apr 2020 20:08
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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Quant Time: Apr 10 09:17:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1124552	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1767810	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1646475	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	877696	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	740852	46.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.42%	
35) Dibromofluoromethane	5.47	113	529760	46.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.76%	
50) Toluene-d8	8.70	98	2007146	48.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.48%	
62) 4-Bromofluorobenzene	11.12	95	816710	48.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.60%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.19	85	480209	48.469	ug/l 99
3) Chloromethane	1.31	50	601511	47.674	ug/l 100
4) Vinyl Chloride	1.39	62	585005	50.495	ug/l 100
5) Bromomethane	1.62	94	326448	63.275	ug/l 97
6) Chloroethane	1.71	64	361829	50.357	ug/l 99
7) Trichlorofluoromethane	1.92	101	819050	52.716	ug/l 99
8) Diethyl Ether	2.17	74	326494	49.821	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	520439	51.383	ug/l 99
10) Methyl Iodide	2.50	142	743091	54.416	ug/l 99
11) Tert butyl alcohol	3.01	59	751315	197.906	ug/l 99
12) 1,1-Dichloroethene	2.36	96	525917	49.536	ug/l 100
13) Acrolein	2.27	56	272909	126.198	ug/l 98
14) Allyl chloride	2.71	41	1146338	46.209	ug/l 98
15) Acrylonitrile	3.12	53	1739481	240.265	ug/l 100
16) Acetone	2.42	43	1609372	236.184	ug/l 99
17) Carbon Disulfide	2.55	76	1448059	44.710	ug/l 99
18) Methyl Acetate	2.75	43	862281	49.581	ug/l 98
19) Methyl tert-butyl Ether	3.17	73	1991878	48.374	ug/l 100
20) Methylene Chloride	2.84	84	603024	47.379	ug/l 94
21) trans-1,2-Dichloroethene	3.14	96	570445	48.413	ug/l 98
22) Diisopropyl ether	3.83	45	2138816	48.655	ug/l 96
23) Vinyl Acetate	3.79	43	9331753	234.464	ug/l 100
24) 1,1-Dichloroethane	3.67	63	1110478	47.980	ug/l 100
25) 2-Butanone	4.64	43	2547722	232.489	ug/l 99
26) 2,2-Dichloropropane	4.55	77	852760	44.888	ug/l 100
27) cis-1,2-Dichloroethene	4.57	96	669615	49.121	ug/l 99
28) Bromochloromethane	4.98	49	546286	49.436	ug/l 98
29) Tetrahydrofuran	5.09	42	1652909	234.625	ug/l 100
30) Chloroform	5.18	83	1089838	48.943	ug/l 98
31) Cyclohexane	5.55	56	990463	49.331	ug/l 98
32) 1,1,1-Trichloroethane	5.47	97	1007322	49.986	ug/l 99
36) 1,1-Dichloropropene	5.78	75	818830	50.271	ug/l 100
37) Ethyl Acetate	4.80	43	1004317	47.354	ug/l 99
38) Carbon Tetrachloride	5.76	117	882354	50.014	ug/l 97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	947091	50.429	ug/l	99
40) Benzene	6.12	78	2376510	49.808	ug/l	98
41) Methacrylonitrile	5.01	41	571289	48.524	ug/l	98
42) 1,2-Dichloroethane	6.17	62	962351	50.213	ug/l	100
43) Isopropyl Acetate	6.42	43	1722310	48.106	ug/l	99
44) Trichloroethene	7.19	130	673962	51.793	ug/l	95
45) 1,2-Dichloropropane	7.49	63	639724	49.012	ug/l	98
46) Dibromomethane	7.64	93	423301	49.439	ug/l	97
47) Bromodichloromethane	7.88	83	899052	49.279	ug/l	96
48) Methyl methacrylate	7.75	41	864007	48.315	ug/l	99
49) 1,4-Dioxane	7.72	88	272730	817.523	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	4978404	245.363	ug/l	100
52) Toluene	8.77	92	1501502	51.043	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	1020237	47.681	ug/l	95
54) cis-1,3-Dichloropropene	8.42	75	1066915	48.949	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	615328	51.056	ug/l	97
56) Ethyl methacrylate	9.16	69	1052605	49.557	ug/l	98
57) 1,3-Dichloropropane	9.36	76	1067522	49.163	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	2623540	253.940	ug/l	99
59) 2-Hexanone	9.48	43	3755133	245.137	ug/l	99
60) Dibromochloromethane	9.57	129	729966	50.405	ug/l	99
61) 1,2-Dibromoethane	9.65	107	660193	50.378	ug/l	99
64) Tetrachloroethene	9.32	164	601267	48.390	ug/l	92
65) Chlorobenzene	10.12	112	1653525	50.358	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	649559	49.516	ug/l	99
67) Ethyl Benzene	10.24	91	2967538	50.956	ug/l	99
68) m/p-Xylenes	10.34	106	2183161	100.673	ug/l	99
69) o-Xylene	10.68	106	1083758	50.575	ug/l	98
70) Styrene	10.70	104	1896480	50.294	ug/l	99
71) Bromoform	10.84	173	584652	48.958	ug/l #	99
73) Isopropylbenzene	11.00	105	2875513	50.001	ug/l	99
74) N-amyl acetate	10.88	43	1489343	46.564	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	940776	47.675	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	870367m	48.222	ug/l	
77) Bromobenzene	11.24	156	783520	51.078	ug/l	95
78) n-propylbenzene	11.35	91	3345562	50.876	ug/l	100
79) 2-Chlorotoluene	11.41	91	1978709	49.093	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	2431710	49.512	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	336267	44.703	ug/l	98
82) 4-Chlorotoluene	11.49	91	2317525	49.048	ug/l	99
83) tert-Butylbenzene	11.76	119	2413883	50.317	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	2466899	49.289	ug/l	98
85) sec-Butylbenzene	11.93	105	2775827	50.030	ug/l	100
86) p-Isopropyltoluene	12.05	119	2657735	51.598	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	1357593	49.437	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	1381311	49.382	ug/l	99
89) n-Butylbenzene	12.37	91	2311758	49.665	ug/l	99
90) Hexachloroethane	12.58	117	464013	46.284	ug/l	93
91) 1,2-Dichlorobenzene	12.38	146	1356207	50.465	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	242519	43.543	ug/l	96

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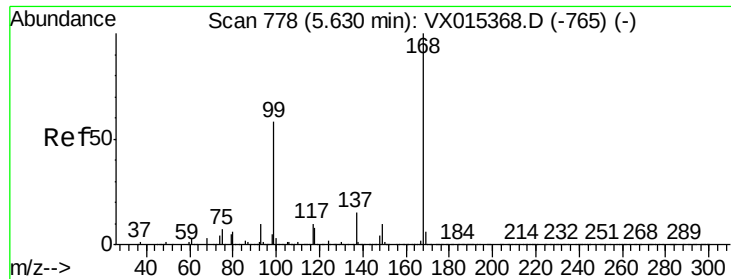
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	1051067	49.445	ug/l	96
94) Hexachlorobutadiene	13.77	225	466354	46.078	ug/l	96
95) Naphthalene	13.82	128	3284902	50.660	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	1010905	49.393	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.01 min

Lab File: VX015609.D

Acq: 09 Apr 2020 20:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 1124552

Ion Ratio Lower Upper

168 100

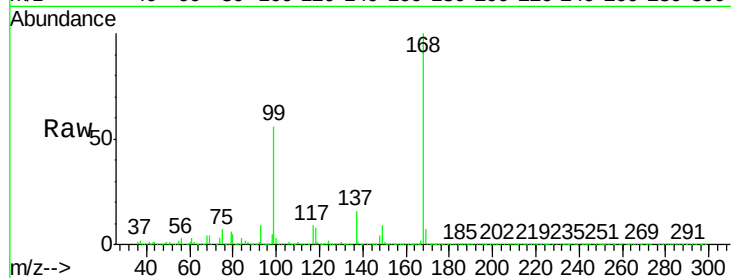
99 55.7 46.4 69.6

Manual Integrations

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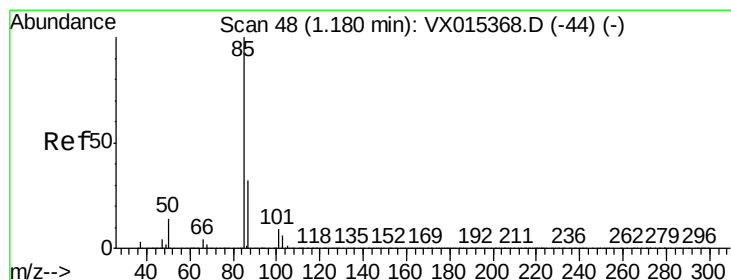
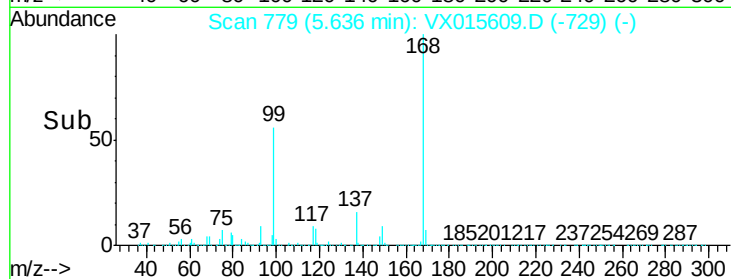
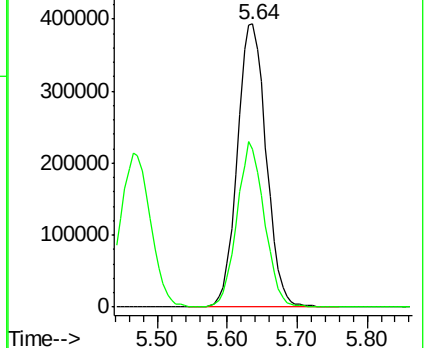
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 48.469 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.01 min

Lab File: VX015609.D

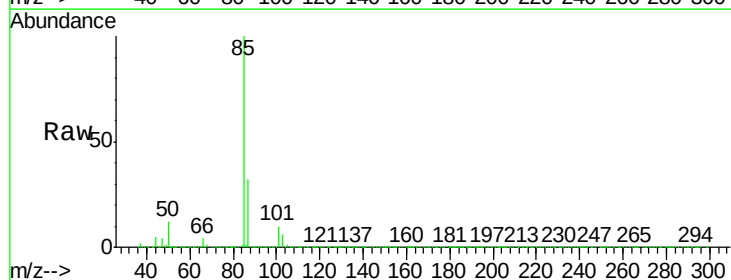
Acq: 09 Apr 2020 20:08

Tgt Ion: 85 Resp: 480209

Ion Ratio Lower Upper

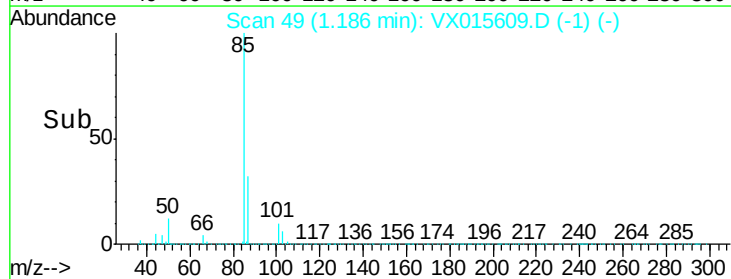
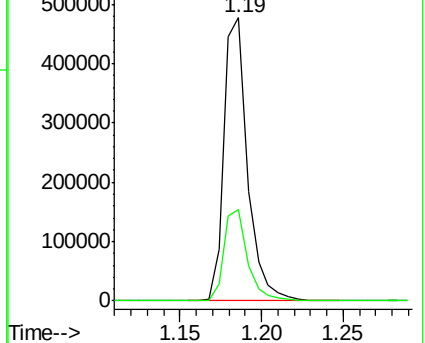
85 100

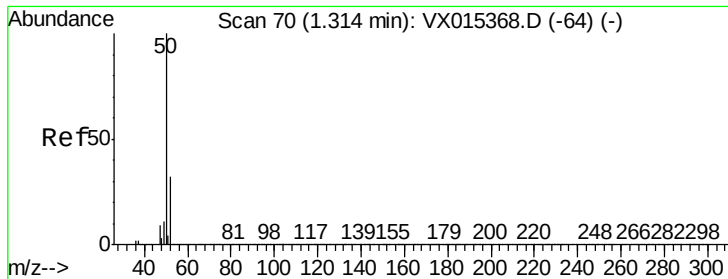
87 32.3 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 47.674 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX015609.D

Acq: 09 Apr 2020 20:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 601511

Ion Ratio Lower Upper

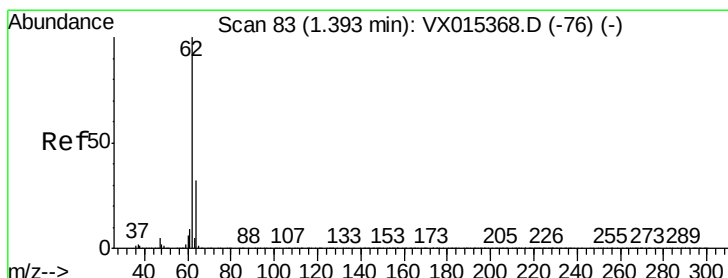
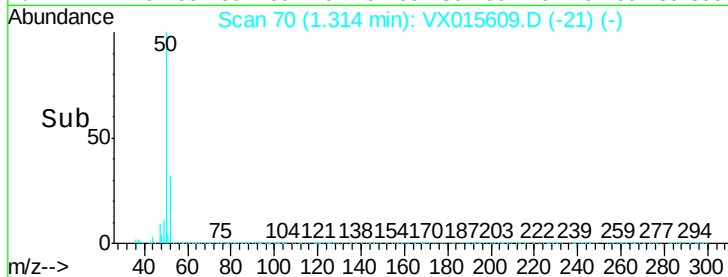
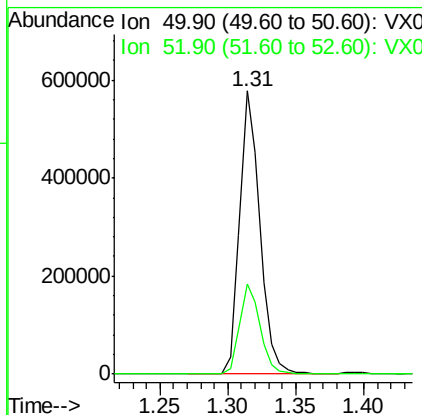
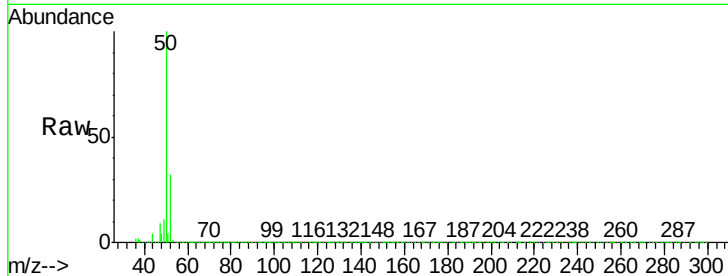
50 100

52 31.5 25.3 37.9

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#4

Vinyl Chloride

Concen: 50.495 ug/l

RT: 1.39 min Scan# 83

Delta R.T. -0.00 min

Lab File: VX015609.D

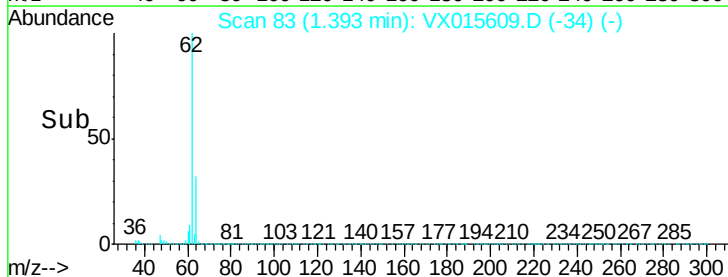
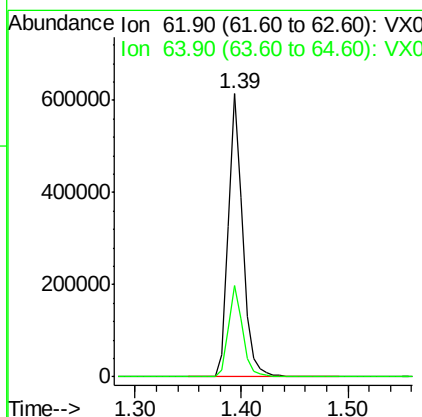
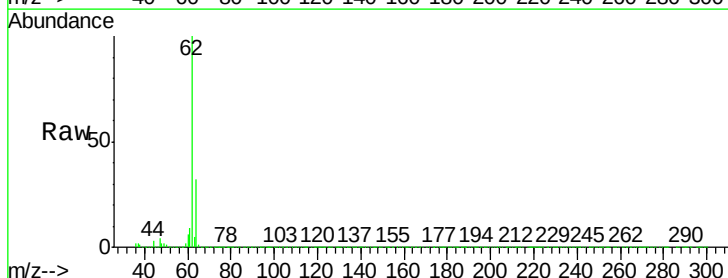
Acq: 09 Apr 2020 20:08

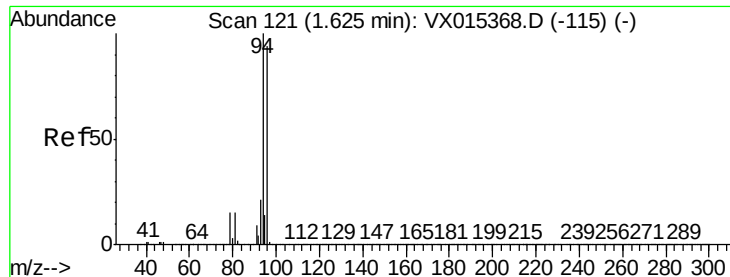
Tgt Ion: 62 Resp: 585005

Ion Ratio Lower Upper

62 100

64 32.2 26.0 39.0





#5

Bromomethane

Concen: 63.275 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX015609.D

Acq: 09 Apr 2020 20:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 326448

Ion Ratio Lower Upper

94 100

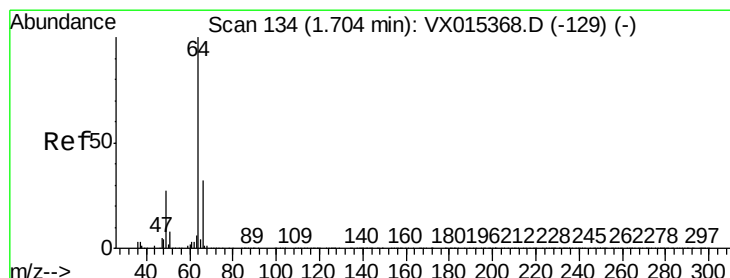
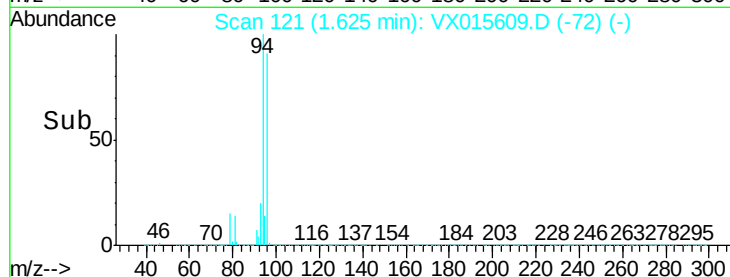
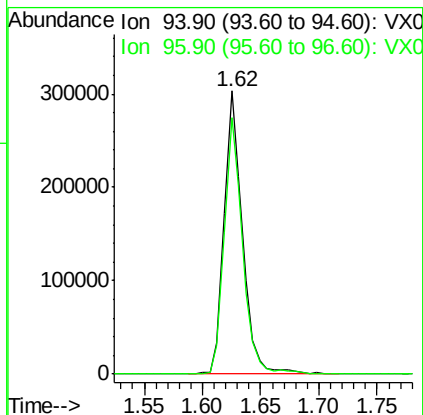
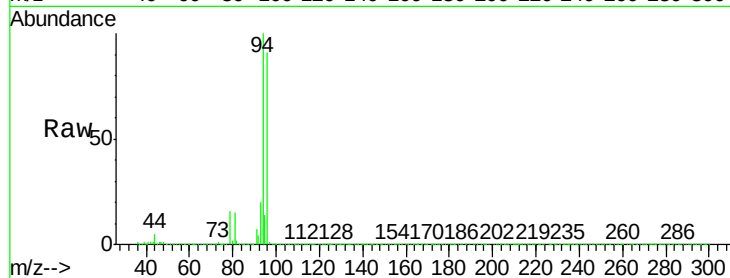
96 90.5 74.8 112.2

Manual Integrations

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#6

Chloroethane

Concen: 50.357 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX015609.D

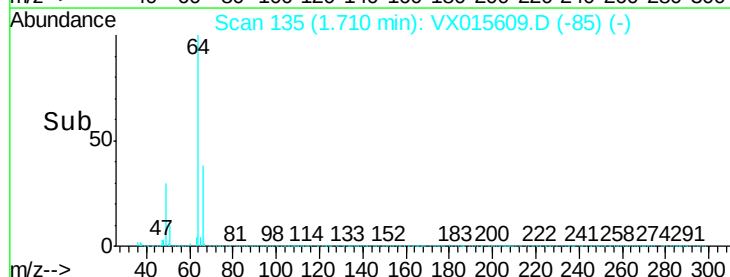
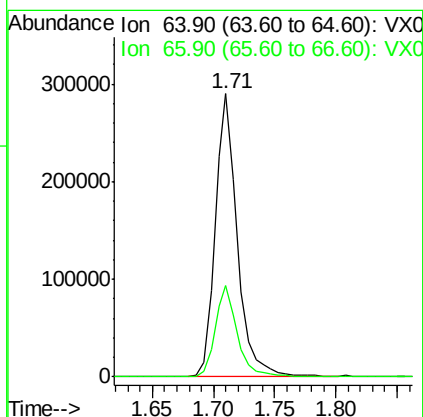
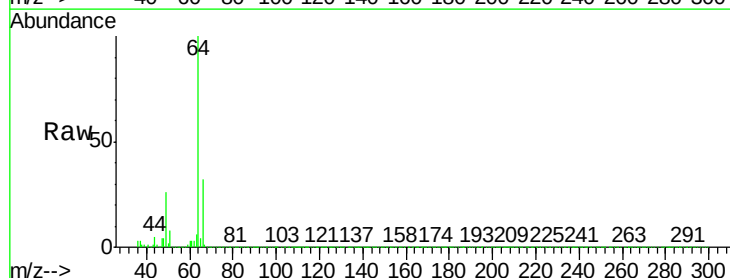
Acq: 09 Apr 2020 20:08

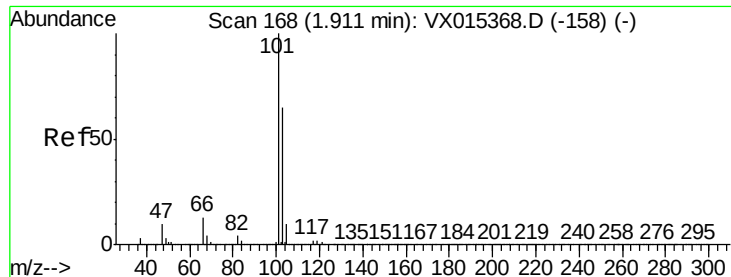
Tgt Ion: 64 Resp: 361829

Ion Ratio Lower Upper

64 100

66 32.2 25.4 38.2





#7

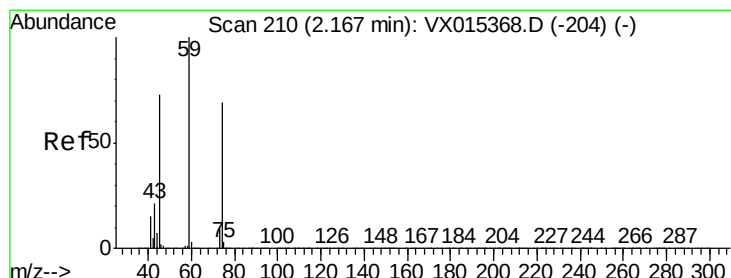
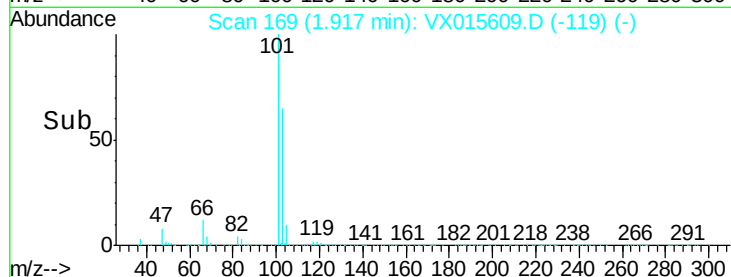
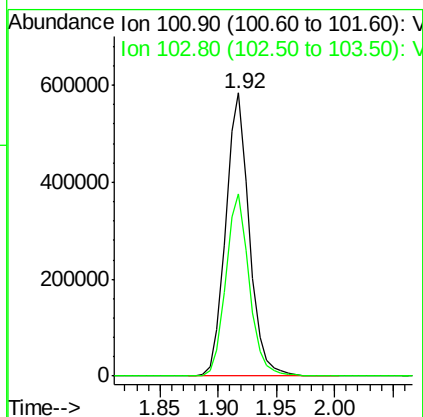
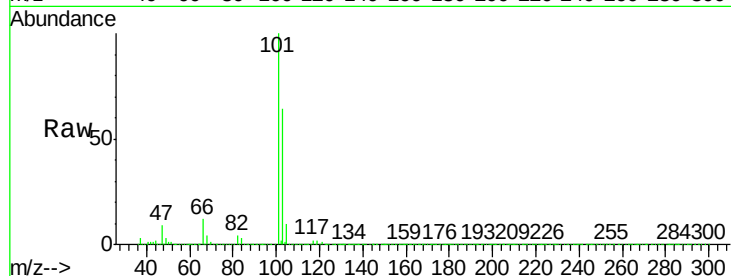
Trichlorofluoromethane
Concen: 52.716 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.01 min
Lab File: VX015609.D
Acq: 09 Apr 2020 20:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.4	52.3	78.5

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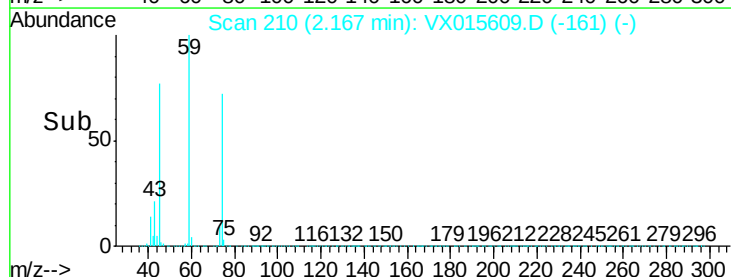
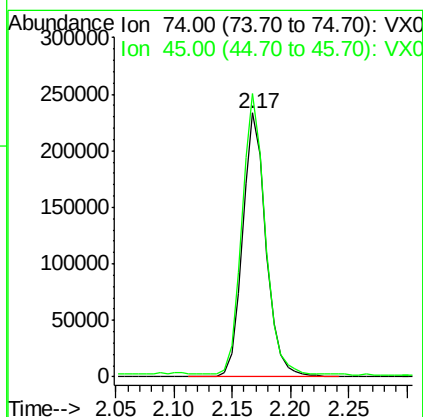
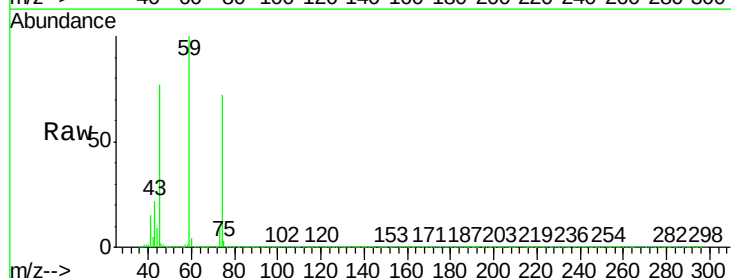
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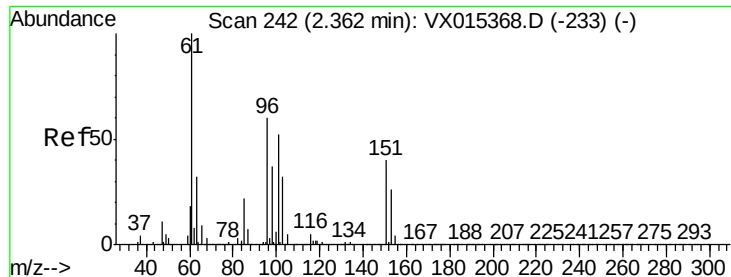


#8

Diethyl Ether
Concen: 49.821 ug/l
RT: 2.17 min Scan# 210
Delta R.T. -0.00 min
Lab File: VX015609.D
Acq: 09 Apr 2020 20:08

Tgt Ion	Ratio	Lower	Upper
74	100		
45	107.6	53.8	161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.383 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX015609.D

Acq: 09 Apr 2020 20:08

Instrument :

MSVOA_X

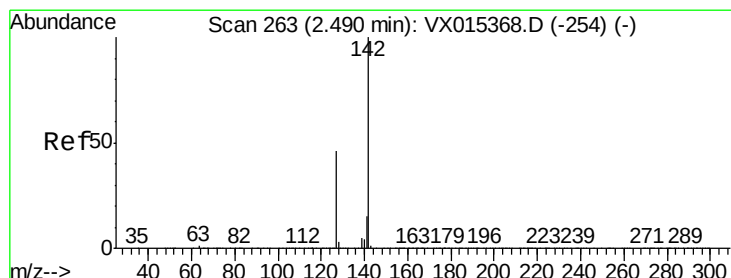
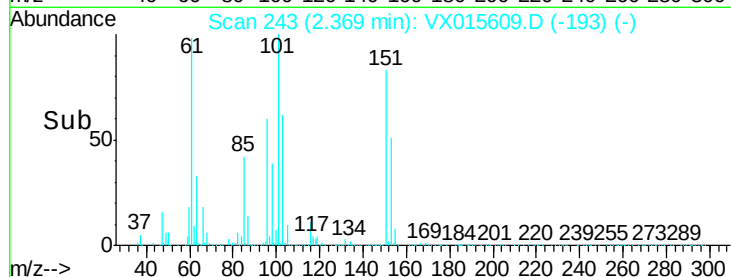
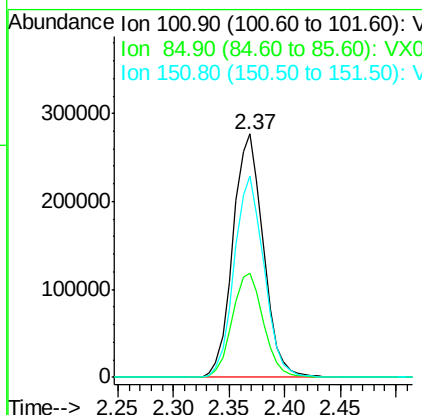
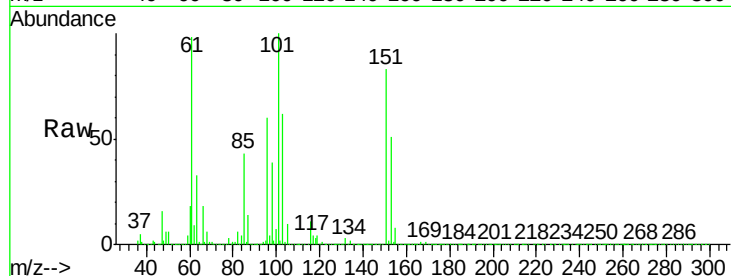
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	520439
Ion Ratio	Lower	Upper	
101	100		
85	43.9	35.0	52.4
151	81.7	64.1	96.1

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#10

Methyl Iodide

Concen: 54.416 ug/l

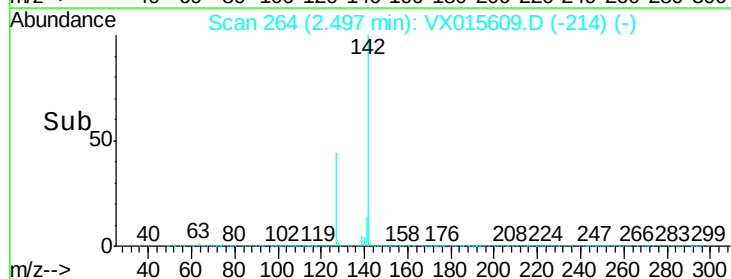
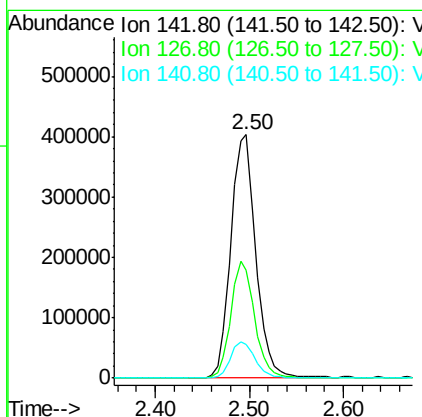
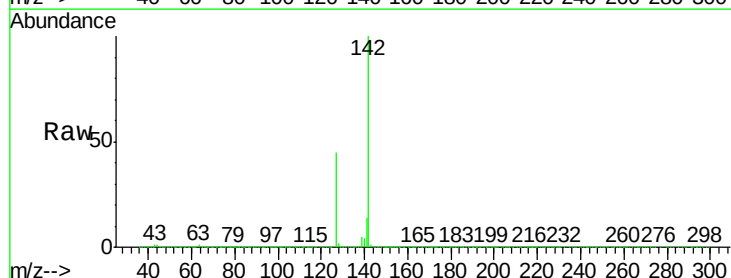
RT: 2.50 min Scan# 264

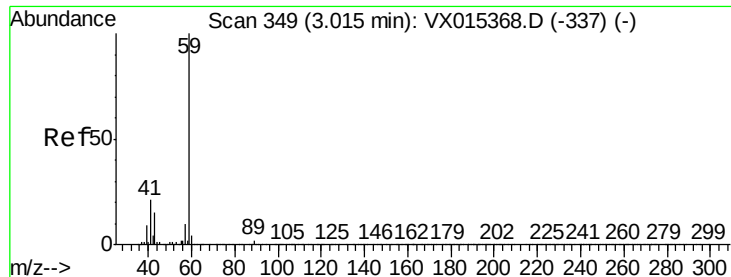
Delta R.T. 0.01 min

Lab File: VX015609.D

Acq: 09 Apr 2020 20:08

Tgt Ion:	142	Resp:	743091
Ion Ratio	Lower	Upper	
142	100		
127	45.9	35.9	53.9
141	14.6	11.6	17.4





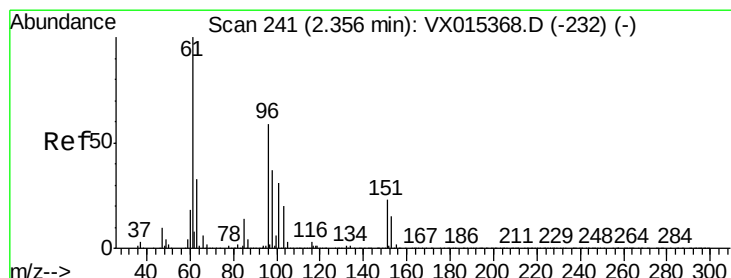
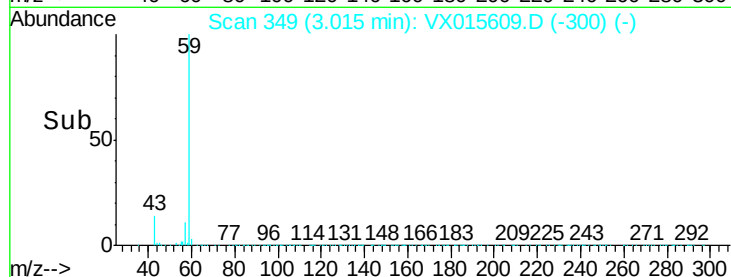
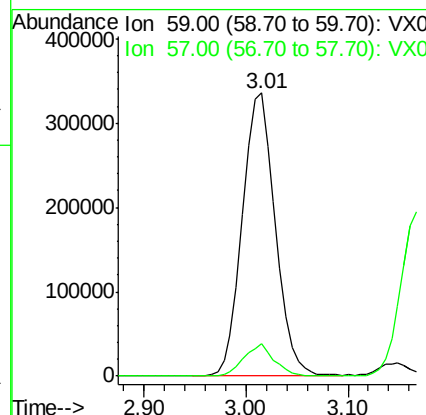
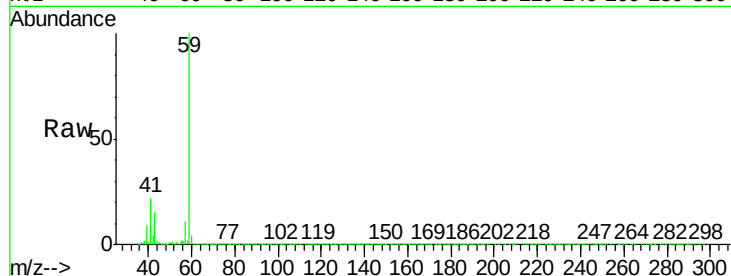
#11
Tert butyl alcohol
Concen: 197.906 ug/l
RT: 3.01 min Scan# 349
Delta R.T. 0.00 min
Lab File: VX015609.D
Acq: 09 Apr 2020 20:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
59	100	751315		
57	10.5		8.1	12.1

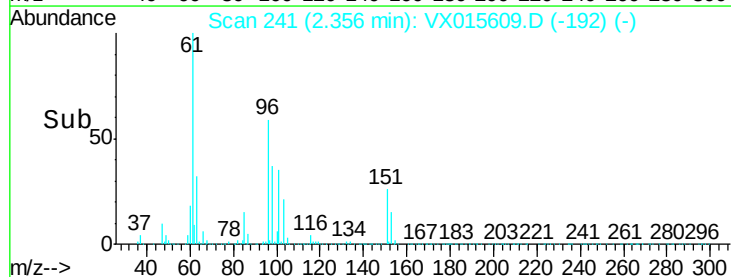
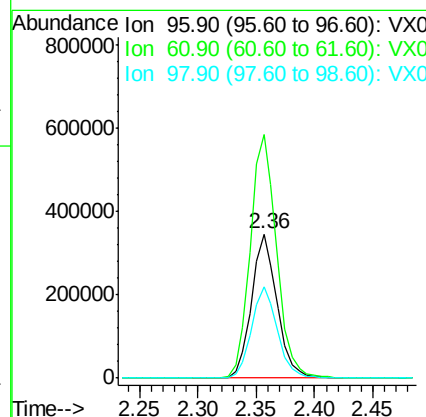
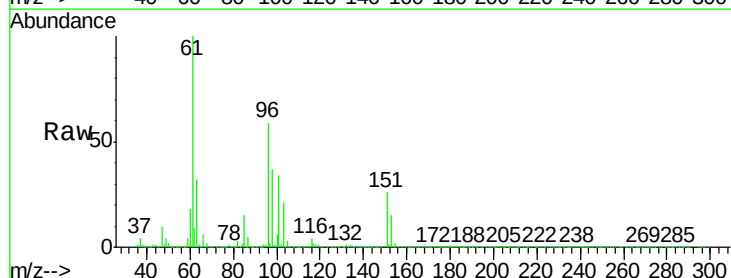
Manual Integrations
APPROVED

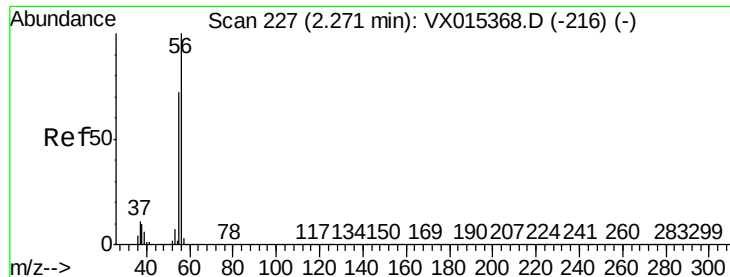
sam
4/10/2020 2:12:57 PM



#12
1,1-Dichloroethene
Concen: 49.536 ug/l
RT: 2.36 min Scan# 241
Delta R.T. 0.00 min
Lab File: VX015609.D
Acq: 09 Apr 2020 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	525917		
61	168.9		135.7	203.5
98	63.0		50.6	75.8





#13

Acrolein

Concen: 126.198 ug/l

RT: 2.27 min Scan# 227

Delta R.T. 0.00 min

Lab File: VX015609.D

Acq: 09 Apr 2020 20:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 272909

Ion Ratio Lower Upper

56 100

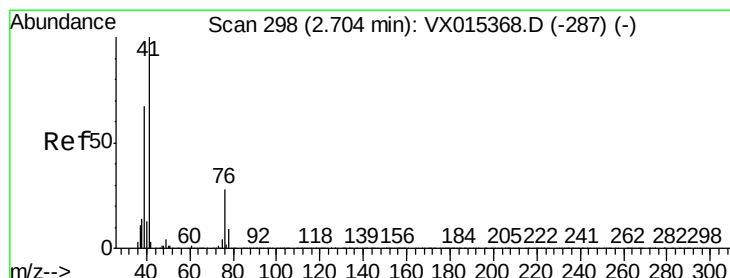
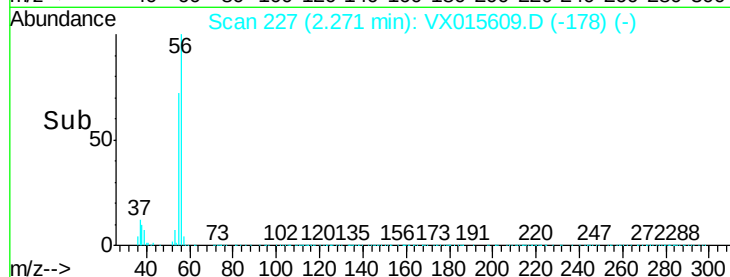
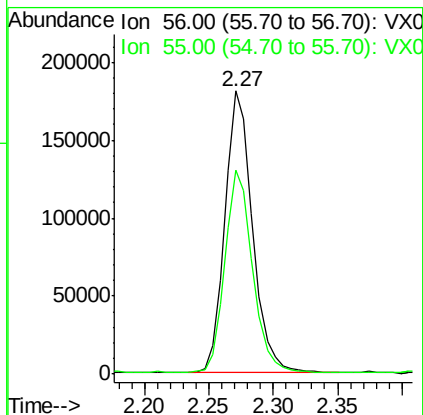
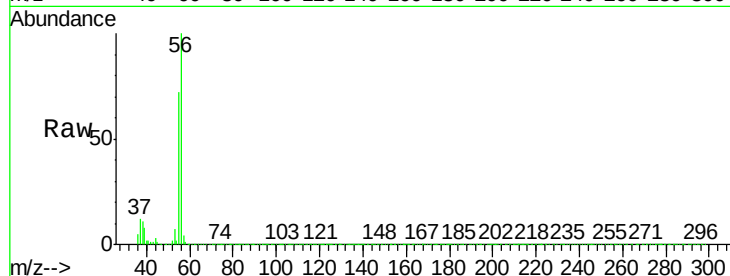
55 72.6 57.0 85.4

Manual Integrations

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#14

Allyl chloride

Concen: 46.209 ug/l

RT: 2.71 min Scan# 299

Delta R.T. 0.01 min

Lab File: VX015609.D

Acq: 09 Apr 2020 20:08

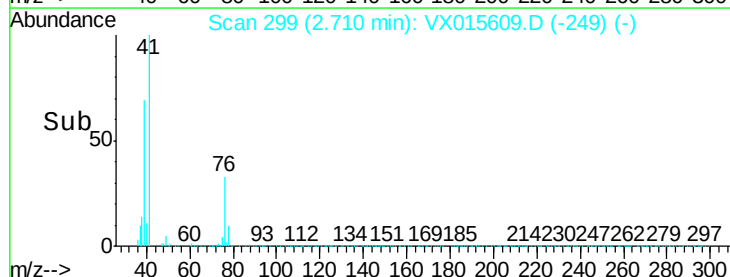
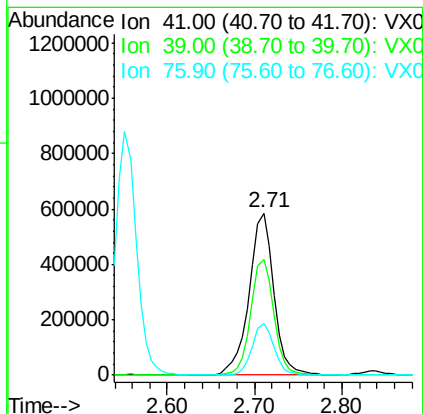
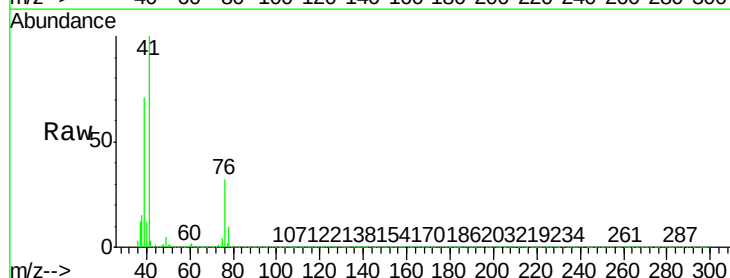
Tgt Ion: 41 Resp: 1146338

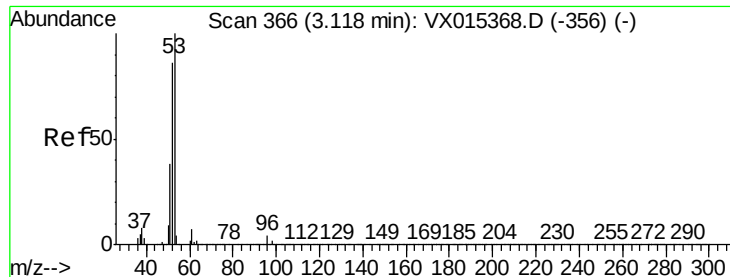
Ion Ratio Lower Upper

41 100

39 66.2 51.4 77.0

76 28.1 21.8 32.8





#15

Acrylonitrile

Concen: 240.265 ug/l

RT: 3.12 min Scan# 366

Delta R.T. -0.00 min

Lab File: VX015609.D

Acq: 09 Apr 2020 20:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 53 Resp: 1739481

Ion Ratio Lower Upper

53 100

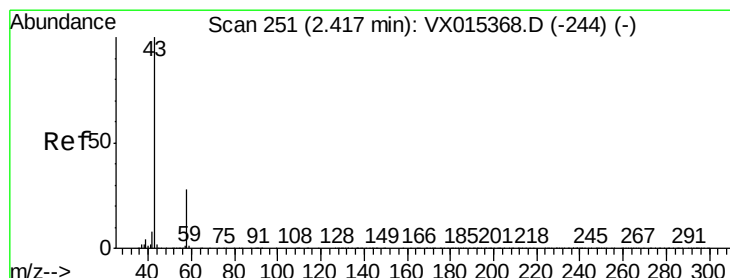
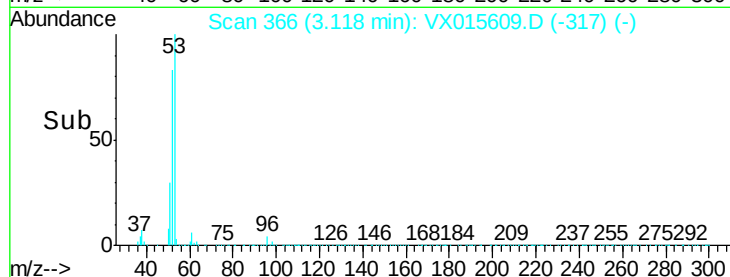
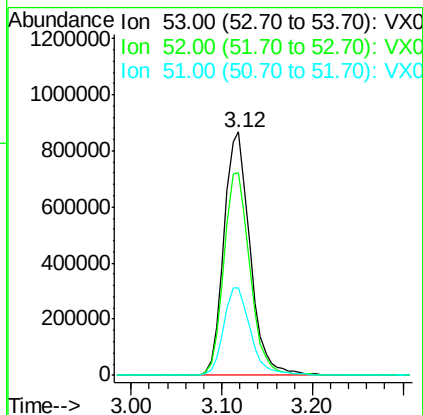
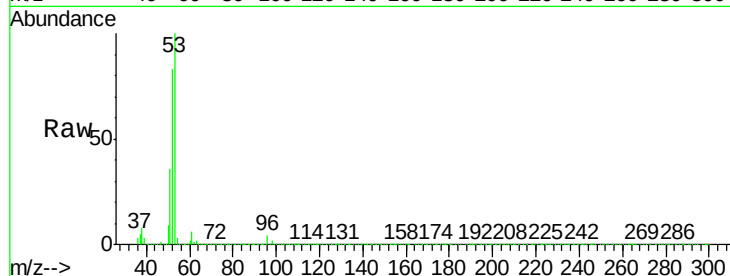
52 83.5 66.8 100.2

51 37.1 29.5 44.3

Manual Integrations
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#16

Acetone

Concen: 236.184 ug/l

RT: 2.42 min Scan# 251

Delta R.T. 0.00 min

Lab File: VX015609.D

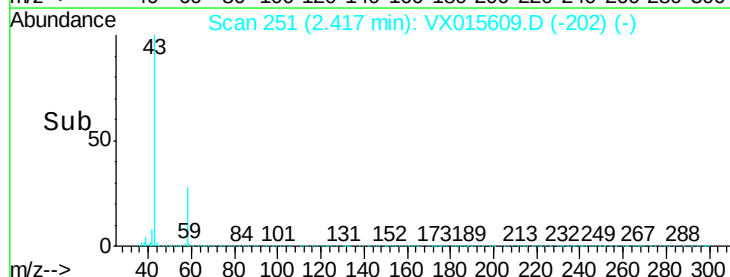
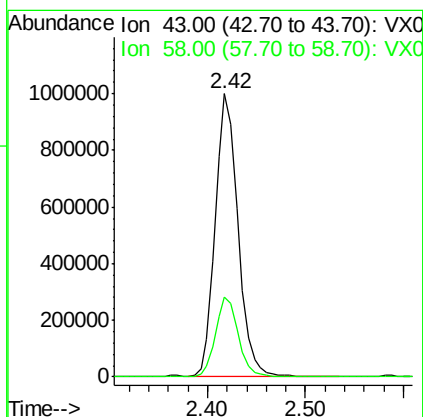
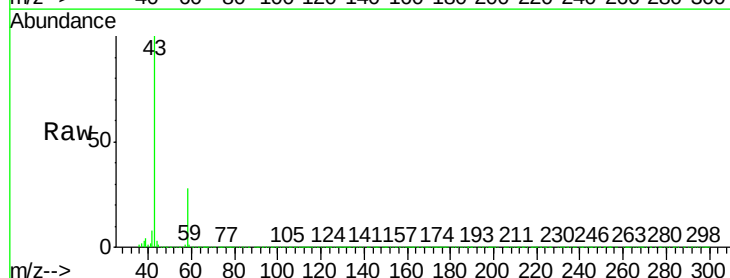
Acq: 09 Apr 2020 20:08

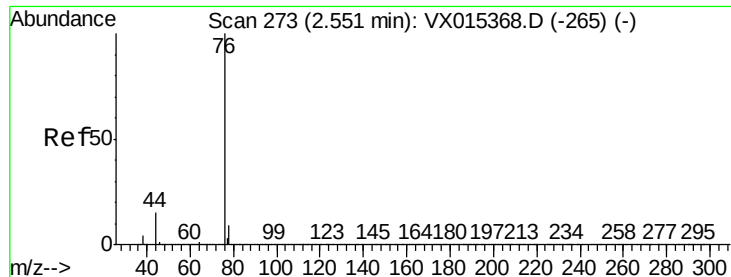
Tgt Ion: 43 Resp: 1609372

Ion Ratio Lower Upper

43 100

58 28.2 22.1 33.1





#17

Carbon Disulfide

Concen: 44.710 ug/l

RT: 2.55 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX015609.D

Acq: 09 Apr 2020 20:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 1448059

Ion Ratio Lower Upper

76 100

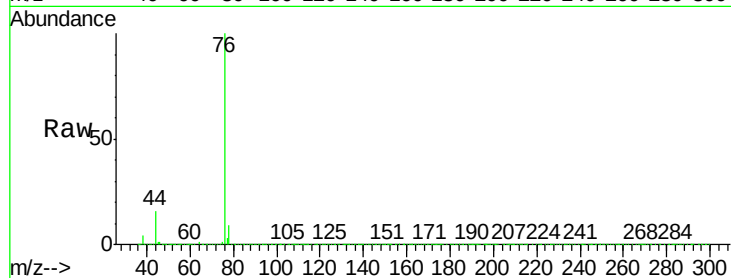
78 9.2 7.1 10.7

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

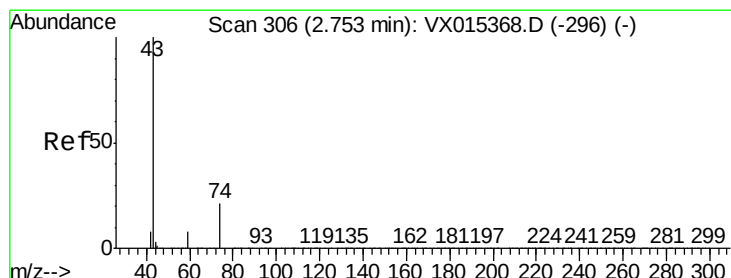
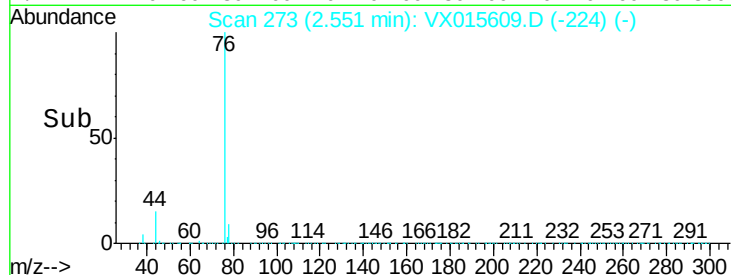
600000

400000

200000

0

Time-->



#18

Methyl Acetate

Concen: 49.581 ug/l

RT: 2.75 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX015609.D

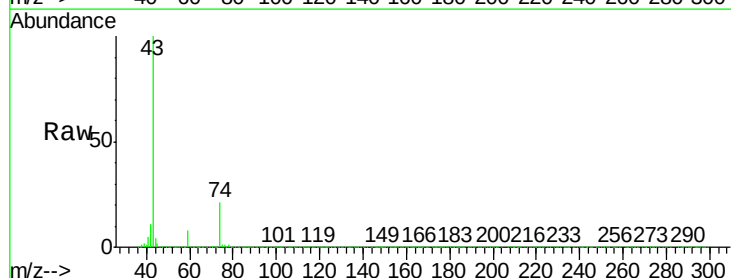
Acq: 09 Apr 2020 20:08

Tgt Ion: 43 Resp: 862281

Ion Ratio Lower Upper

43 100

74 21.6 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

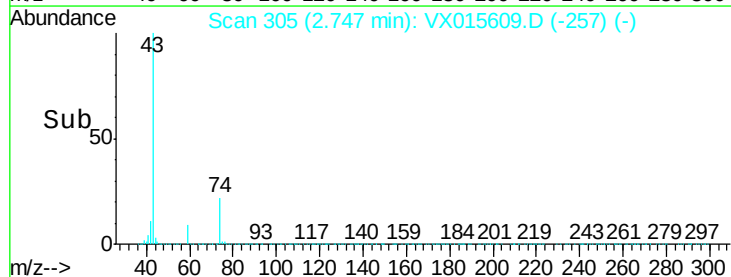
300000

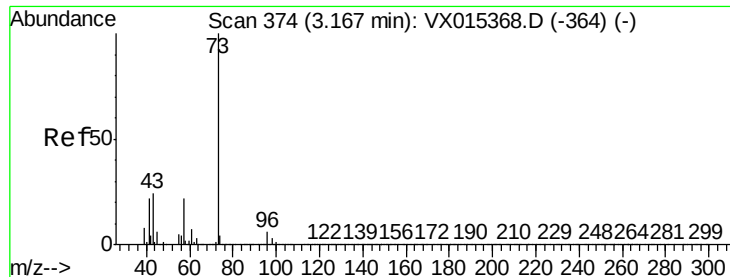
200000

100000

0

Time-->





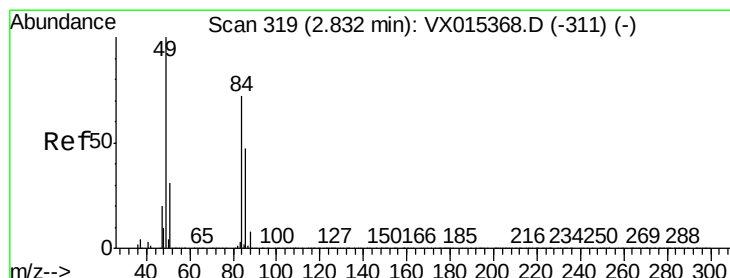
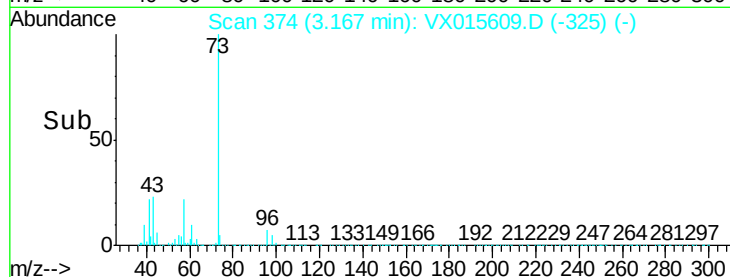
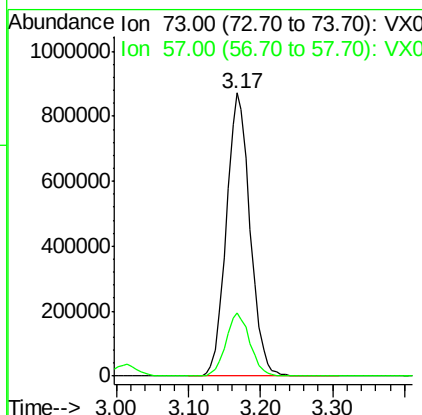
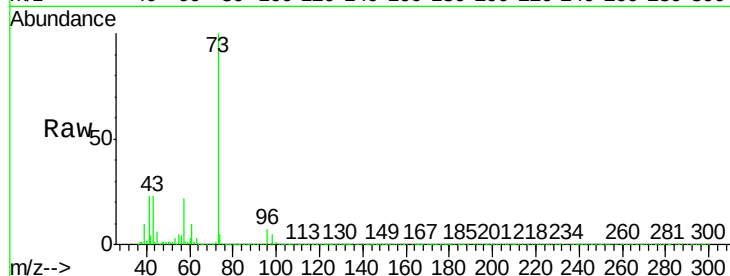
#19
Methyl tert-butyl Ether
Concen: 48.374 ug/l
RT: 3.17 min Scan# 374
Delta R.T. -0.00 min
Lab File: VX015609.D
Acq: 09 Apr 2020 20:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 1991878
Ion Ratio Lower Upper
73 100
57 22.3 17.9 26.9

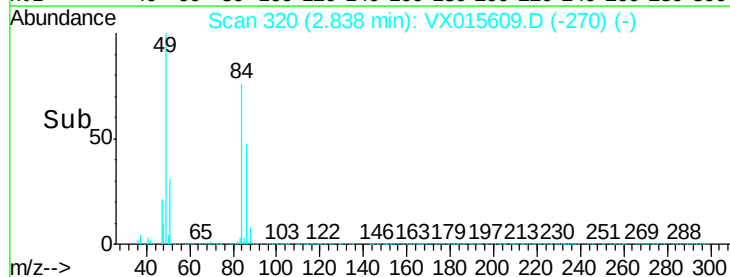
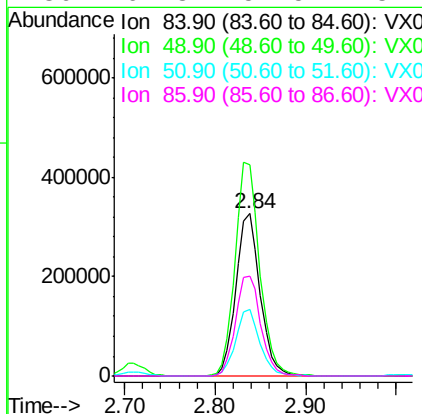
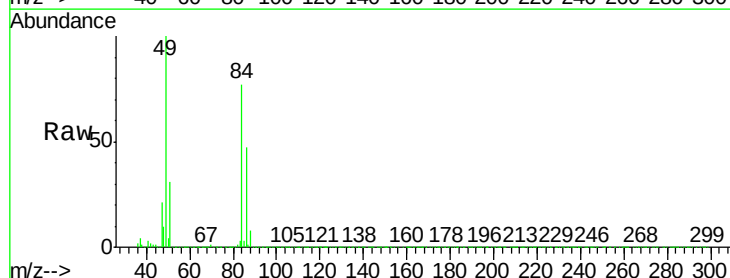
Manual Integrations
APPROVED

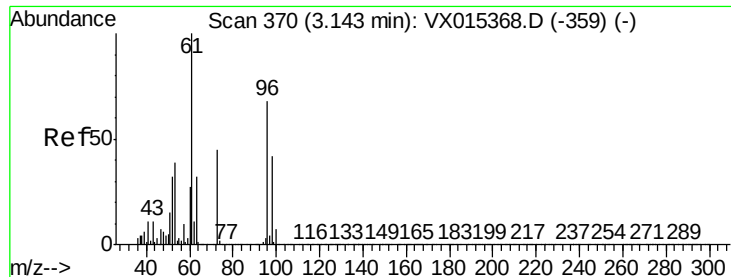
sam
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#20
Methylene Chloride
Concen: 47.379 ug/l
RT: 2.84 min Scan# 320
Delta R.T. 0.01 min
Lab File: VX015609.D
Acq: 09 Apr 2020 20:08

Tgt Ion: 84 Resp: 603024
Ion Ratio Lower Upper
84 100
49 130.6 111.3 166.9
51 41.0 34.0 51.0
86 61.8 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 48.413 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.00 min

Lab File: VX015609.D

Acq: 09 Apr 2020 20:08

Instrument :

MSVOA_X

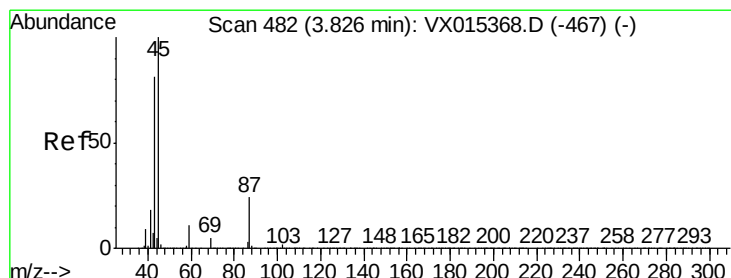
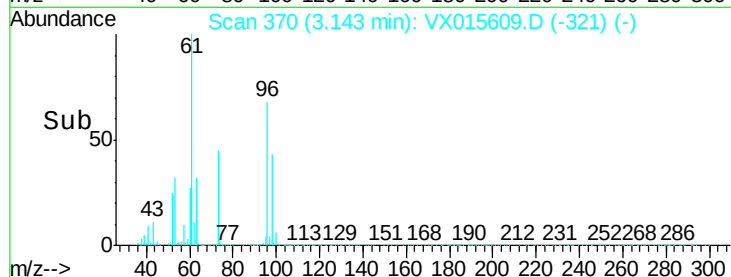
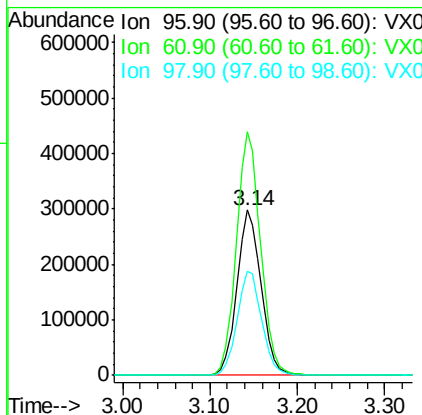
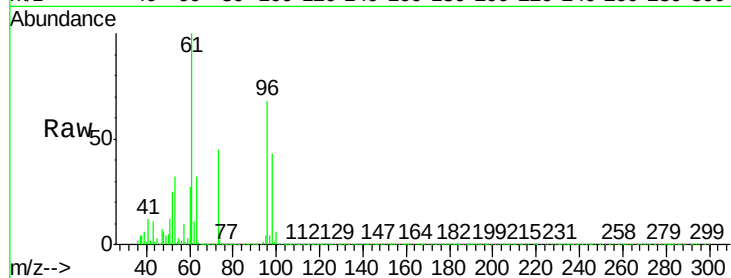
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	570445
Ion	Ratio	Lower	Upper
96	100		
61	147.6	116.9	175.3
98	62.9	48.6	73.0

Manual Integrations
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sam
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#22

Diisopropyl ether

Concen: 48.655 ug/l

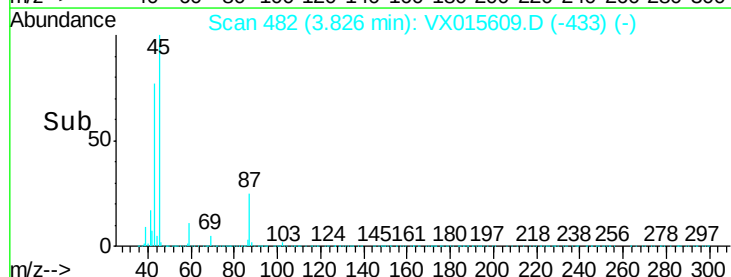
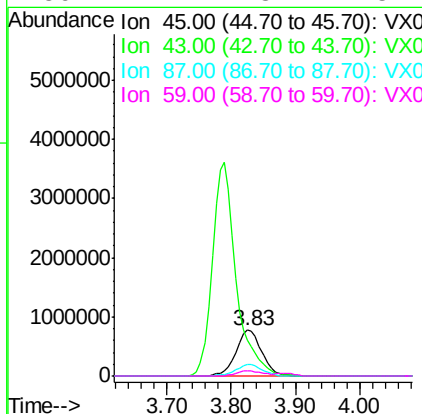
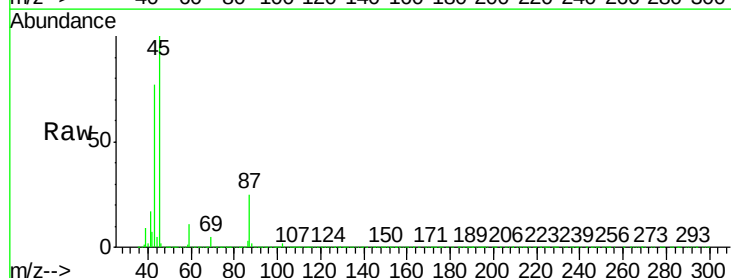
RT: 3.83 min Scan# 482

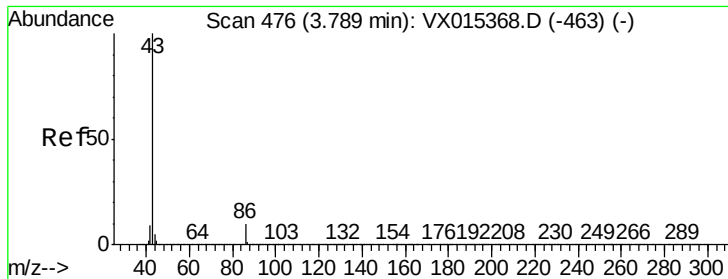
Delta R.T. 0.00 min

Lab File: VX015609.D

Acq: 09 Apr 2020 20:08

Tgt Ion:	45	Resp:	2138816
Ion	Ratio	Lower	Upper
45	100		
43	76.8	64.7	97.1
87	24.8	19.4	29.0
59	11.2	8.7	13.1





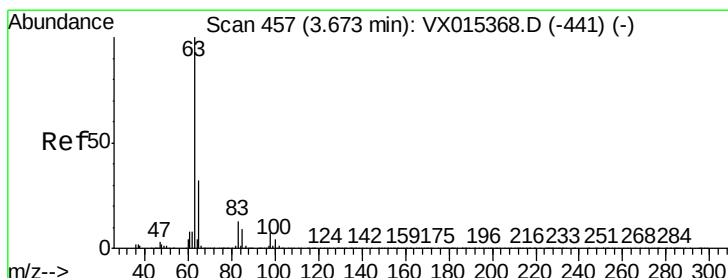
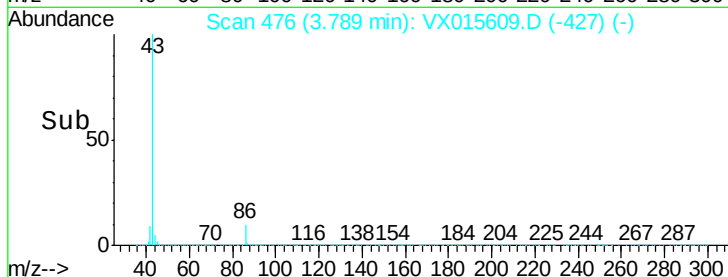
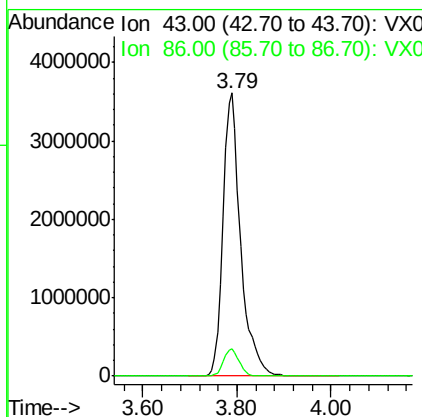
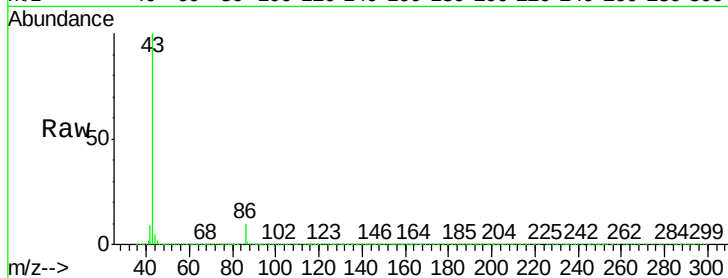
#23
 Vinyl Acetate
 Concen: 234.464 ug/l
 RT: 3.79 min Scan# 476
 Delta R.T. 0.00 min
 Lab File: VX015609.D
 Acq: 09 Apr 2020 20:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 9331753
 Ion Ratio Lower Upper
 43 100
 86 9.7 7.8 11.6

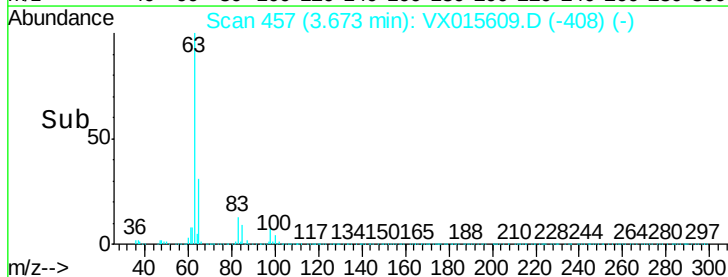
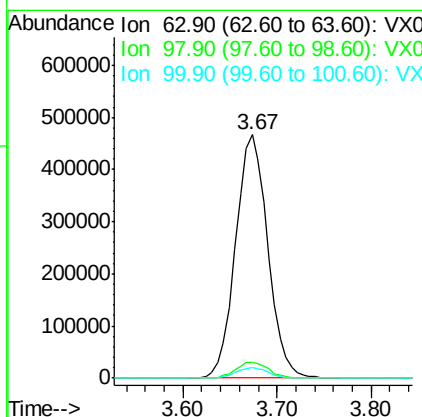
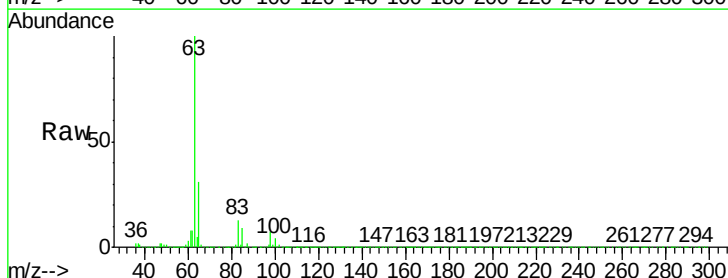
Manual Integrations
 APPROVED

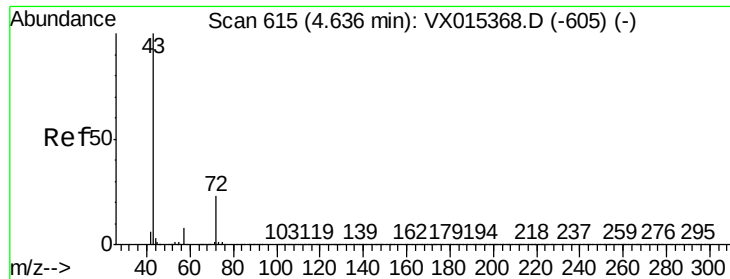
sam
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#24
 1,1-Dichloroethane
 Concen: 47.980 ug/l
 RT: 3.67 min Scan# 457
 Delta R.T. 0.00 min
 Lab File: VX015609.D
 Acq: 09 Apr 2020 20:08

Tgt Ion: 63 Resp: 1110478
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.3 9.8
 100 4.3 2.1 6.5





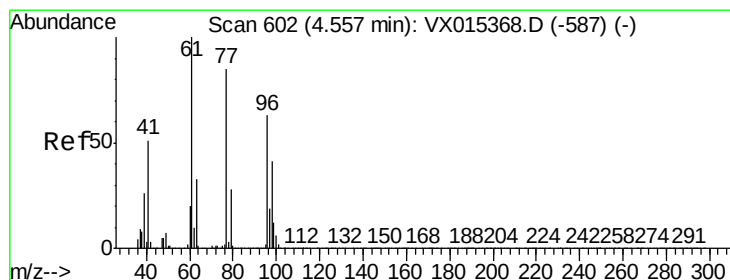
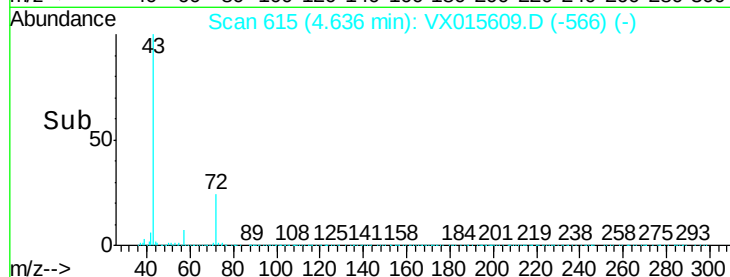
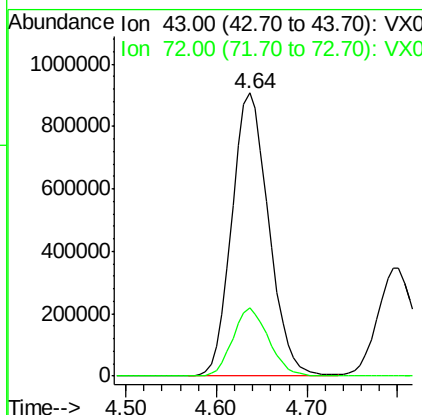
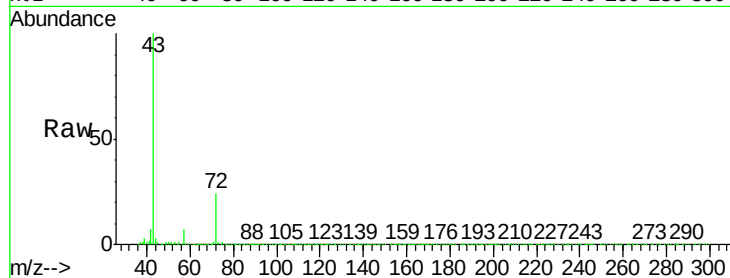
#25
2-Butanone
Concen: 232.489 ug/l
RT: 4.64 min Scan# 615
Delta R.T. -0.00 min
Lab File: VX015609.D
Acq: 09 Apr 2020 20:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 2547722
Ion Ratio Lower Upper
43 100
72 24.3 19.0 28.4

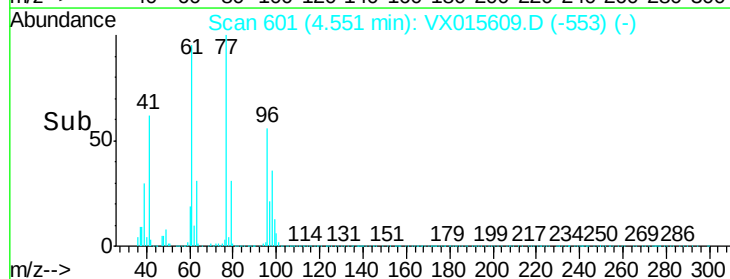
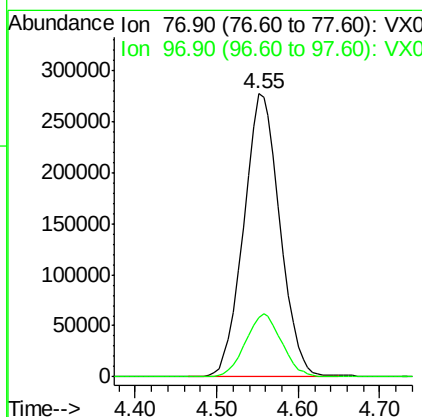
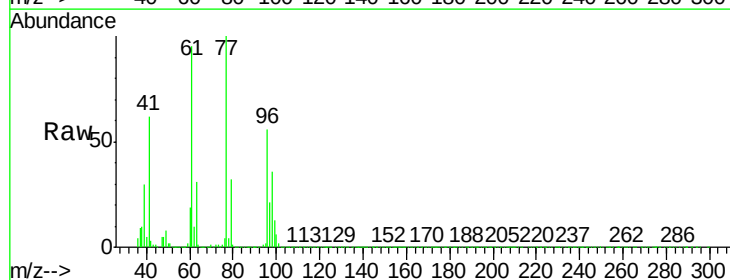
Manual Integrations
APPROVED

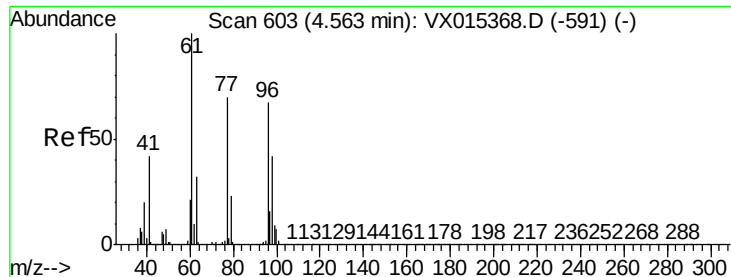
sam
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#26
2,2-Dichloropropane
Concen: 44.888 ug/l
RT: 4.55 min Scan# 601
Delta R.T. -0.01 min
Lab File: VX015609.D
Acq: 09 Apr 2020 20:08

Tgt Ion: 77 Resp: 852760
Ion Ratio Lower Upper
77 100
97 22.3 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 49.121 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.01 min

Lab File: VX015609.D

Acq: 09 Apr 2020 20:08

Instrument :

MSVOA_X

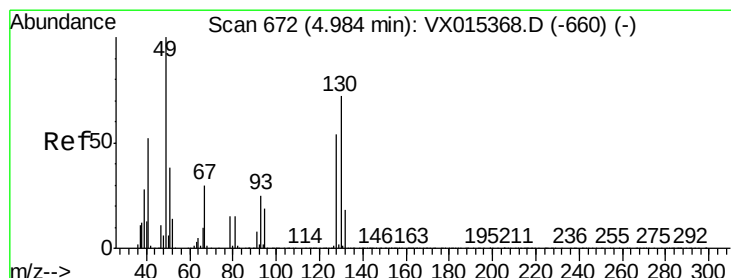
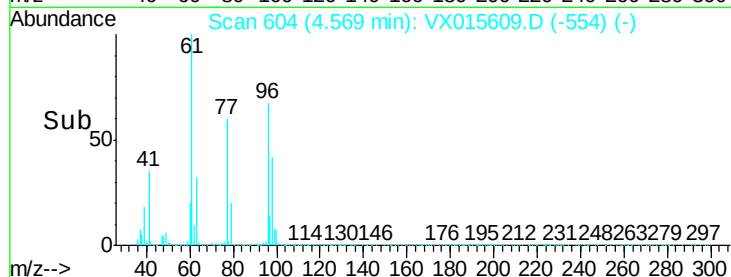
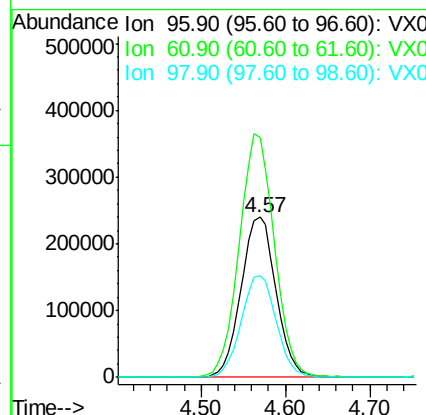
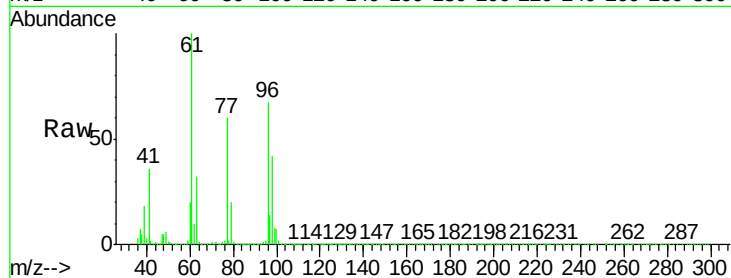
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	669615
Ion Ratio	Lower	Upper	
96	100		
61	153.4	0.0	308.4
98	63.8	0.0	129.2

Manual Integrations
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sam
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#28

Bromochloromethane

Concen: 49.436 ug/l

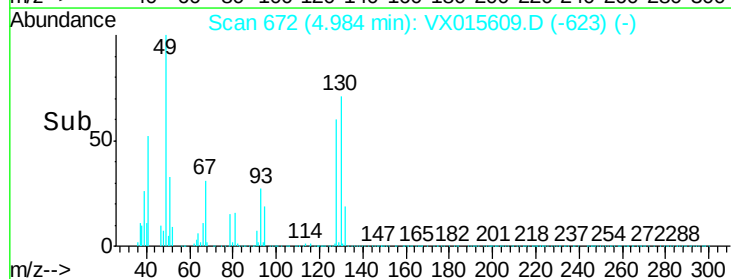
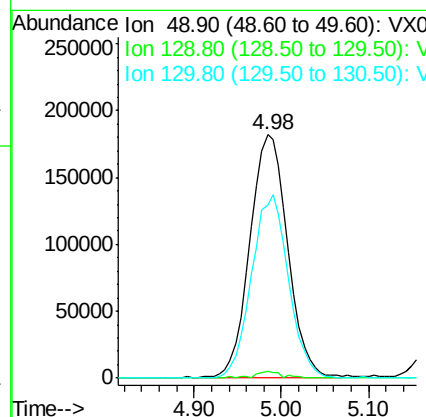
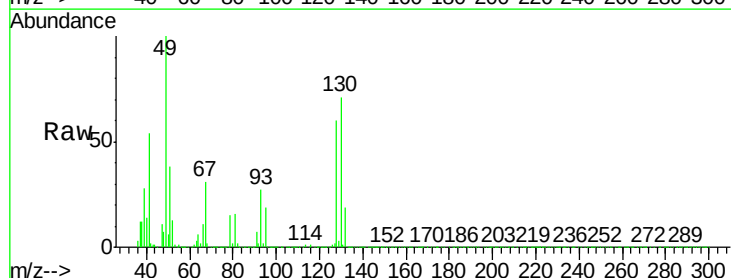
RT: 4.98 min Scan# 672

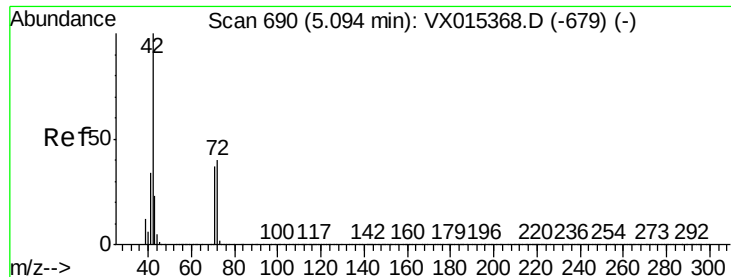
Delta R.T. -0.00 min

Lab File: VX015609.D

Acq: 09 Apr 2020 20:08

Tgt Ion:	49	Resp:	546286
Ion Ratio	Lower	Upper	
49	100		
129	1.6	0.0	4.4
130	73.5	57.7	86.5





#29

Tetrahydrofuran

Concen: 234.625 ug/l

RT: 5.09 min Scan# 690

Delta R.T. -0.00 min

Lab File: VX015609.D

Acq: 09 Apr 2020 20:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 42 Resp: 1652909

Ion Ratio Lower Upper

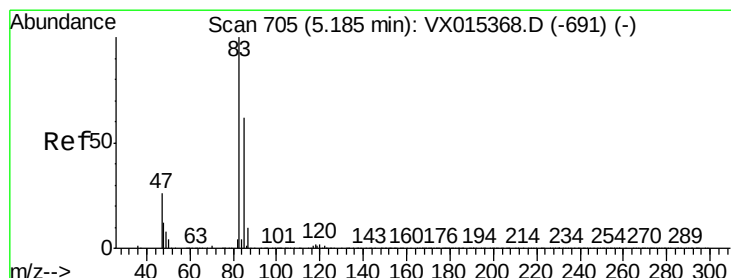
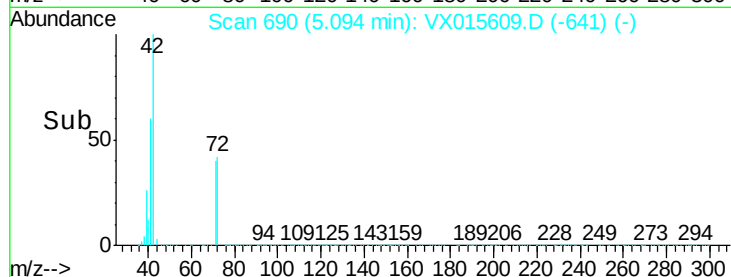
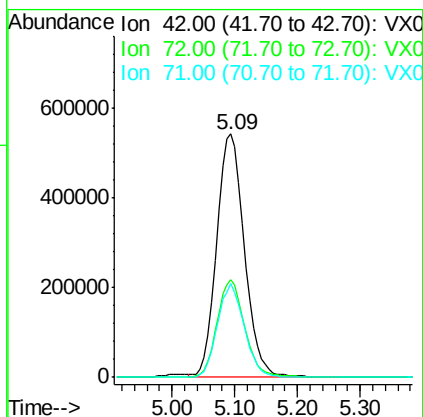
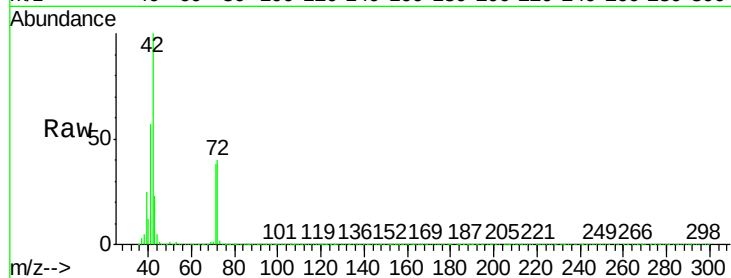
42 100

72 40.0 31.7 47.5

71 37.1 29.6 44.4

Manual Integrations
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#30

Chloroform

Concen: 48.943 ug/l

RT: 5.18 min Scan# 704

Delta R.T. -0.01 min

Lab File: VX015609.D

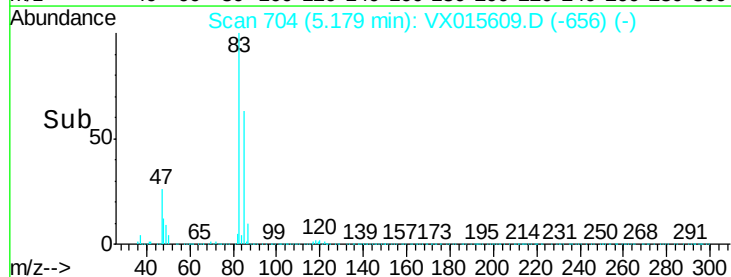
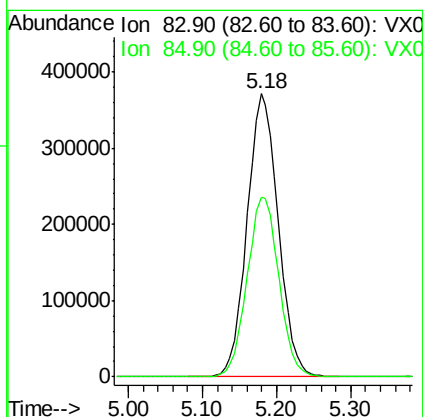
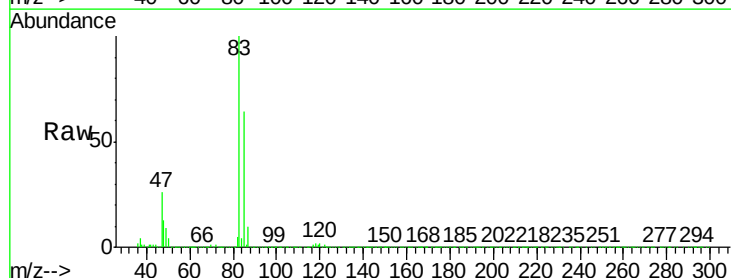
Acq: 09 Apr 2020 20:08

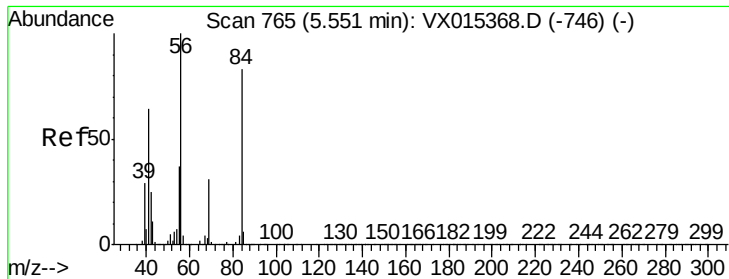
Tgt Ion: 83 Resp: 1089838

Ion Ratio Lower Upper

83 100

85 63.5 49.5 74.3





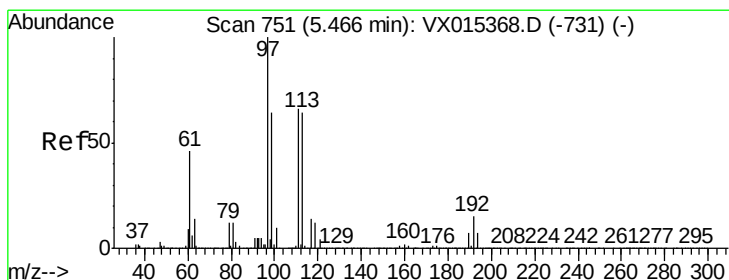
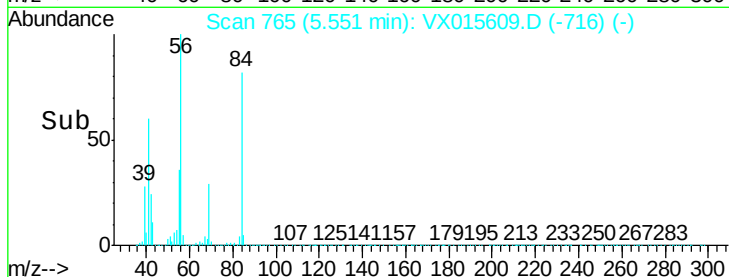
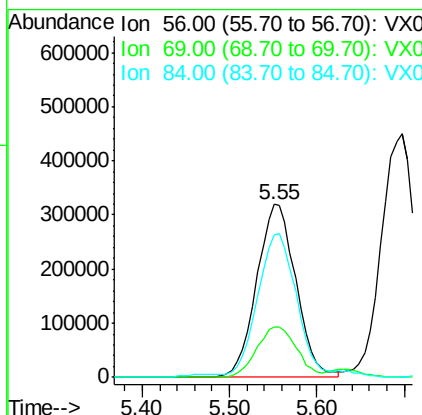
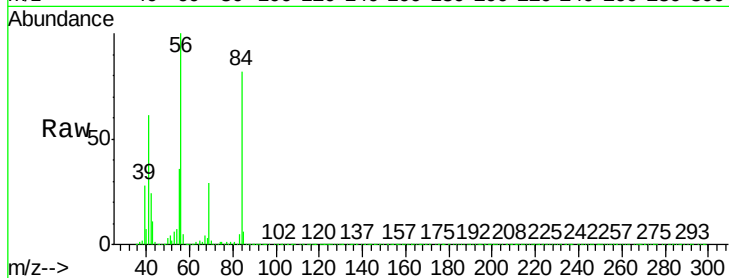
#31
Cyclohexane
Concen: 49.331 ug/l
RT: 5.55 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX015609.D
Acq: 09 Apr 2020 20:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.4	24.6	36.8
84	81.0	66.1	99.1

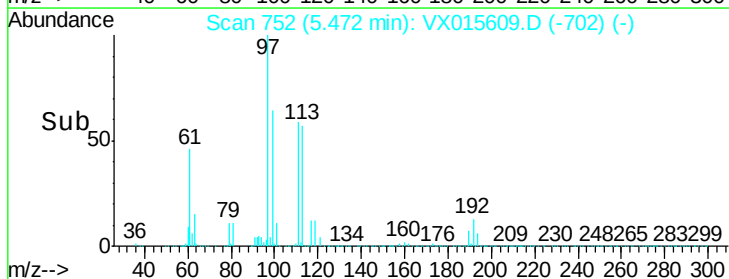
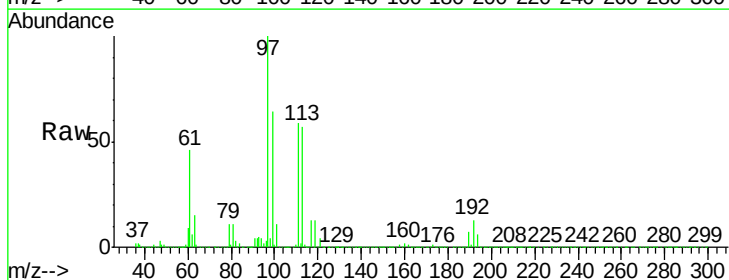
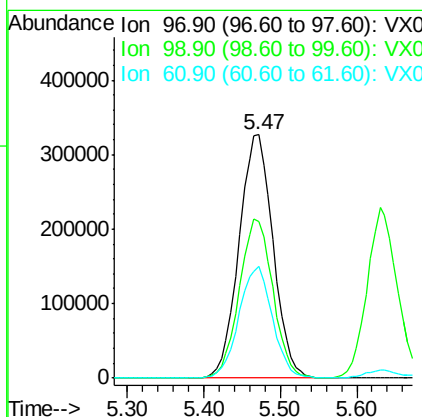
Manual Integrations
APPROVED

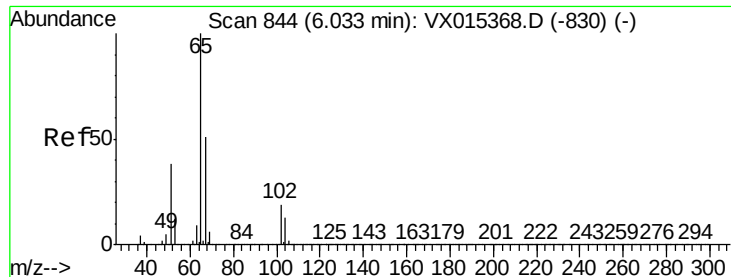
sam
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#32
1,1,1-Trichloroethane
Concen: 49.986 ug/l
RT: 5.47 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX015609.D
Acq: 09 Apr 2020 20:08

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.0	76.4
61	45.0	36.1	54.1





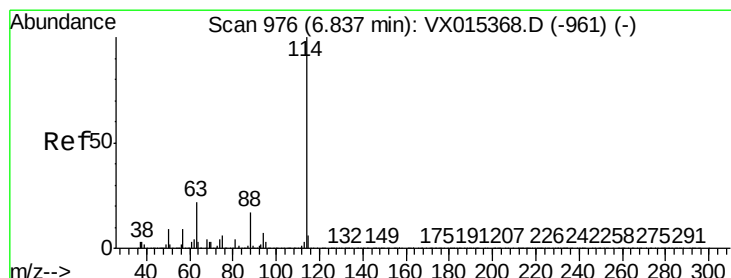
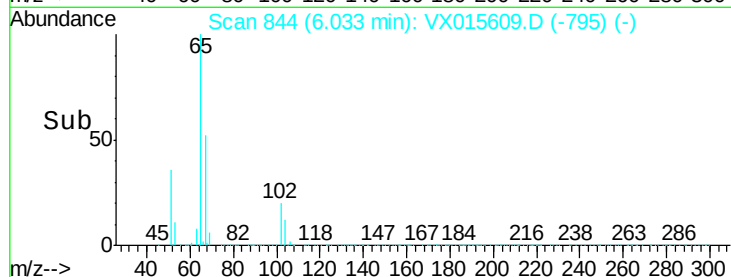
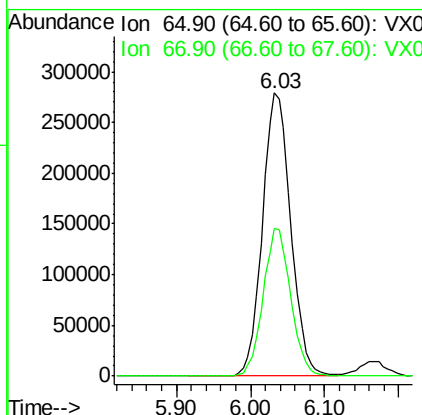
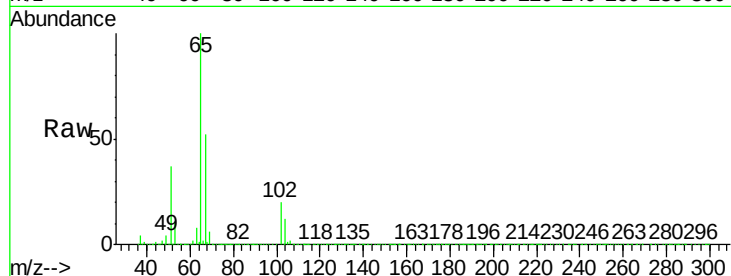
#33
 1,2-Dichloroethane-d4
 Concen: 46.710 ug/l
 RT: 6.03 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: VX015609.D
 Acq: 09 Apr 2020 20:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	50.7	0.0	102.6

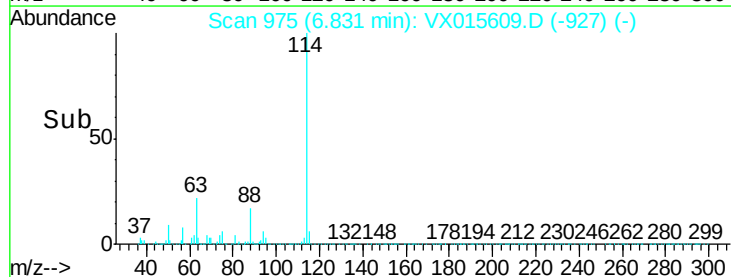
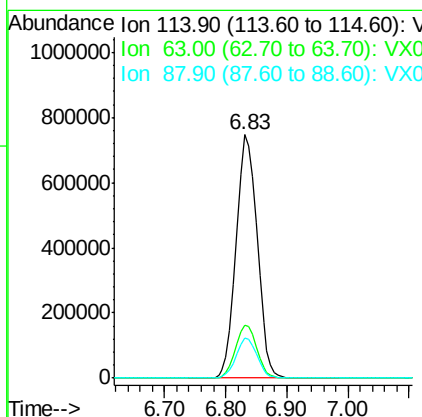
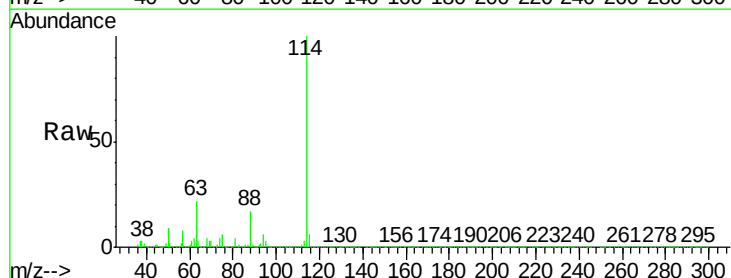
Manual Integrations
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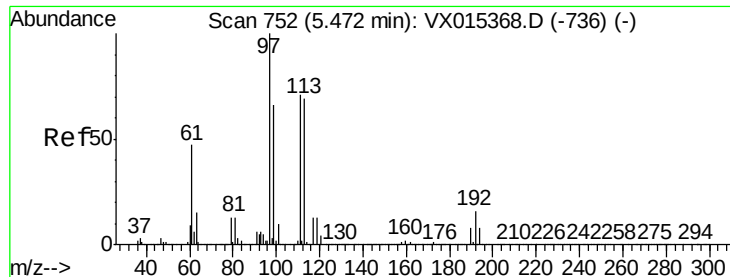
sam
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: VX015609.D
 Acq: 09 Apr 2020 20:08

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	44.2
88	16.6	0.0	33.8





#35

Dibromofluoromethane

Concen: 46.880 ug/l

RT: 5.47 min Scan# 752

Delta R.T. -0.00 min

Lab File: VX015609.D

Acq: 09 Apr 2020 20:08

Instrument :

MSVOA_X

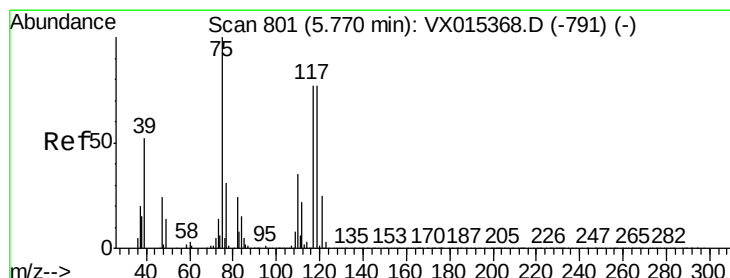
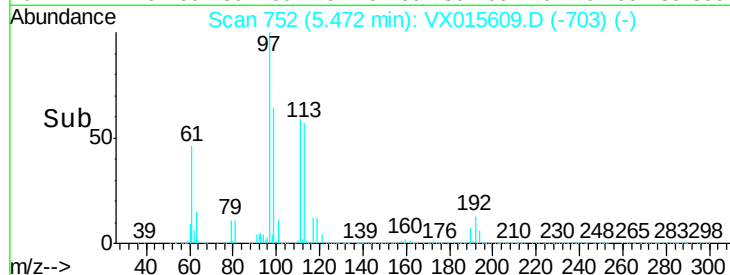
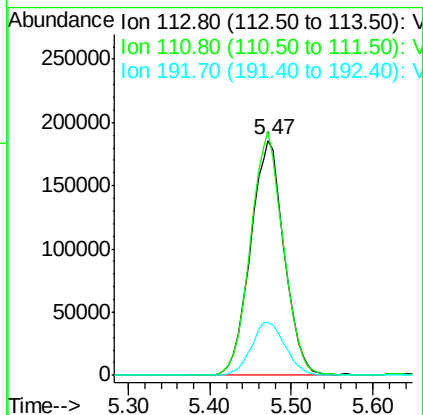
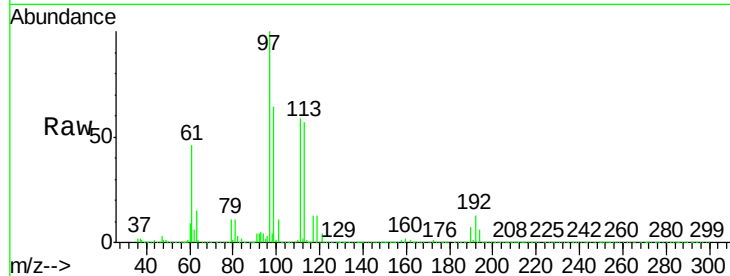
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	529760
Ion Ratio	Lower	Upper	
113	100		
111	101.6	81.5	122.3
192	23.1	17.8	26.6

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 50.271 ug/l

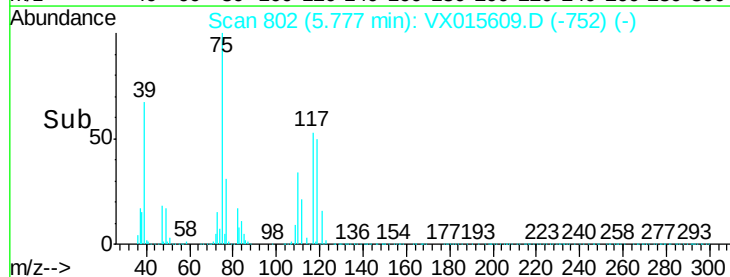
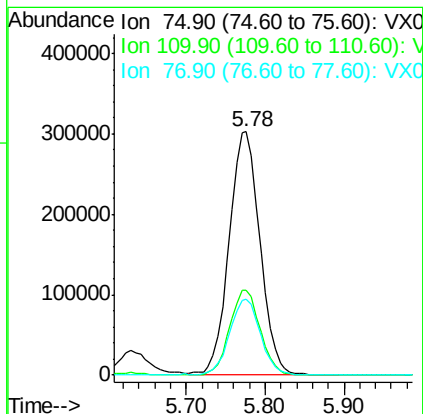
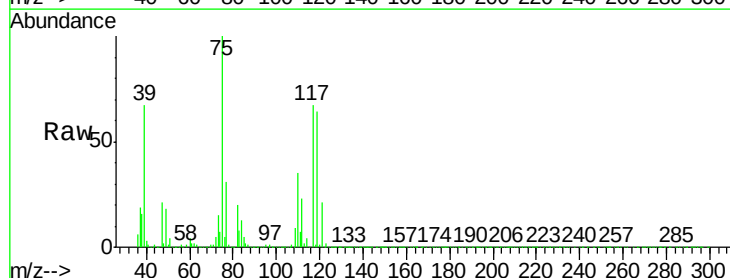
RT: 5.78 min Scan# 802

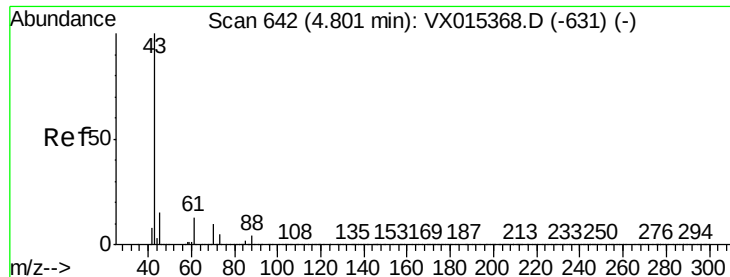
Delta R.T. 0.01 min

Lab File: VX015609.D

Acq: 09 Apr 2020 20:08

Tgt Ion:	75	Resp:	818830
Ion Ratio	Lower	Upper	
75	100		
110	34.5	17.1	51.3
77	30.8	24.6	36.8





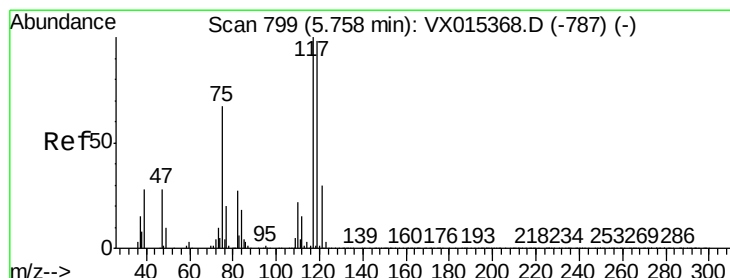
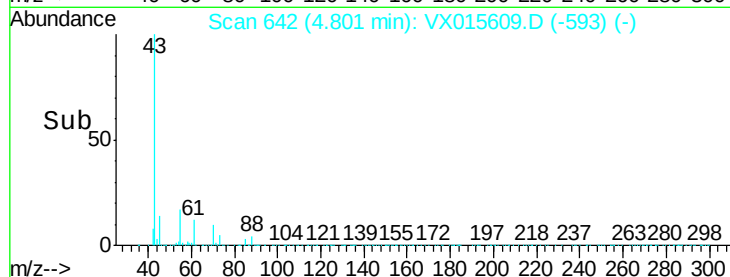
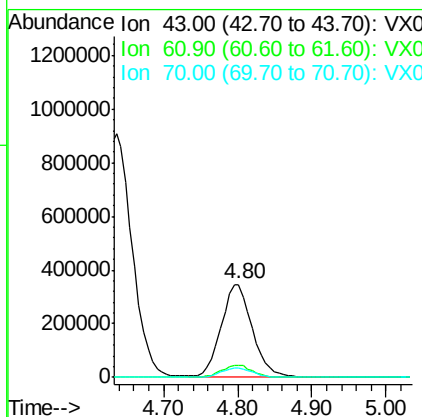
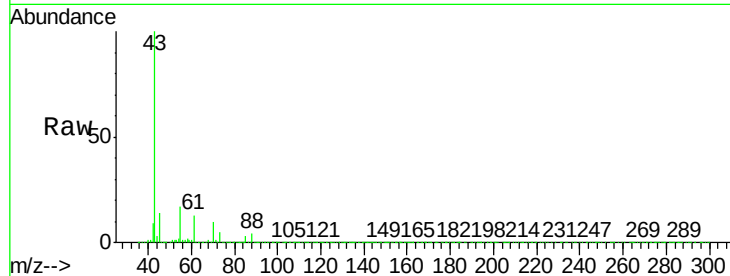
#37
Ethyl Acetate
Concen: 47.354 ug/l
RT: 4.80 min Scan# 642
Delta R.T. 0.00 min
Lab File: VX015609.D
Acq: 09 Apr 2020 20:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	43	Resp:	1004317
Ion	Ratio	Lower	Upper
43	100		
61	12.6	9.9	14.9
70	9.9	8.1	12.1

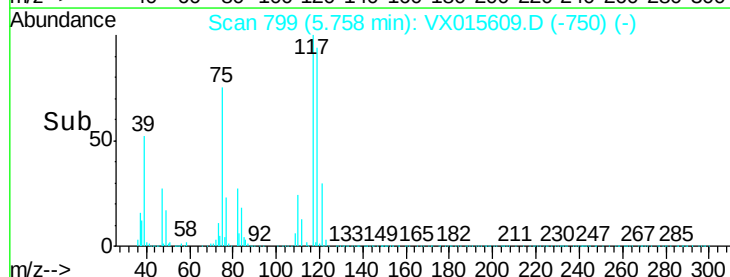
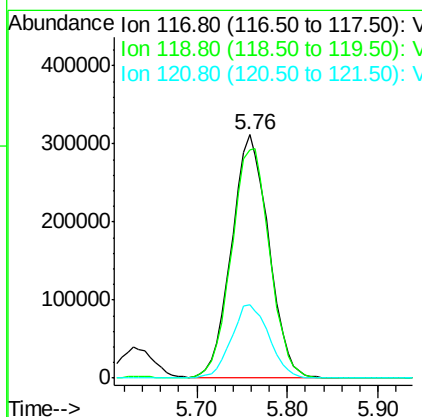
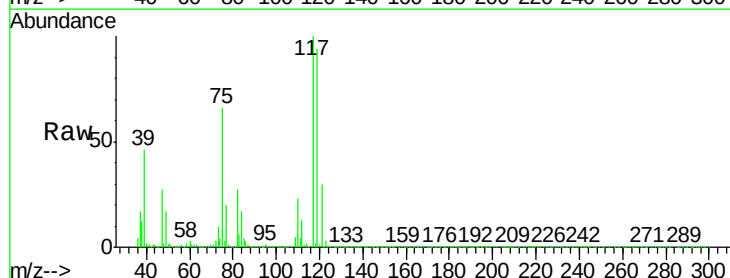
Manual Integrations
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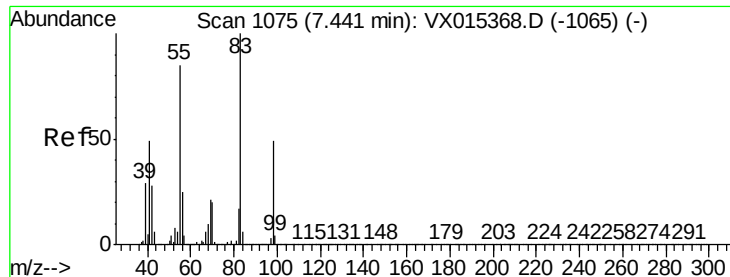
sam
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#38
Carbon Tetrachloride
Concen: 50.014 ug/l
RT: 5.76 min Scan# 799
Delta R.T. -0.00 min
Lab File: VX015609.D
Acq: 09 Apr 2020 20:08

Tgt Ion:	117	Resp:	882354
Ion	Ratio	Lower	Upper
117	100		
119	93.9	78.0	117.0
121	30.0	23.8	35.8





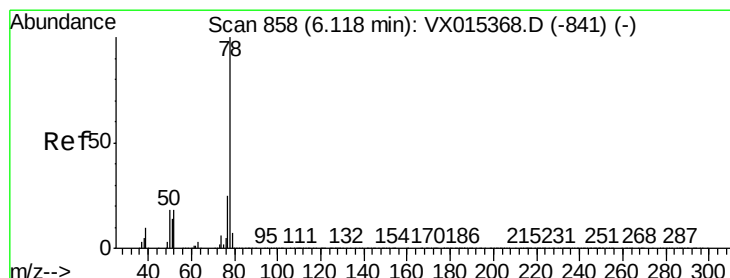
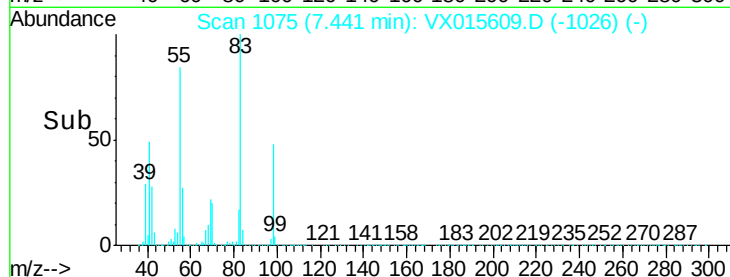
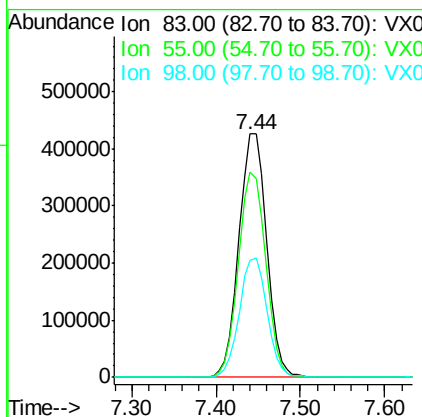
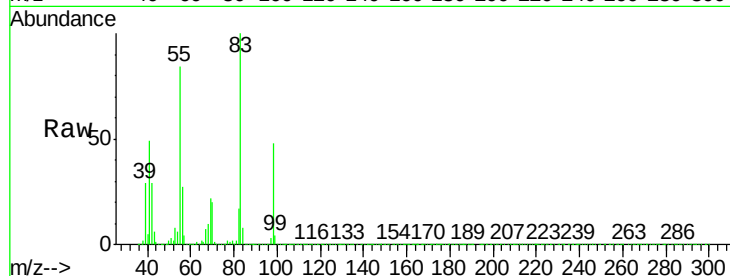
#39
Methylvlcyclohexane
Concen: 50.429 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. 0.00 min
Lab File: VX015609.D
Acq: 09 Apr 2020 20:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	947091
Ion Ratio	100	Lower	Upper
83	100		
55	84.2	67.8	101.6
98	47.7	39.3	58.9

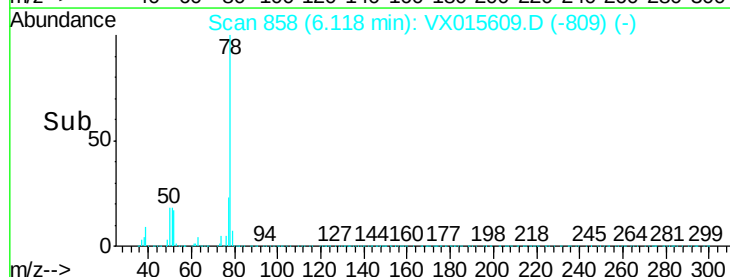
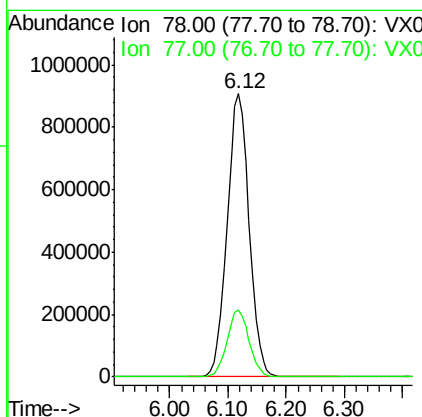
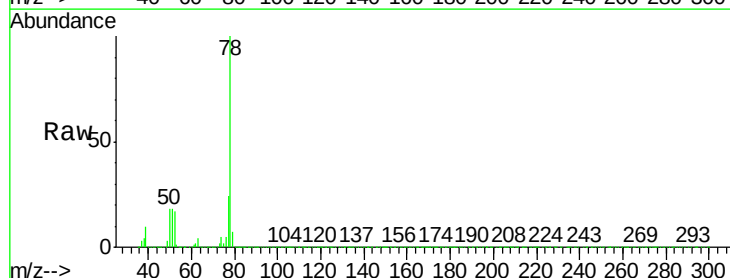
Manual Integrations
APPROVED

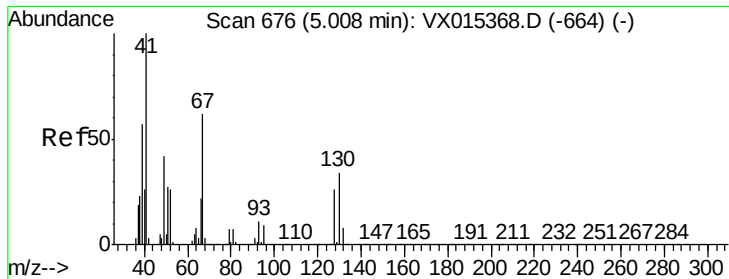
sam
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#40
Benzene
Concen: 49.808 ug/l
RT: 6.12 min Scan# 858
Delta R.T. 0.00 min
Lab File: VX015609.D
Acq: 09 Apr 2020 20:08

Tgt Ion	78	Resp	2376510
Ion Ratio	100	Lower	Upper
78	100		
77	23.6	19.8	29.8





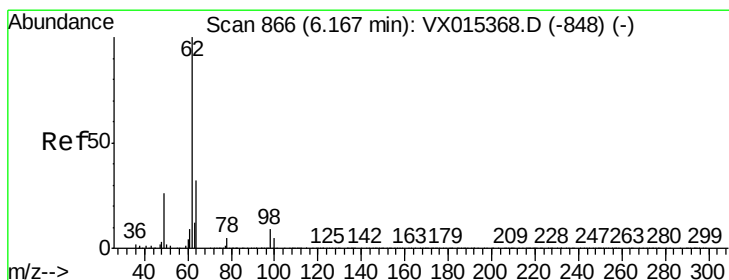
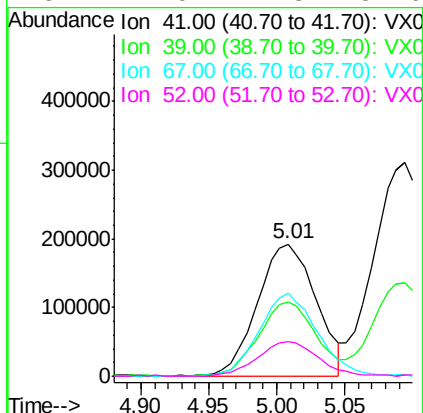
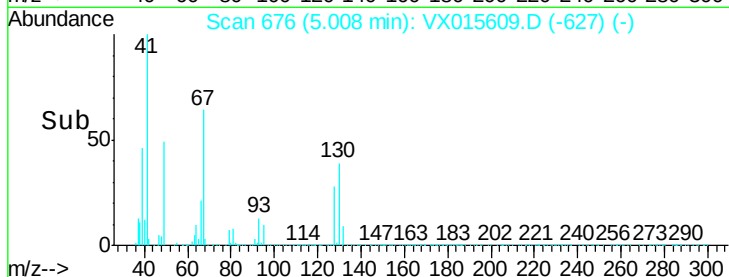
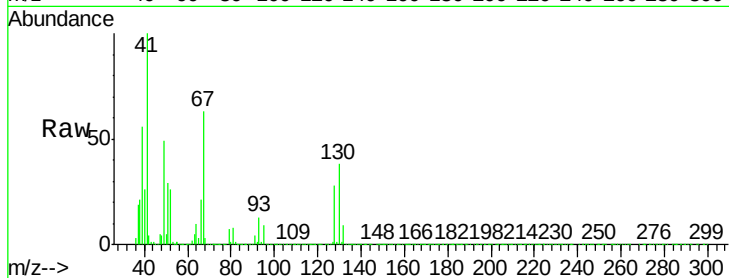
#41
Methacrylonitrile
Concen: 48.524 ug/l
RT: 5.01 min Scan# 676
Delta R.T. -0.00 min
Lab File: VX015609.D
Acq: 09 Apr 2020 20:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	57.2	44.5	66.7	
67	62.6	48.9	73.3	
52	27.0	21.8	32.6	

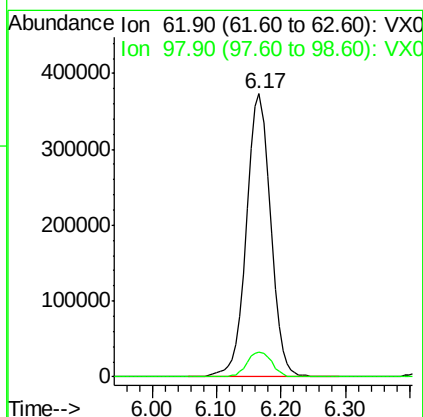
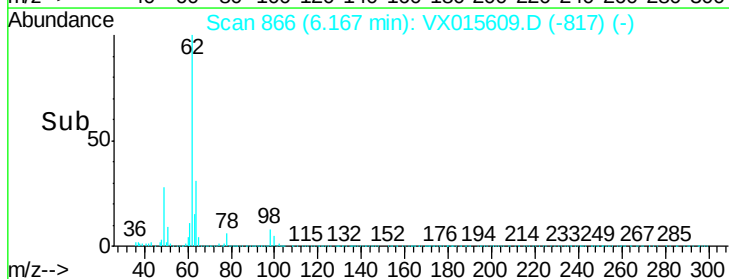
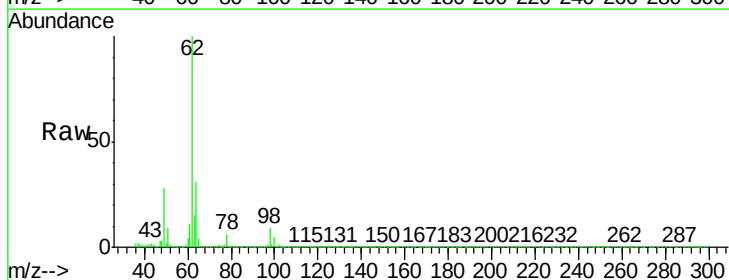
Manual Integrations
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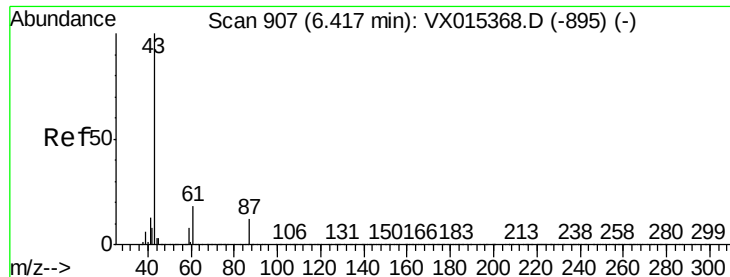
sam
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#42
1,2-Dichloroethane
Concen: 50.213 ug/l
RT: 6.17 min Scan# 866
Delta R.T. -0.00 min
Lab File: VX015609.D
Acq: 09 Apr 2020 20:08

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.0	0.0	17.6	





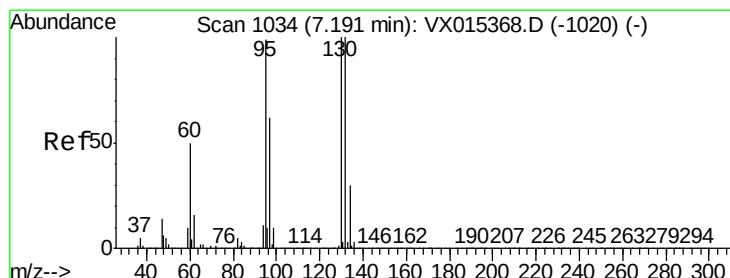
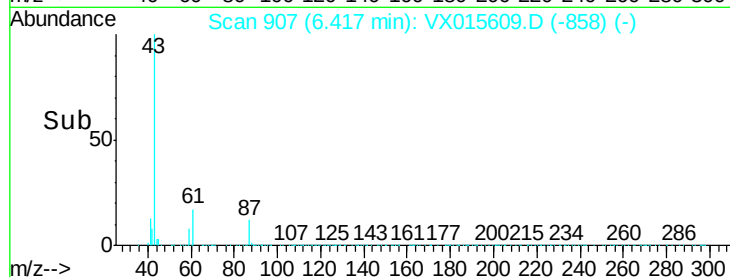
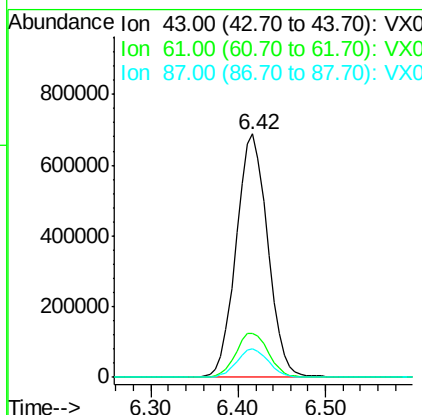
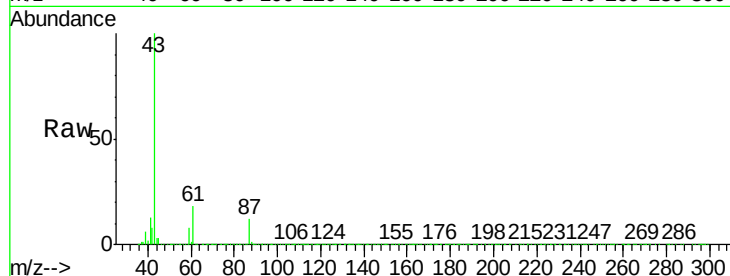
#43
Isopropyl Acetate
Concen: 48.106 ug/l
RT: 6.42 min Scan# 907
Delta R.T. -0.00 min
Lab File: VX015609.D
Acq: 09 Apr 2020 20:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.1	14.8	22.2
87	11.7	9.4	14.0

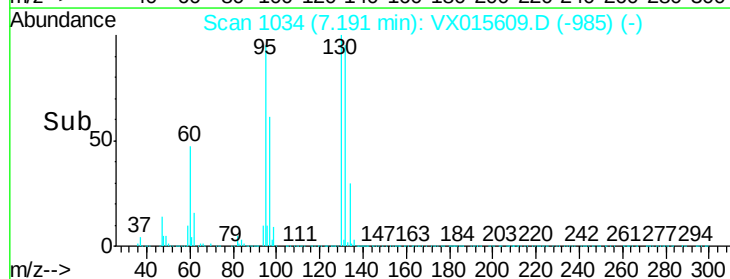
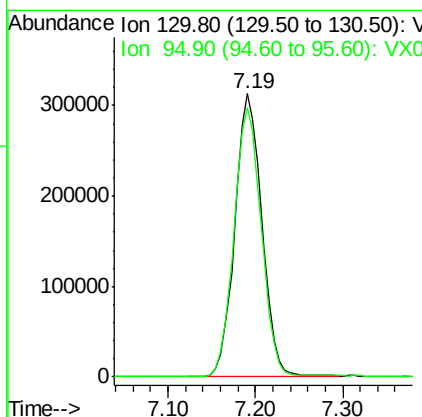
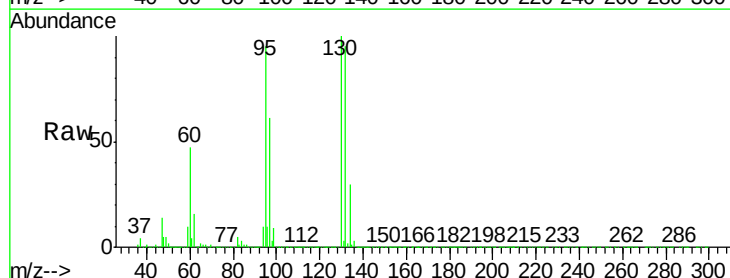
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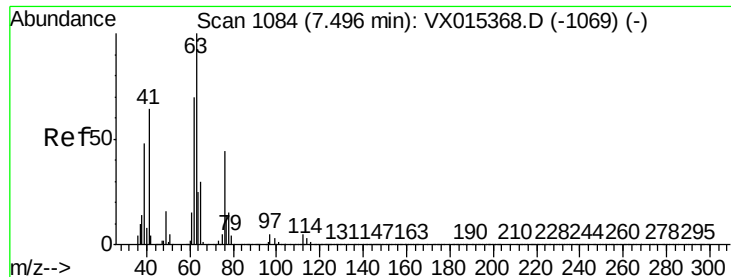
sam
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#44
Trichloroethene
Concen: 51.793 ug/l
RT: 7.19 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX015609.D
Acq: 09 Apr 2020 20:08

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.0	0.0	199.0





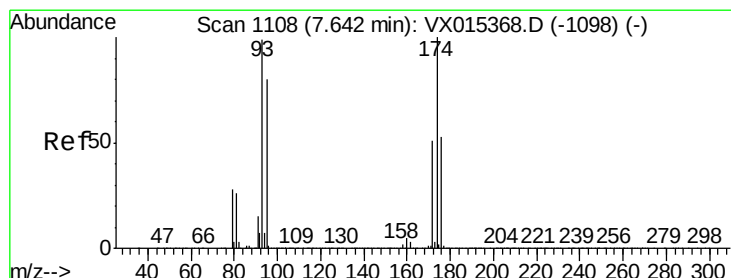
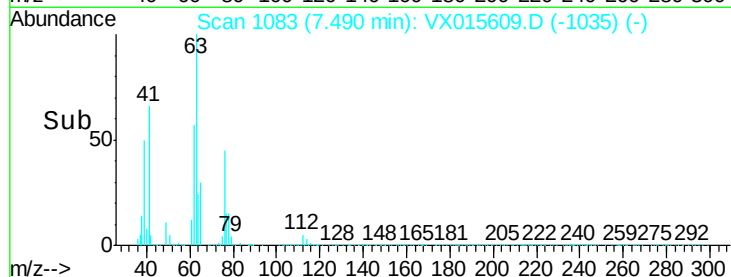
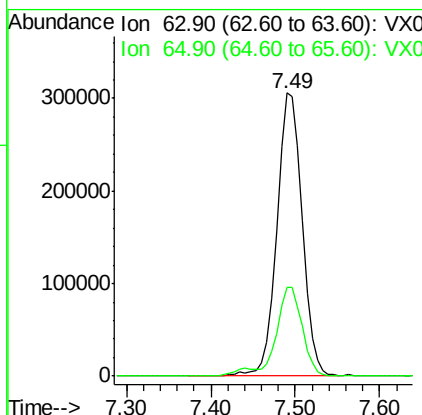
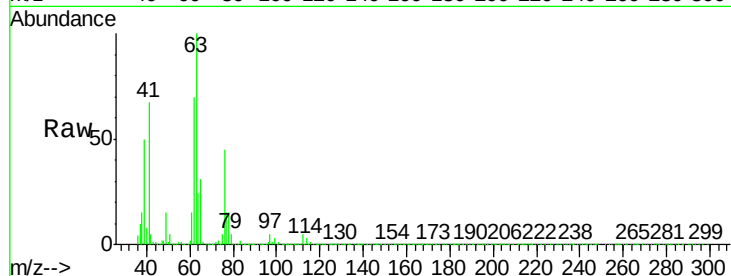
#45
 1,2-Dichloropropane
 Concen: 49.012 ug/l
 RT: 7.49 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: VX015609.D
 Acq: 09 Apr 2020 20:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.2	23.9	35.9

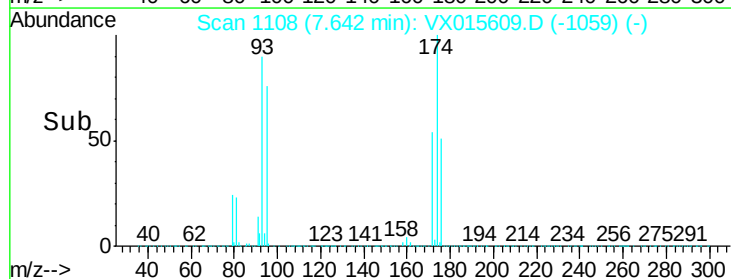
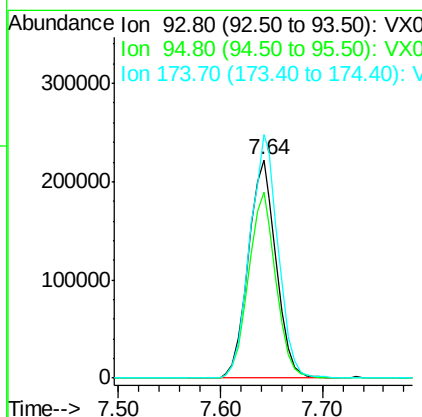
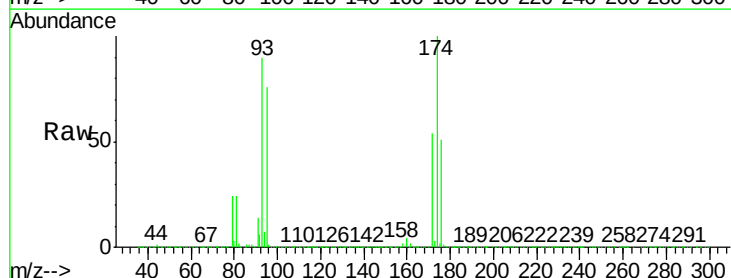
Manual Integrations
 APPROVED

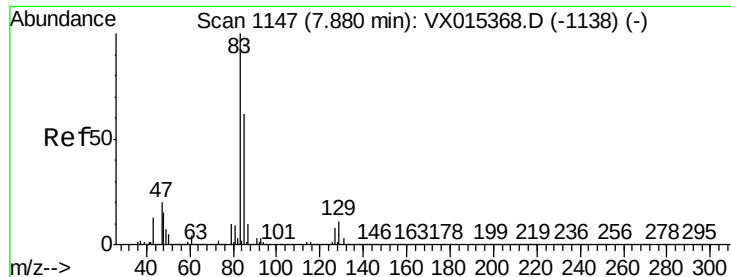
sam
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#46
 Dibromomethane
 Concen: 49.439 ug/l
 RT: 7.64 min Scan# 1108
 Delta R.T. 0.00 min
 Lab File: VX015609.D
 Acq: 09 Apr 2020 20:08

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.2	65.8	98.8
174	112.6	86.2	129.2





#47

Bromodichloromethane

Concen: 49.279 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. 0.00 min

Lab File: VX015609.D

Acq: 09 Apr 2020 20:08

Instrument :

MSVOA_X

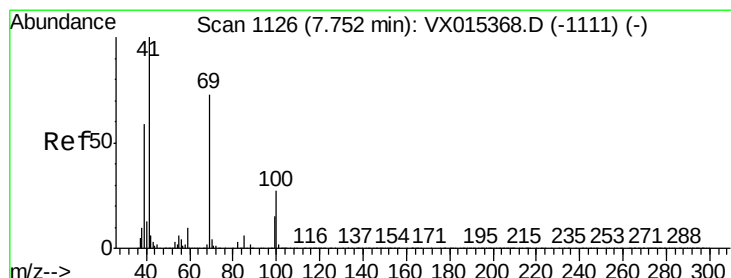
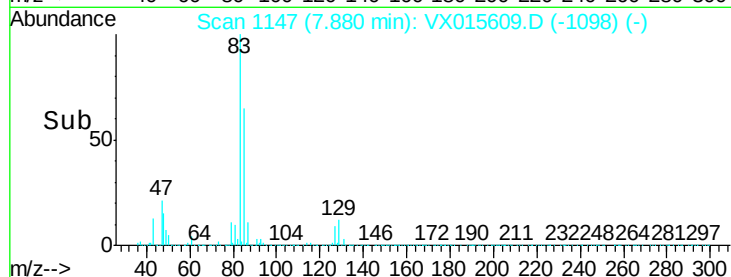
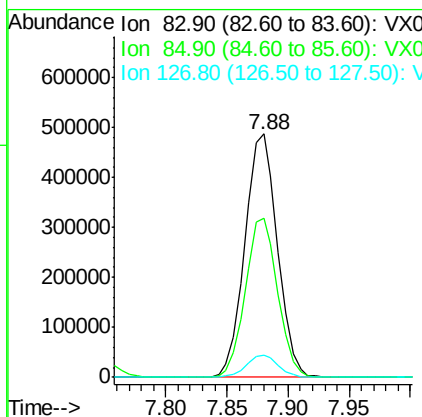
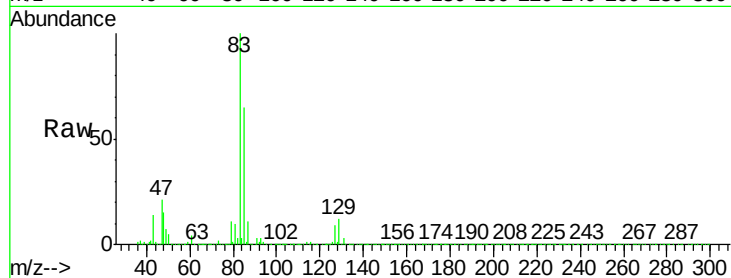
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	899052
Ion Ratio	Lower	Upper	
83	100		
85	65.1	49.7	74.5
127	9.0	6.7	10.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 48.315 ug/l

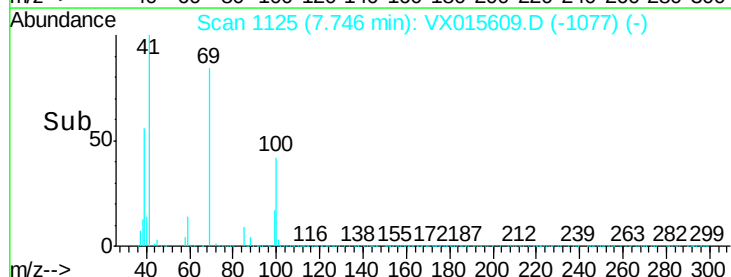
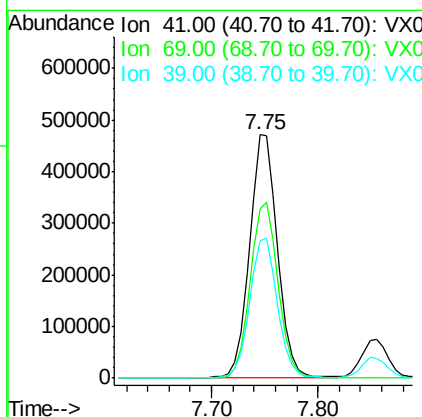
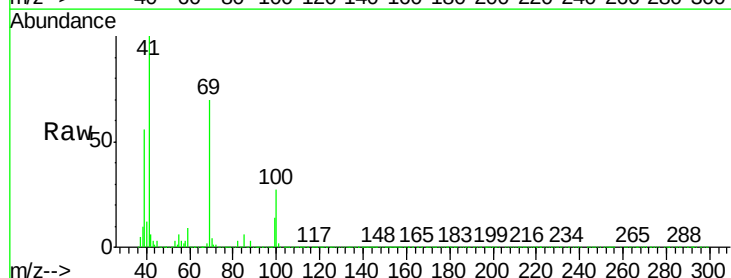
RT: 7.75 min Scan# 1125

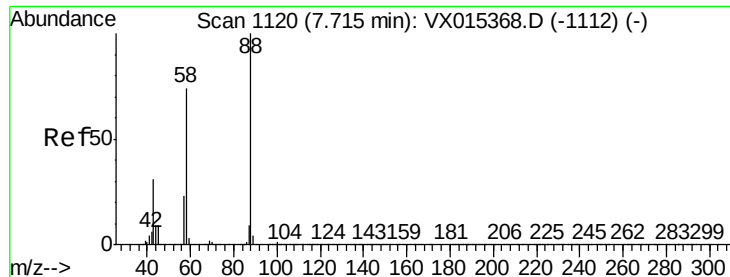
Delta R.T. -0.01 min

Lab File: VX015609.D

Acq: 09 Apr 2020 20:08

Tgt Ion:	41	Resp:	864007
Ion Ratio	Lower	Upper	
41	100		
69	72.1	56.7	85.1
39	57.1	46.5	69.7





#49

1,4-Dioxane

Concen: 817.523 ug/l

RT: 7.72 min Scan# 1120

Delta R.T. -0.00 min

Lab File: VX015609.D

Acq: 09 Apr 2020 20:08

Instrument :

MSVOA_X

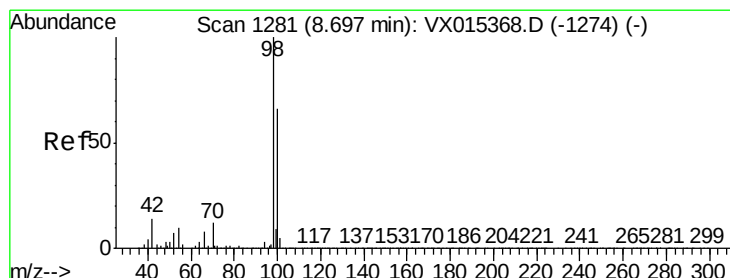
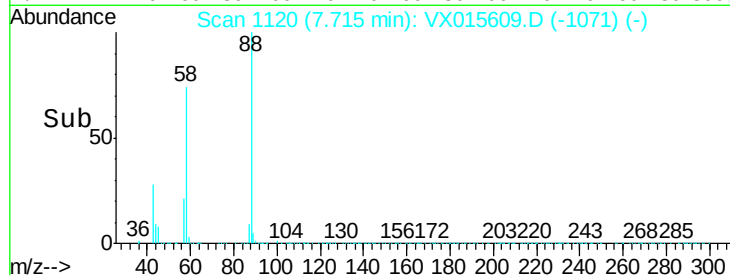
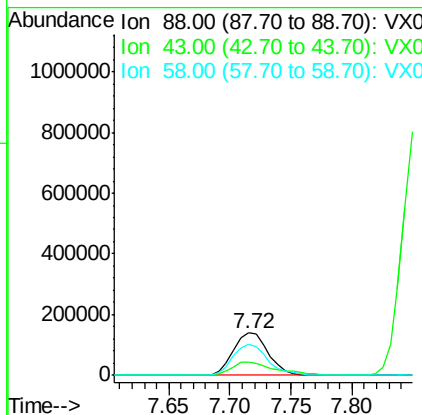
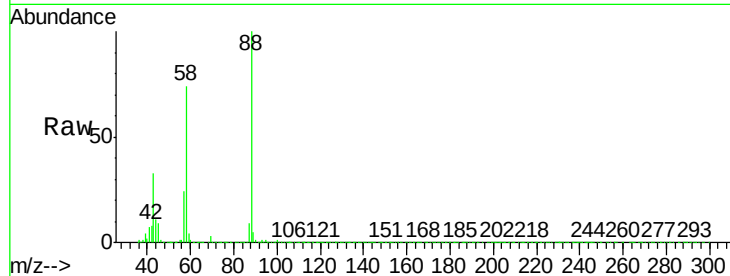
ClientSampleId :

VSTDCCC050EC

Tot Ion:	88	Resp:	272730
Ion	Ratio	Lower	Upper
88	100		
43	38.8	30.1	45.1
58	74.6	60.6	90.8

Manual Integrations
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#50

Toluene-d8

Concen: 48.243 ug/l

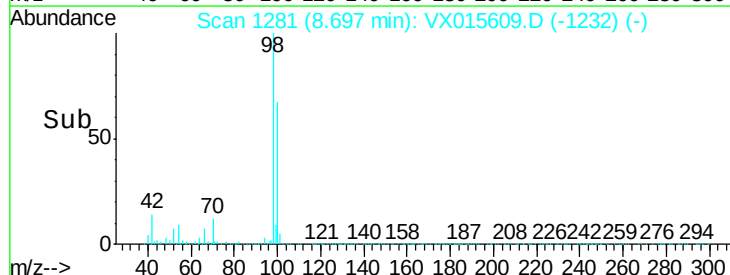
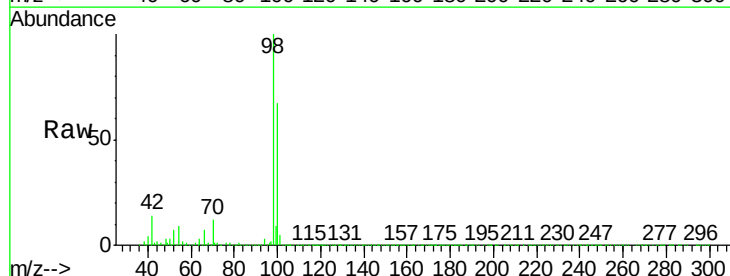
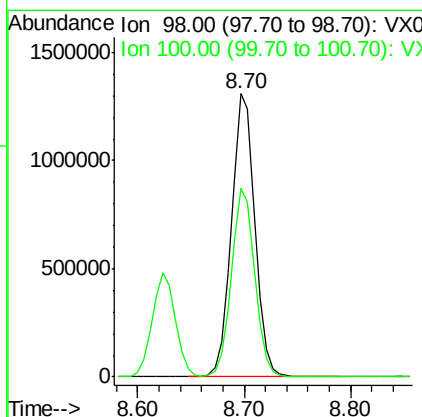
RT: 8.70 min Scan# 1281

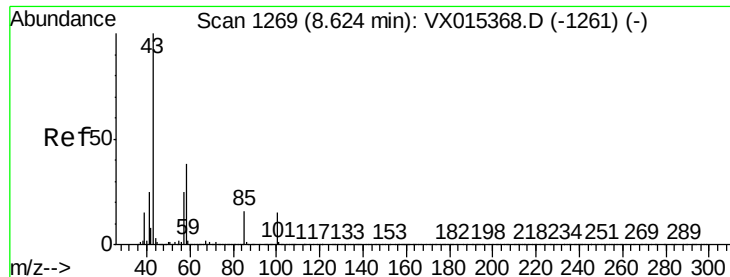
Delta R.T. -0.00 min

Lab File: VX015609.D

Acq: 09 Apr 2020 20:08

Tgt Ion:	98	Resp:	2007146
Ion	Ratio	Lower	Upper
98	100		
100	66.8	53.5	80.3





#51

4-Methyl-2-Pentanone

Concen: 245.363 ug/l

RT: 8.62 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VX015609.D

Acq: 09 Apr 2020 20:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 4978404

Ion Ratio Lower Upper

43 100

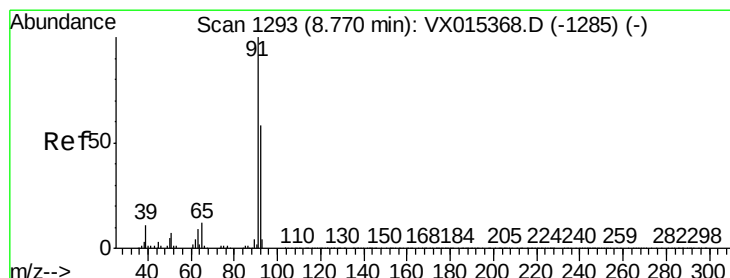
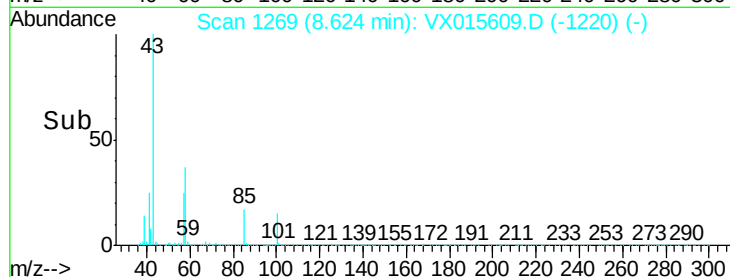
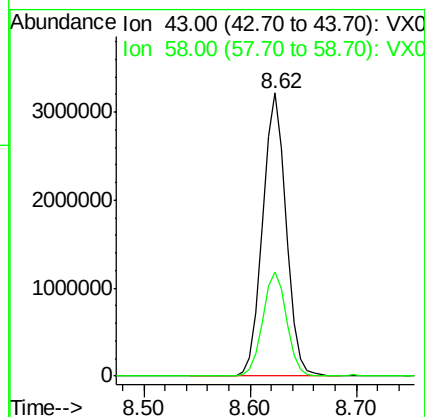
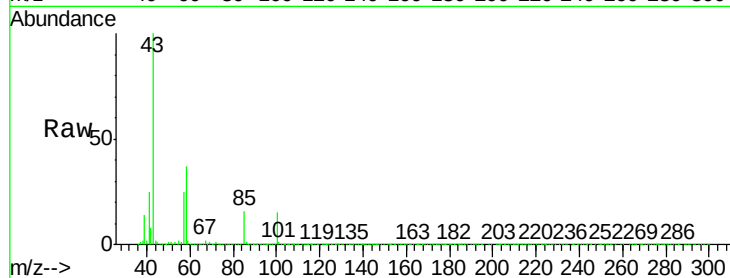
58 37.2 29.7 44.5

Manual Integrations

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#52

Toluene

Concen: 51.043 ug/l

RT: 8.77 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX015609.D

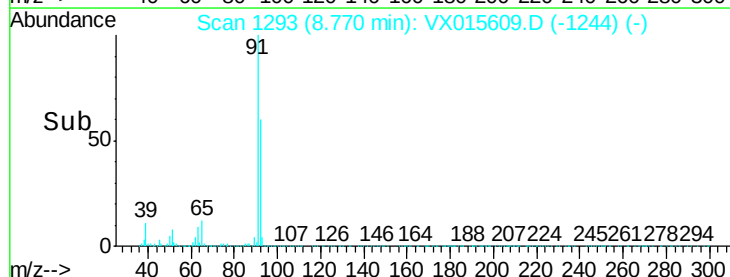
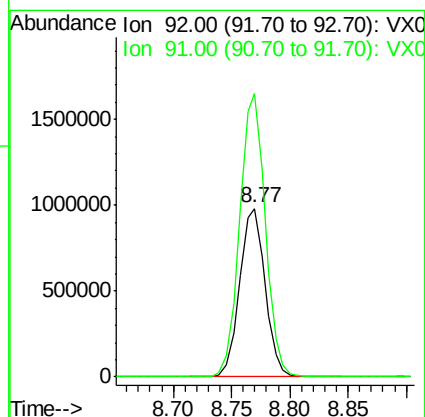
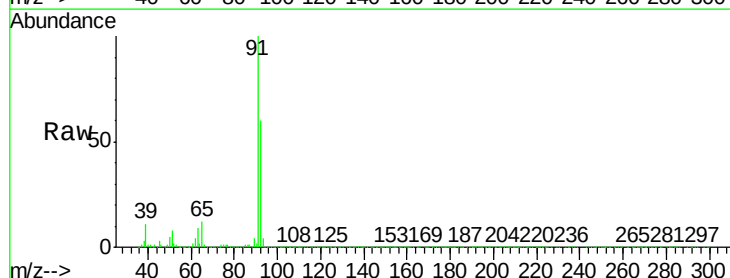
Acq: 09 Apr 2020 20:08

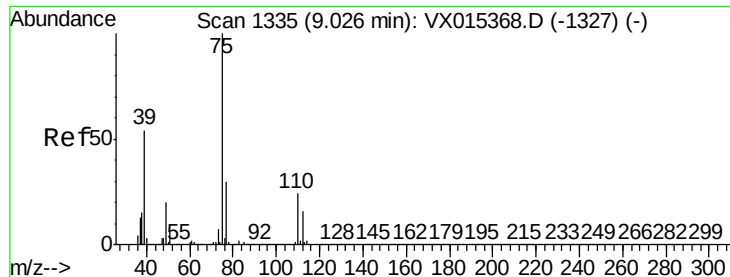
Tgt Ion: 92 Resp: 1501502

Ion Ratio Lower Upper

92 100

91 168.2 136.6 205.0





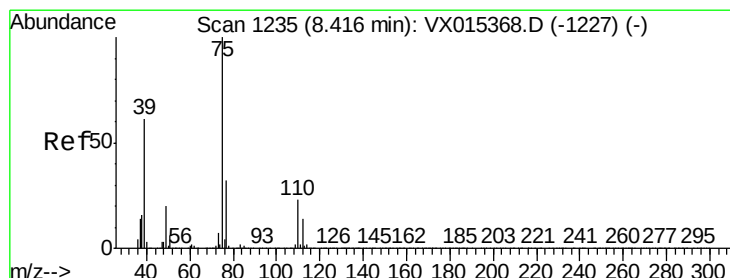
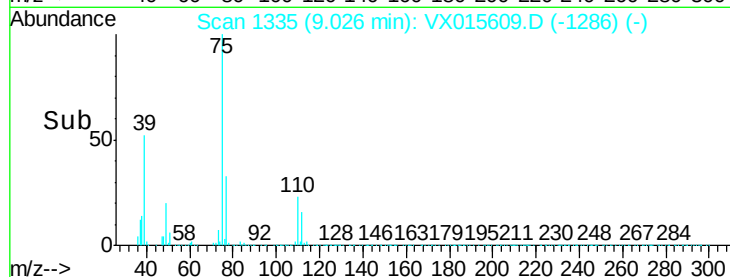
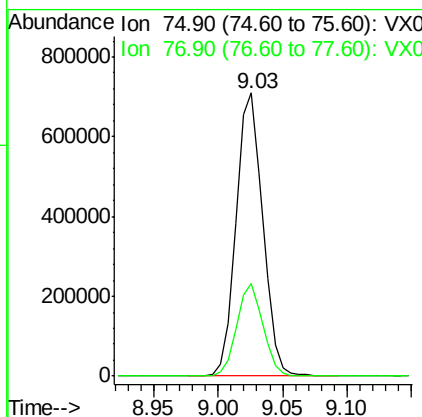
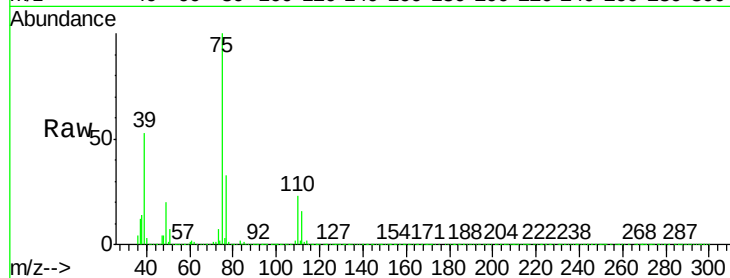
#53
t-1,3-Dichloropropene
Concen: 47.681 ug/l
RT: 9.03 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX015609.D
Acq: 09 Apr 2020 20:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 1020237
Ion Ratio Lower Upper
75 100
77 32.8 24.1 36.1

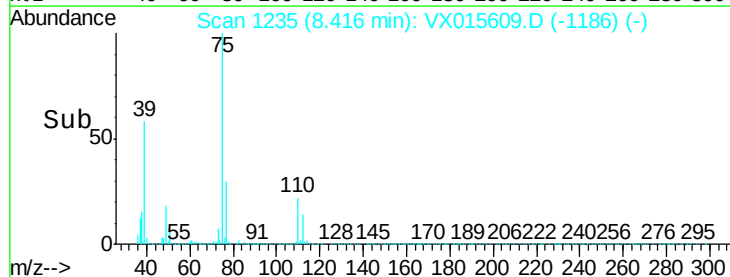
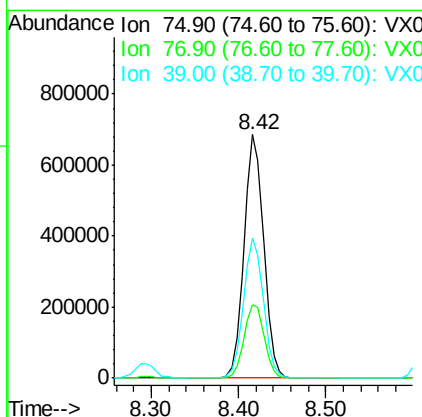
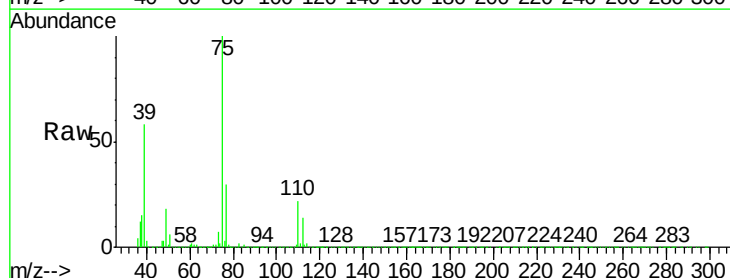
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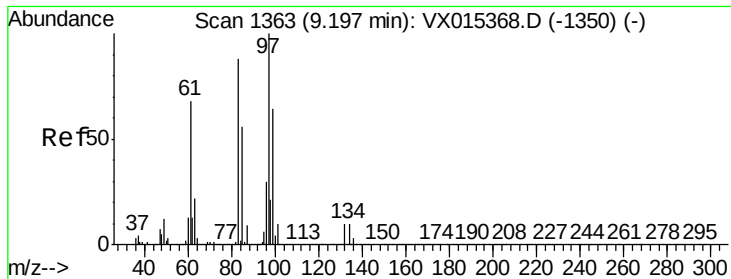
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#54
cis-1,3-Dichloropropene
Concen: 48.949 ug/l
RT: 8.42 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VX015609.D
Acq: 09 Apr 2020 20:08

Tgt Ion: 75 Resp: 1066915
Ion Ratio Lower Upper
75 100
77 30.3 25.8 38.6
39 57.6 49.0 73.4





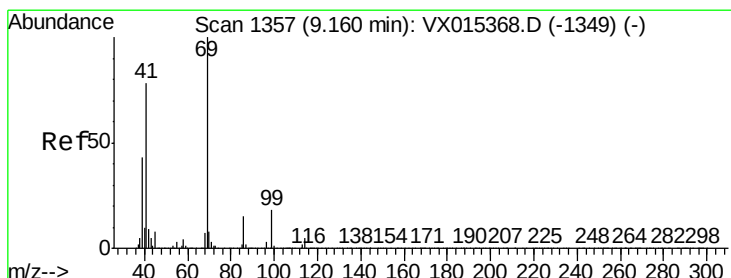
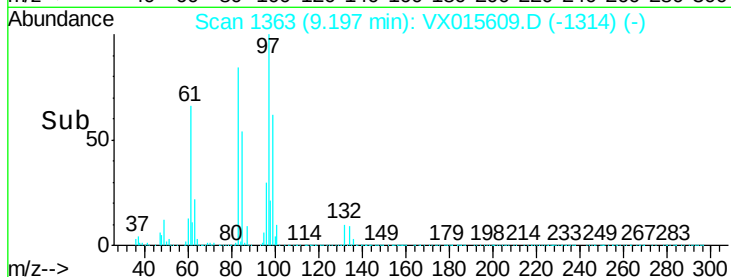
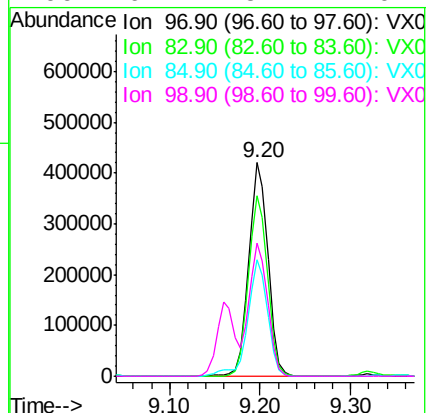
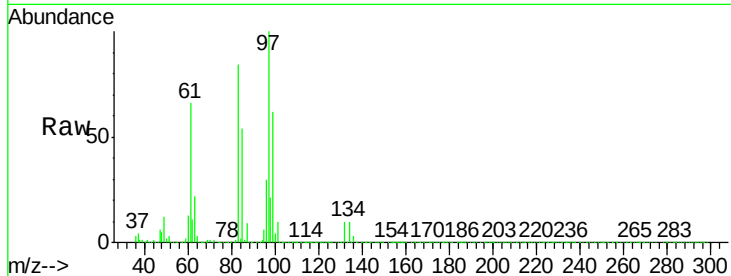
#55
 1,1,2-Trichloroethane
 Concen: 51.056 ug/l
 RT: 9.20 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VX015609.D
 Acq: 09 Apr 2020 20:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	615328
Ion	Ratio	Lower	Upper
97	100		
83	84.3	70.2	105.4
85	54.3	44.7	67.1
99	62.4	51.1	76.7

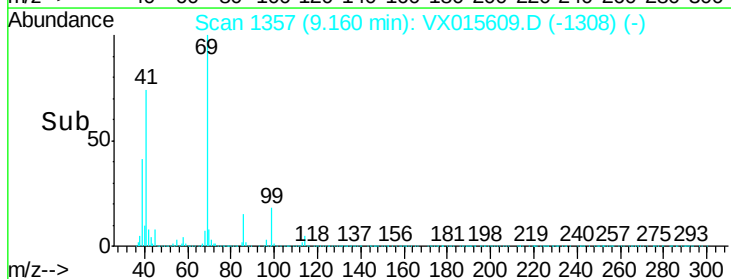
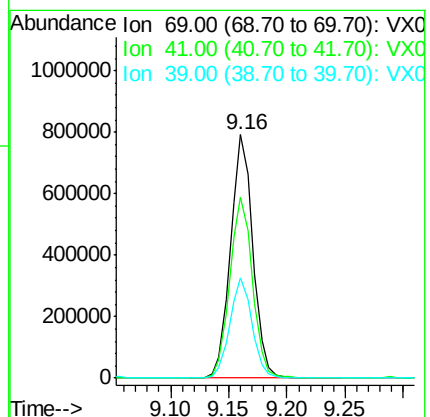
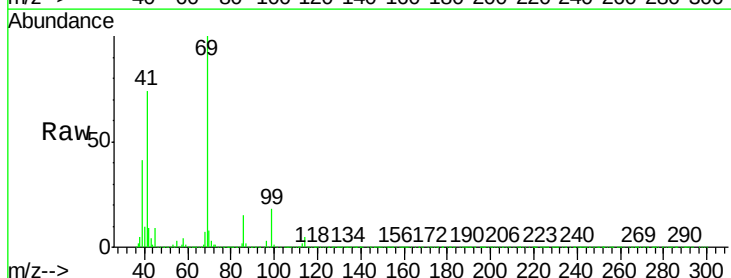
Manual Integrations
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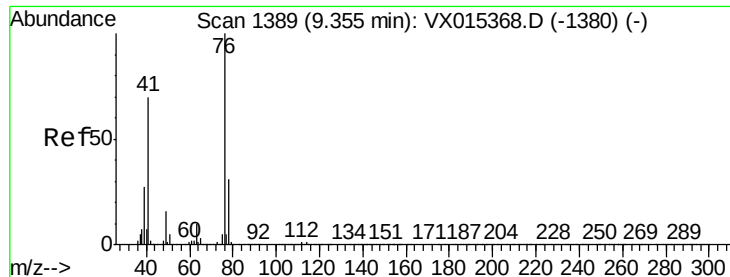
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#56
 Ethyl methacrylate
 Concen: 49.557 ug/l
 RT: 9.16 min Scan# 1357
 Delta R.T. 0.00 min
 Lab File: VX015609.D
 Acq: 09 Apr 2020 20:08

Tgt Ion:	69	Resp:	1052605
Ion	Ratio	Lower	Upper
69	100		
41	75.5	61.6	92.4
39	41.1	34.0	51.0





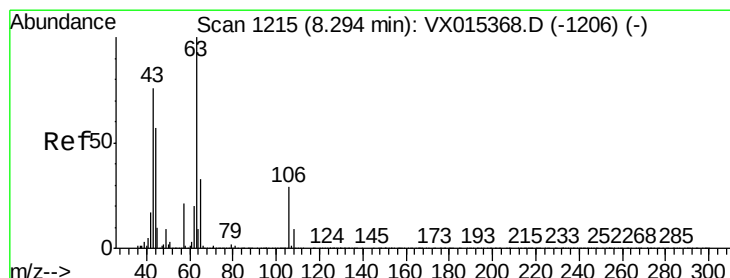
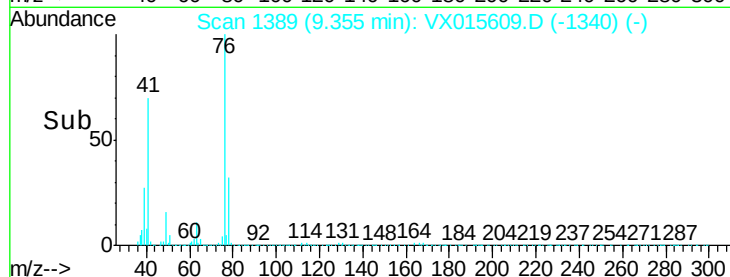
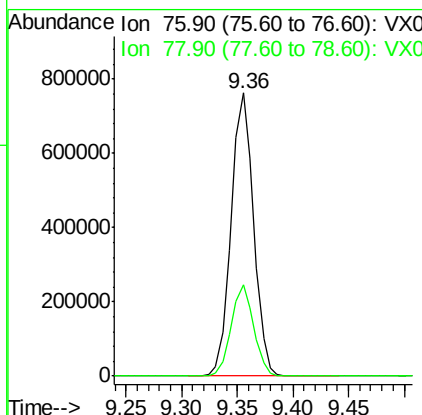
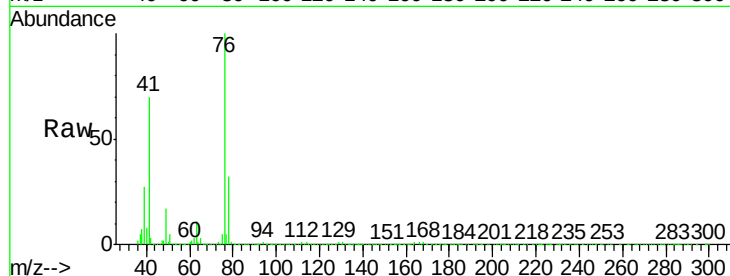
#57
 1,3-Dichloropropane
 Concen: 49.163 ug/l
 RT: 9.36 min Scan# 1389
 Delta R.T. -0.00 min
 Lab File: VX015609.D
 Acq: 09 Apr 2020 20:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 1067522
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.8 38.8

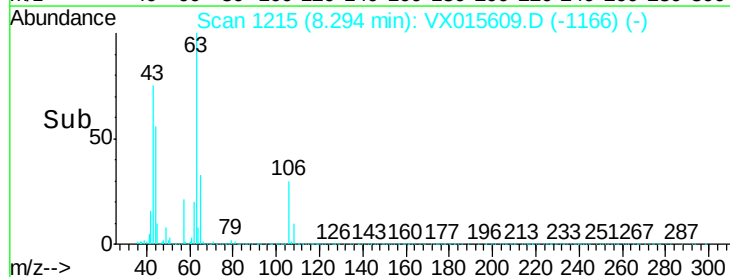
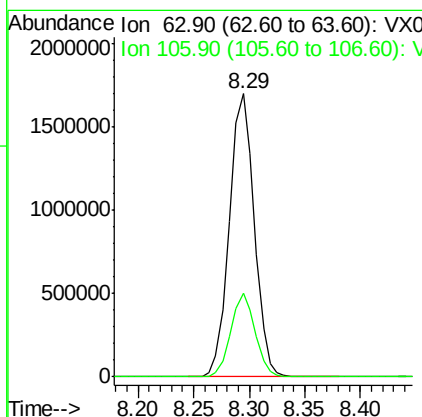
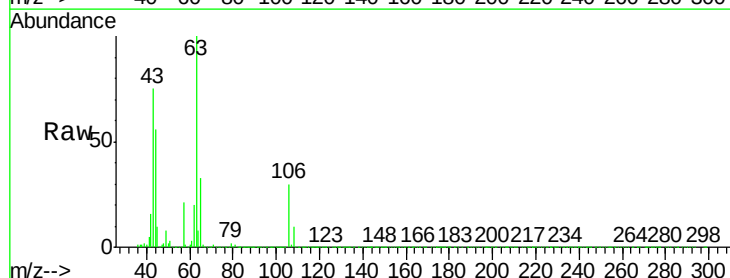
Manual Integrations
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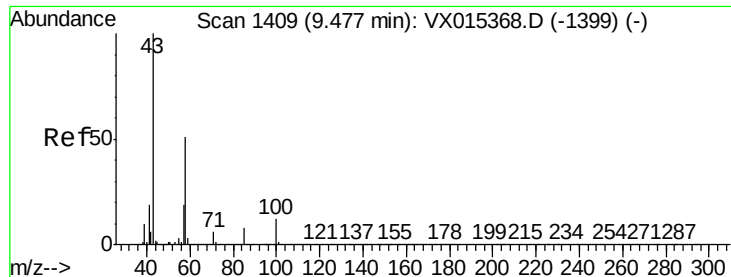
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#58
 2-Chloroethyl Vinyl ether
 Concen: 253.940 ug/l
 RT: 8.29 min Scan# 1215
 Delta R.T. -0.00 min
 Lab File: VX015609.D
 Acq: 09 Apr 2020 20:08

Tgt Ion: 63 Resp: 2623540
 Ion Ratio Lower Upper
 63 100
 106 28.8 22.7 34.1





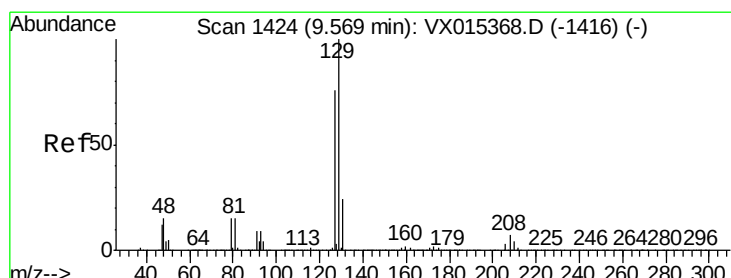
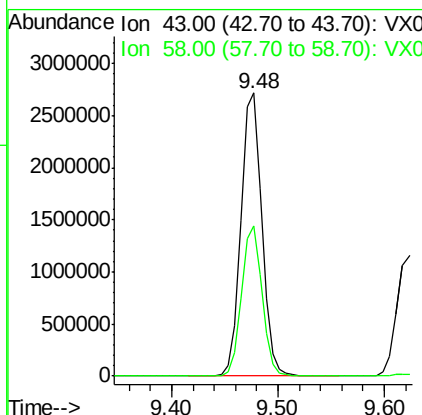
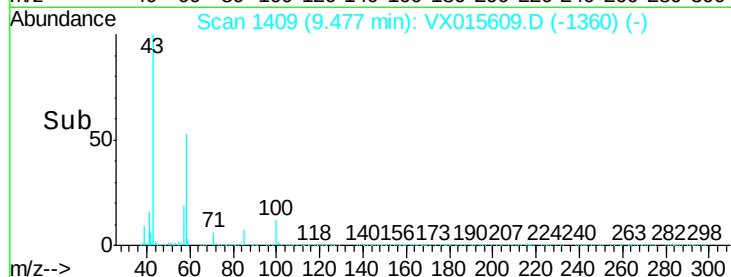
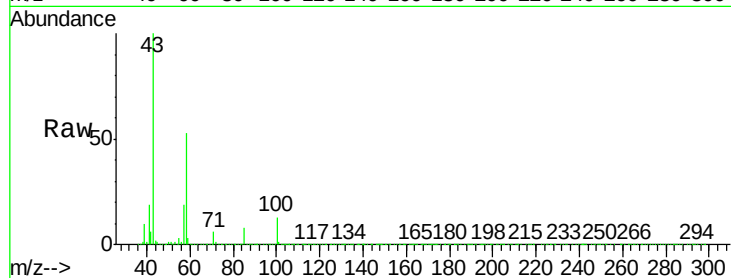
#59
2-Hexanone
Concen: 245.137 ug/l
RT: 9.48 min Scan# 1409
Delta R.T. 0.00 min
Lab File: VX015609.D
Acq: 09 Apr 2020 20:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 3755133
Ion Ratio Lower Upper
43 100
58 52.1 25.6 76.6

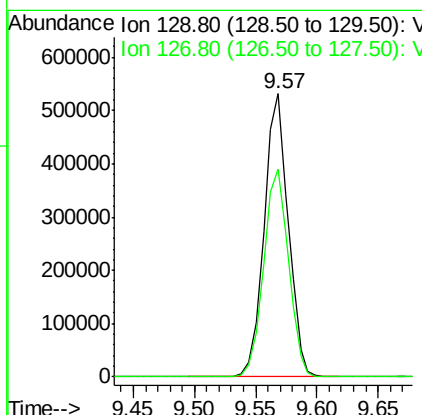
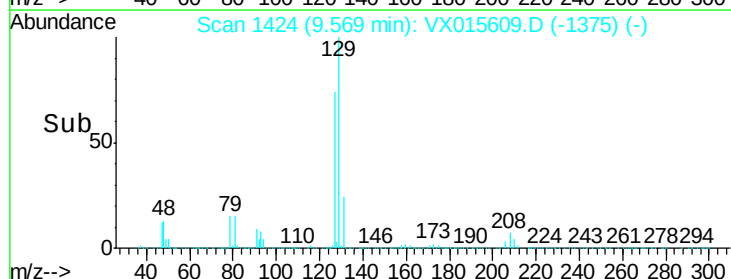
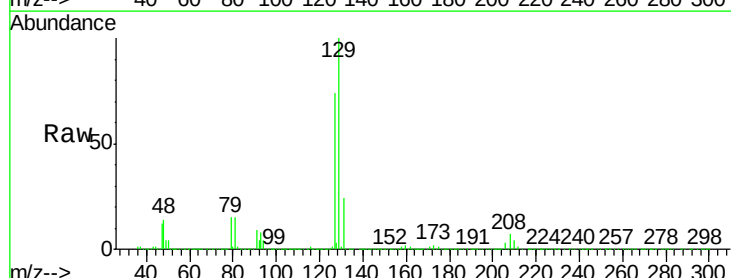
Manual Integrations
APPROVED

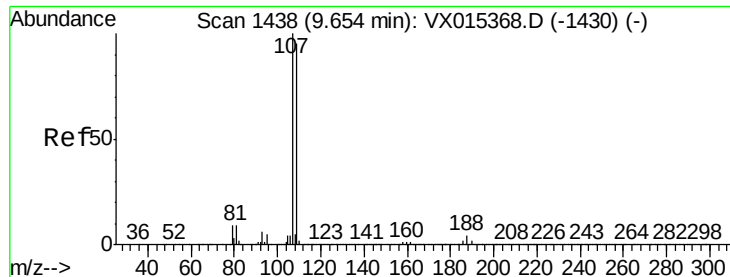
sam
4/10/2020 2:12:57 PM



#60
Dibromochloromethane
Concen: 50.405 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. 0.00 min
Lab File: VX015609.D
Acq: 09 Apr 2020 20:08

Tgt Ion: 129 Resp: 729966
Ion Ratio Lower Upper
129 100
127 75.8 38.2 114.6





#61

1,2-Dibromoethane

Concen: 50.378 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. 0.00 min

Lab File: VX015609.D

Acq: 09 Apr 2020 20:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 660193

Ion Ratio Lower Upper

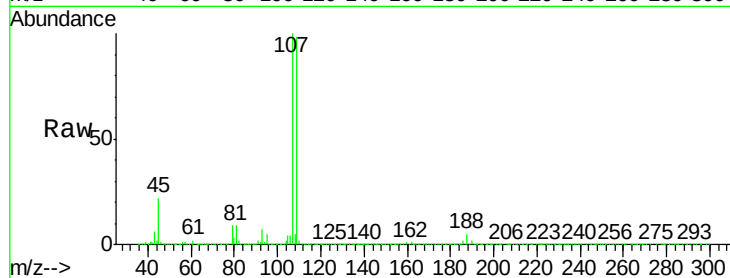
107 100

109 94.1 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

500000

400000

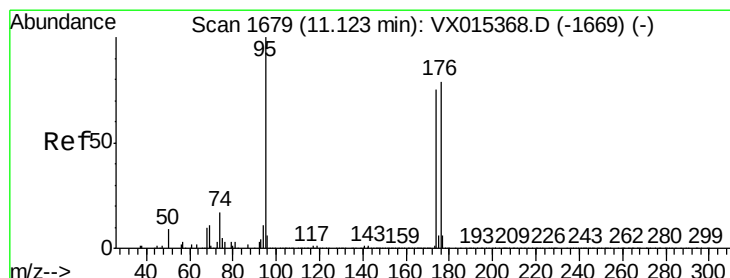
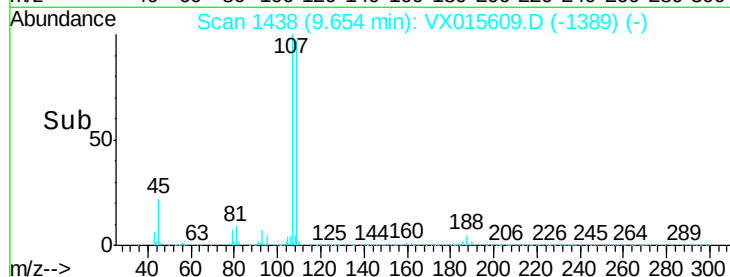
300000

200000

100000

0

Time--> 9.55 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 48.302 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015609.D

Acq: 09 Apr 2020 20:08

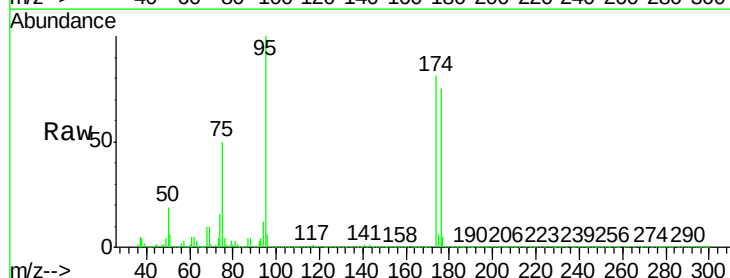
Tgt Ion: 95 Resp: 816710

Ion Ratio Lower Upper

95 100

174 84.5 0.0 158.6

176 82.7 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

11.12

800000

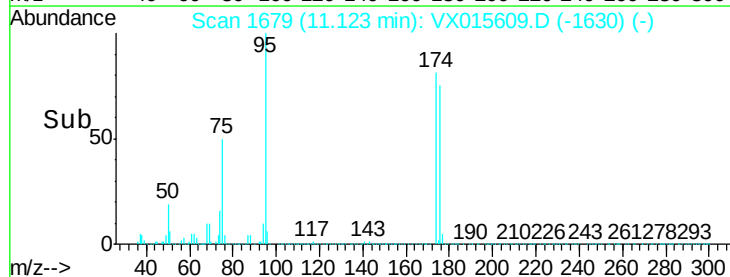
600000

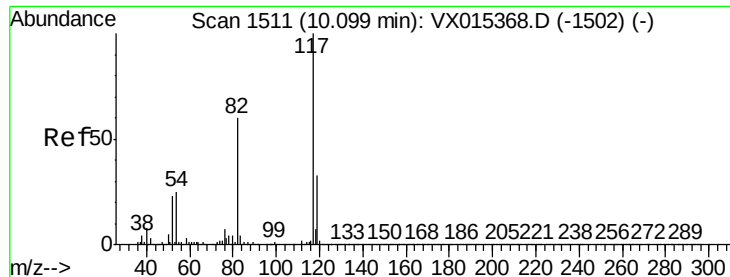
400000

200000

0

Time--> 11.10 11.20





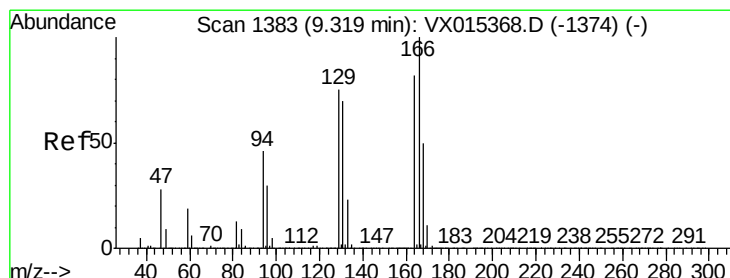
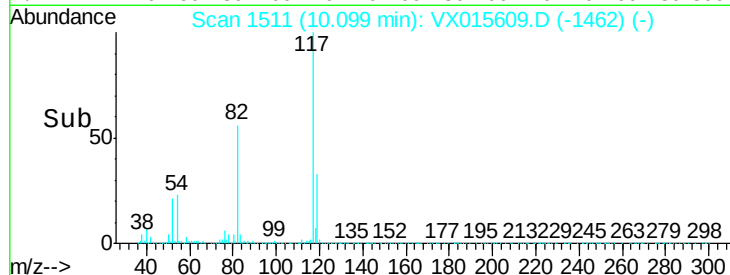
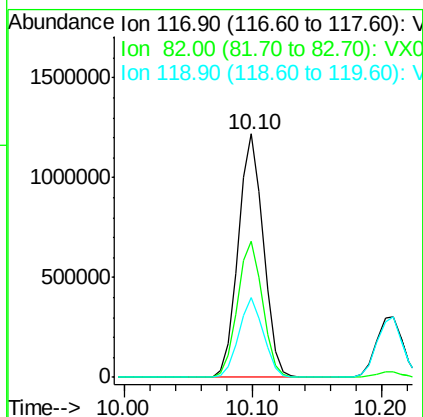
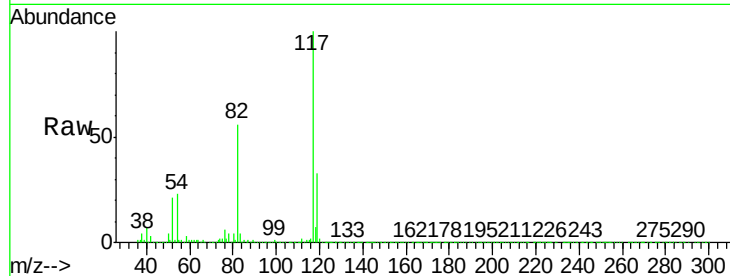
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015609.D
Acq: 09 Apr 2020 20:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.8	47.8	71.8
119	33.0	26.8	40.2

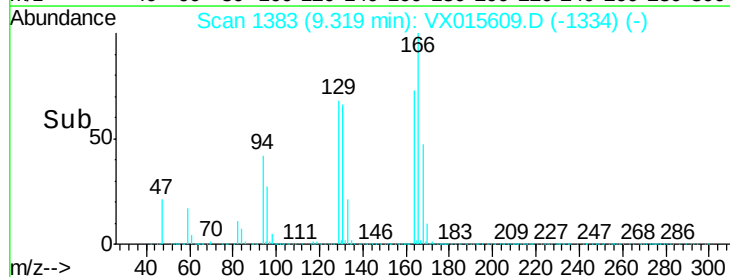
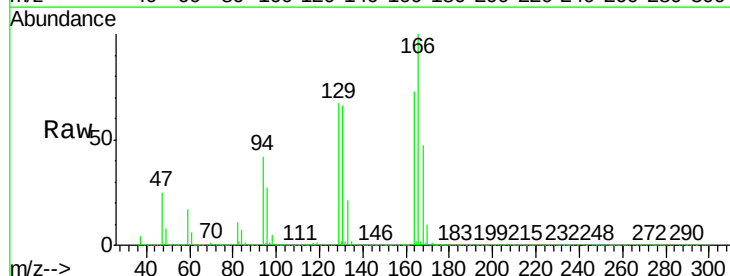
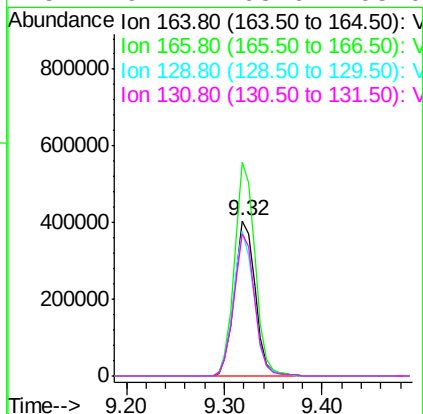
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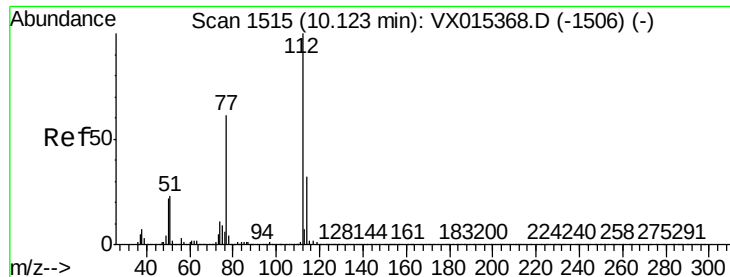
sam
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#64
Tetrachloroethene
Concen: 48.390 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX015609.D
Acq: 09 Apr 2020 20:08

Tgt Ion	Ratio	Lower	Upper
164	100		
166	137.4	97.8	146.6
129	92.6	73.0	109.4
131	91.1	68.6	103.0





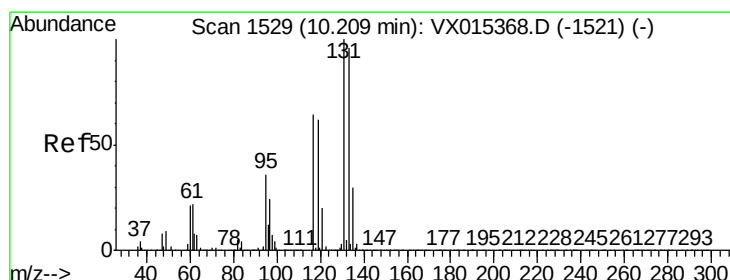
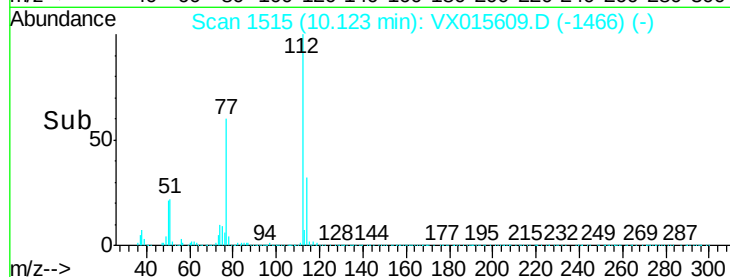
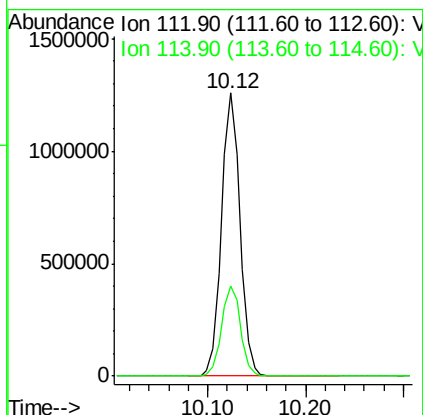
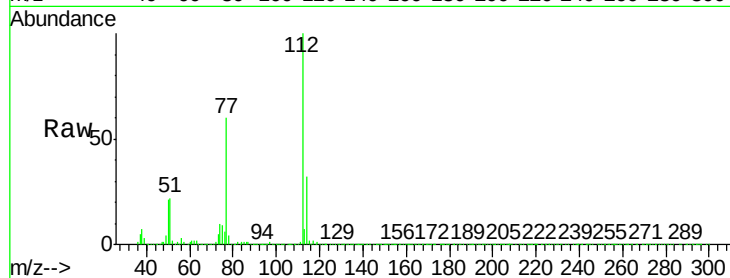
#65
Chlorobenzene
Concen: 50.358 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VX015609.D
Acq: 09 Apr 2020 20:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 1653525
Ion Ratio Lower Upper
112 100
114 31.9 25.5 38.3

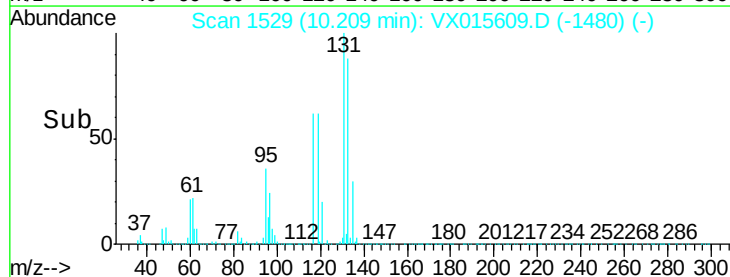
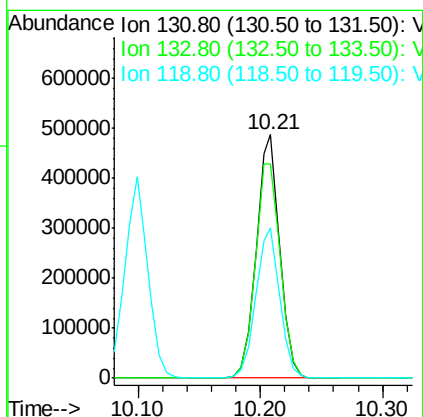
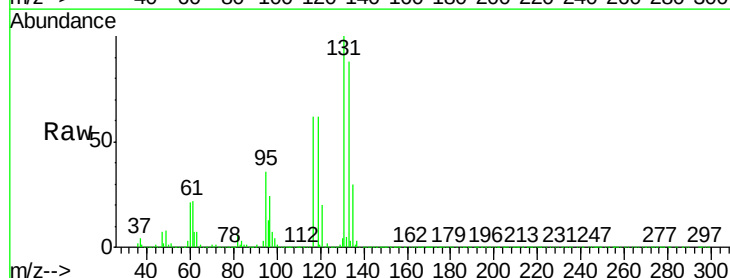
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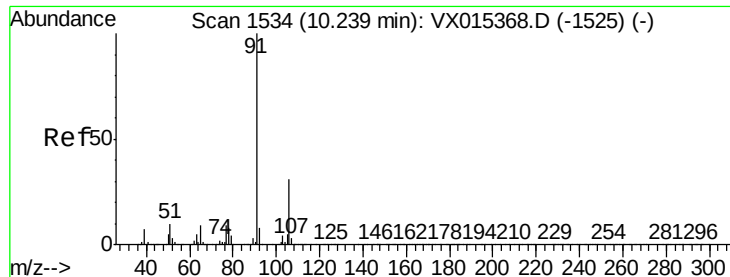
sam
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.516 ug/l
RT: 10.21 min Scan# 1529
Delta R.T. 0.00 min
Lab File: VX015609.D
Acq: 09 Apr 2020 20:08

Tgt Ion:131 Resp: 649559
Ion Ratio Lower Upper
131 100
133 94.5 47.6 142.9
119 63.2 31.1 93.3





#67

Ethyl Benzene

Concen: 50.956 ug/l

RT: 10.24 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VX015609.D

Acq: 09 Apr 2020 20:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 2967538

Ion Ratio Lower Upper

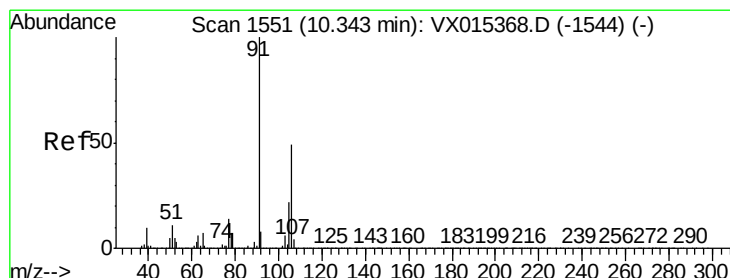
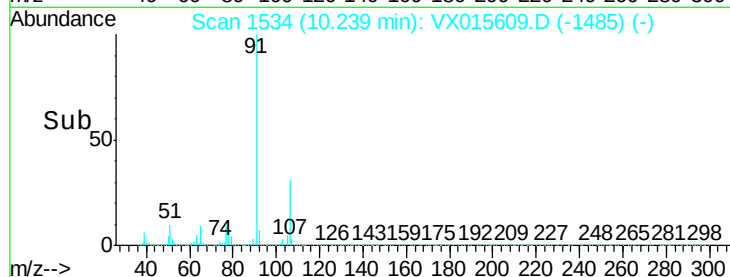
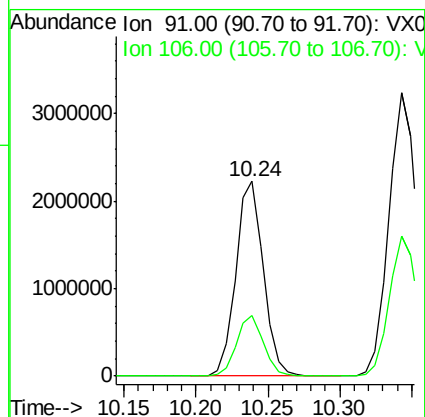
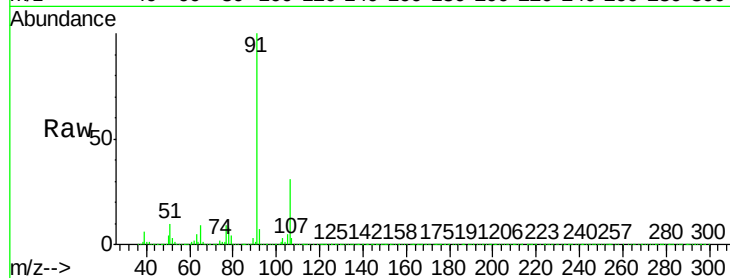
91 100

106 31.3 24.8 37.2

Manual Integrations
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#68

m/p-Xylenes

Concen: 100.673 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. 0.00 min

Lab File: VX015609.D

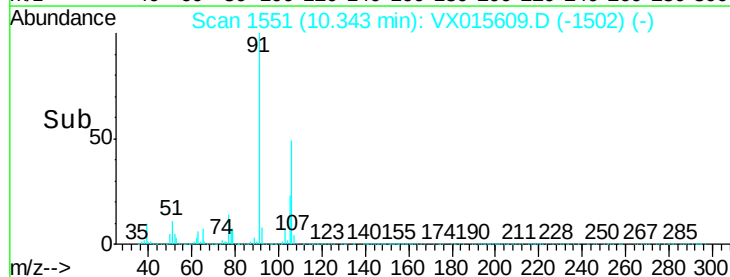
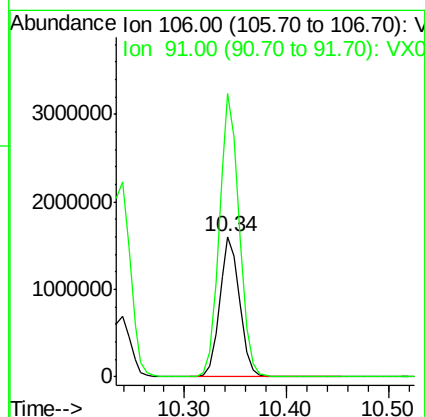
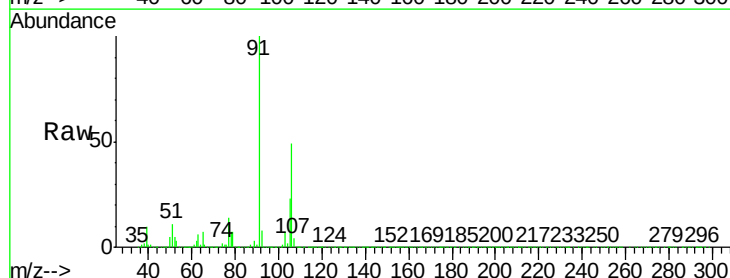
Acq: 09 Apr 2020 20:08

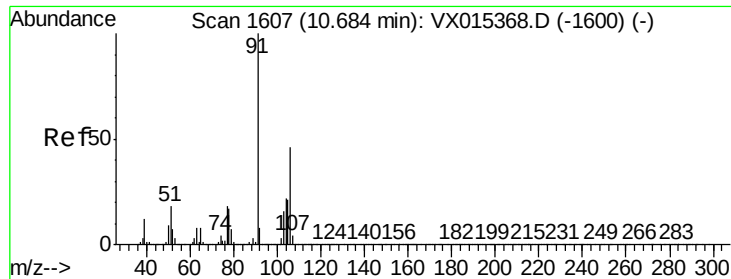
Tgt Ion: 106 Resp: 2183161

Ion Ratio Lower Upper

106 100

91 203.0 163.4 245.0





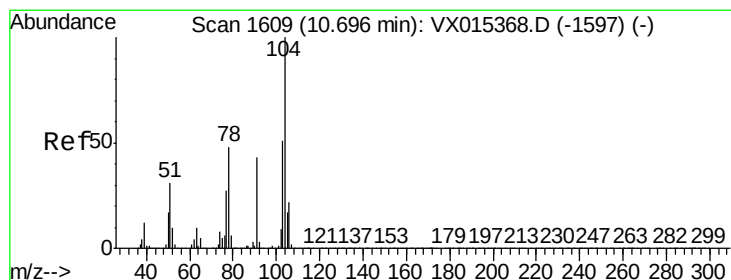
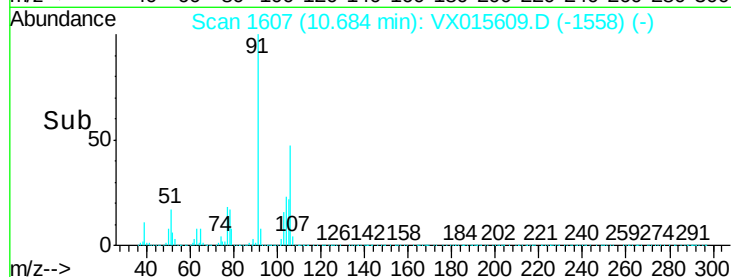
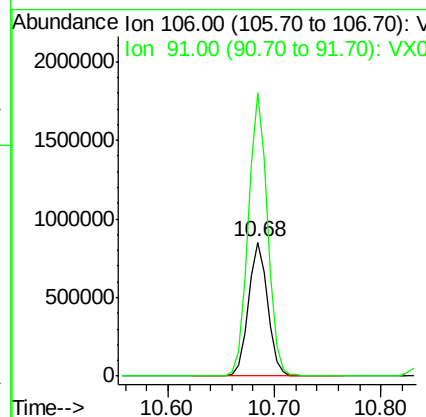
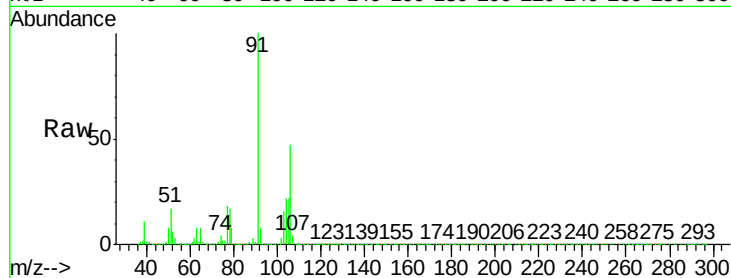
#69
o-Xylene
Concen: 50.575 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015609.D
Acq: 09 Apr 2020 20:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 1083758
Ion Ratio Lower Upper
106 100
91 210.8 107.1 321.3

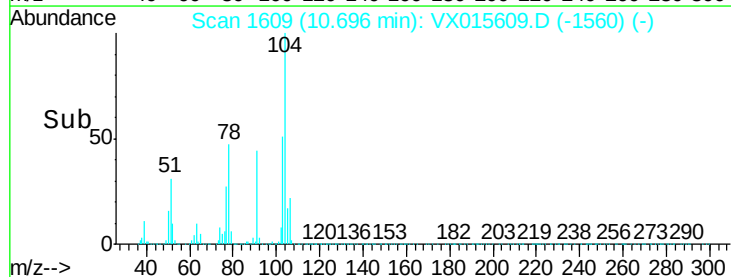
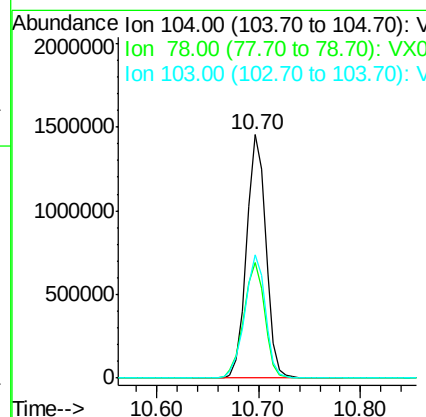
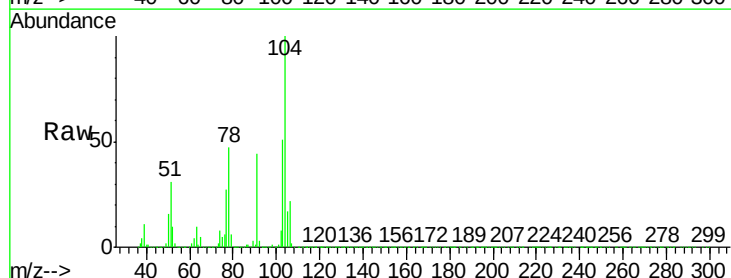
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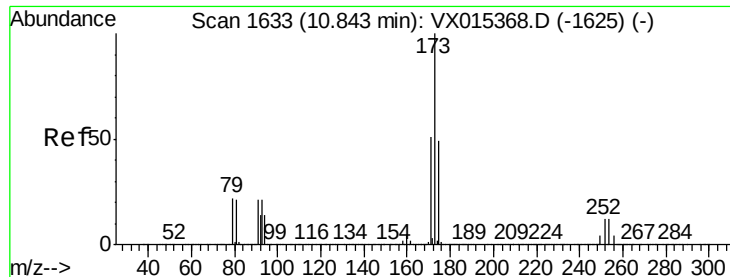
sam
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#70
Styrene
Concen: 50.294 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015609.D
Acq: 09 Apr 2020 20:08

Tgt Ion:104 Resp: 1896480
Ion Ratio Lower Upper
104 100
78 51.5 42.0 63.0
103 54.1 43.4 65.0





#71

Bromoform

Concen: 48.958 ug/l

RT: 10.84 min Scan# 1633

Delta R.T. -0.00 min

Lab File: VX015609.D

Acq: 09 Apr 2020 20:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 584652

Ion Ratio Lower Upper

173 100

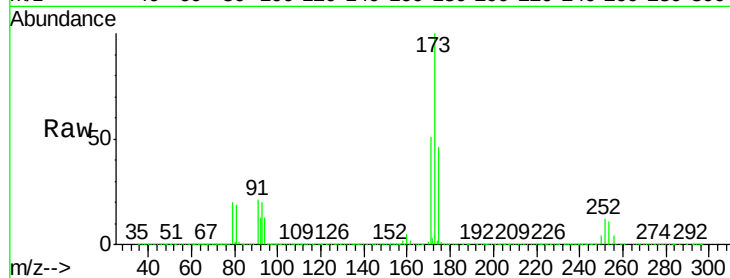
175 48.4 23.9 71.7

254 0.3 0.1 0.1#

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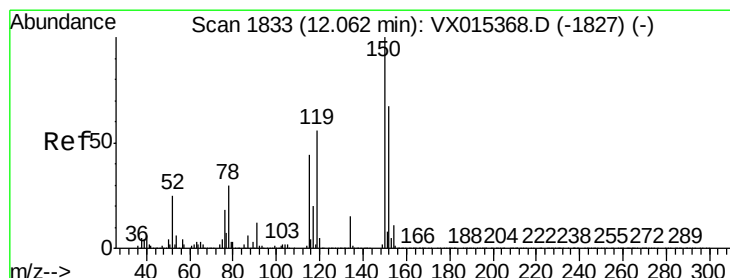
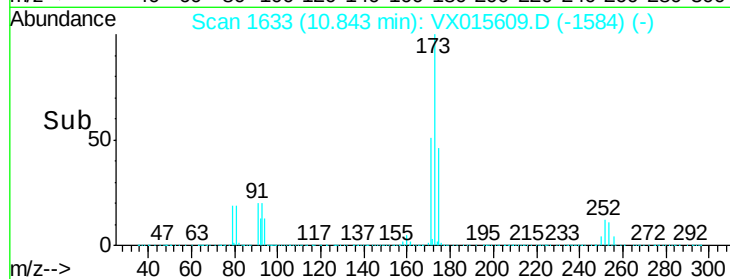
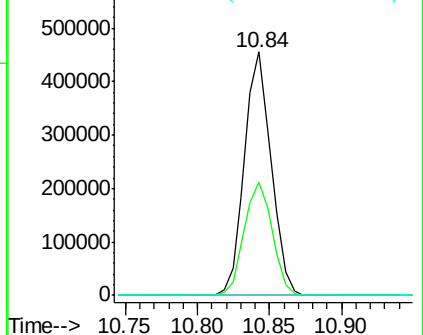
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX015609.D

Acq: 09 Apr 2020 20:08

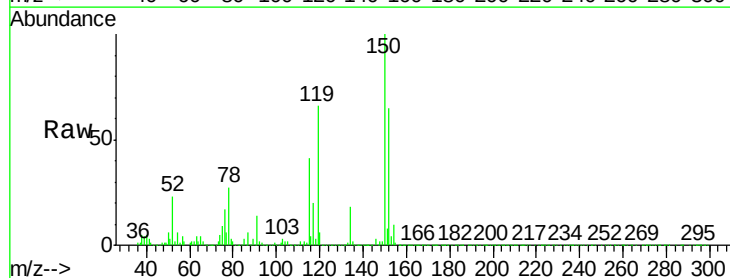
Tgt Ion:152 Resp: 877696

Ion Ratio Lower Upper

152 100

115 77.0 39.0 116.9

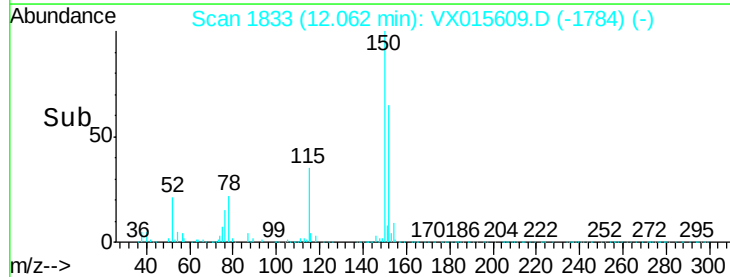
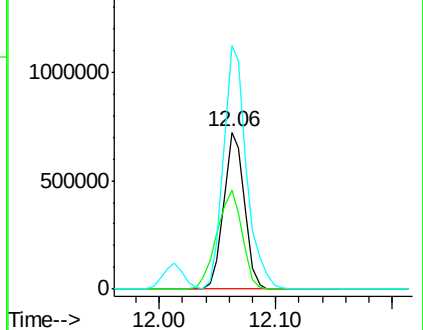
150 173.3 0.0 340.8

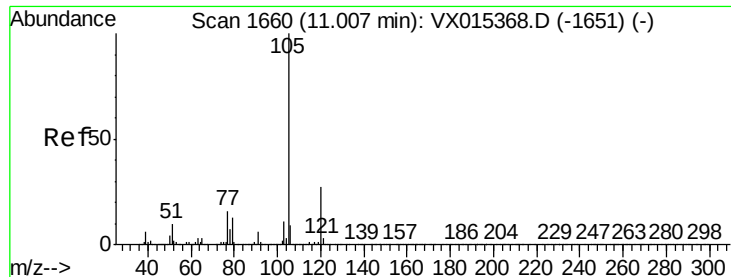


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.001 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015609.D

Acq: 09 Apr 2020 20:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 2875513

Ion Ratio Lower Upper

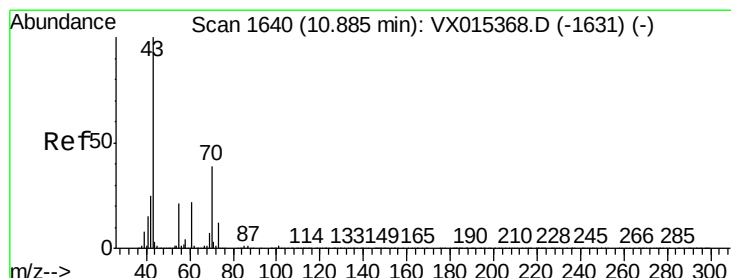
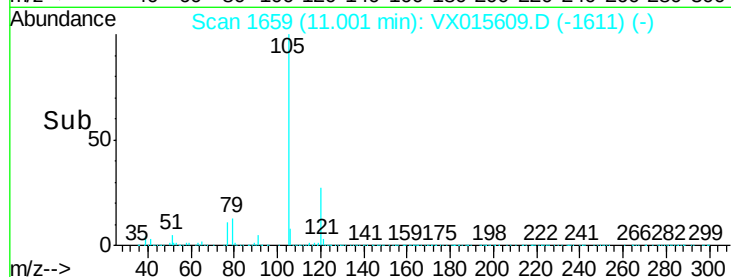
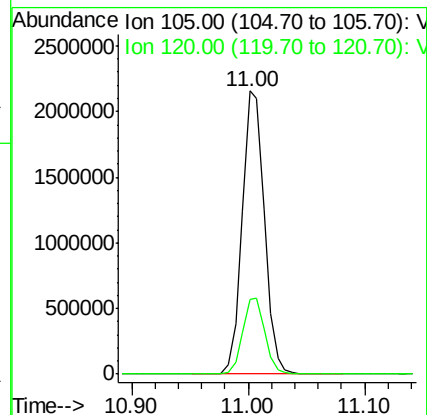
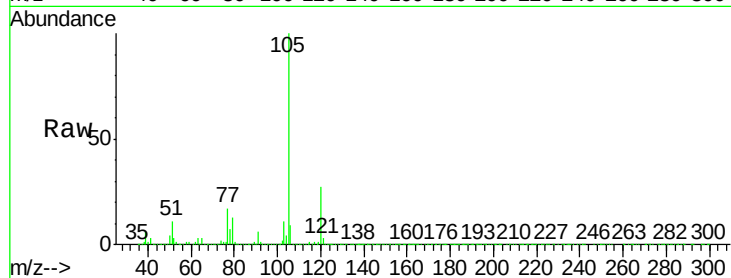
105 100

120 26.8 13.2 39.5

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#74

N-ethyl acetate

Concen: 46.564 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. -0.01 min

Lab File: VX015609.D

Acq: 09 Apr 2020 20:08

Tgt Ion: 43 Resp: 1489343

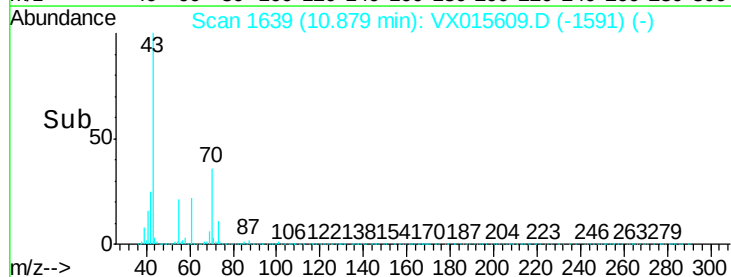
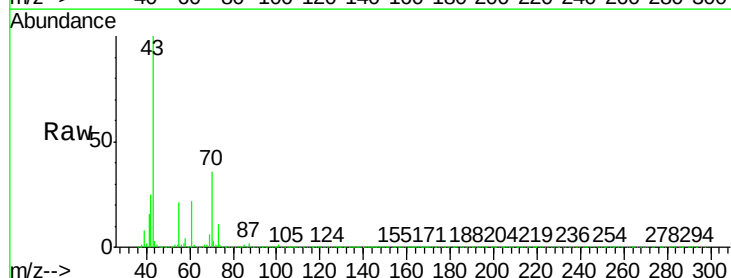
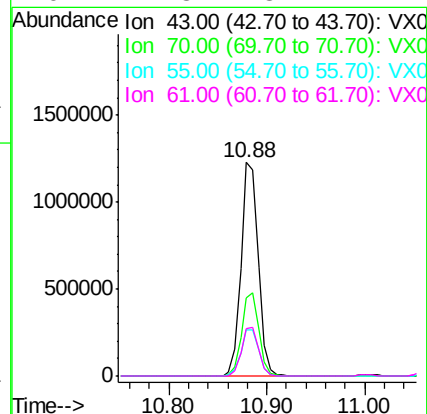
Ion Ratio Lower Upper

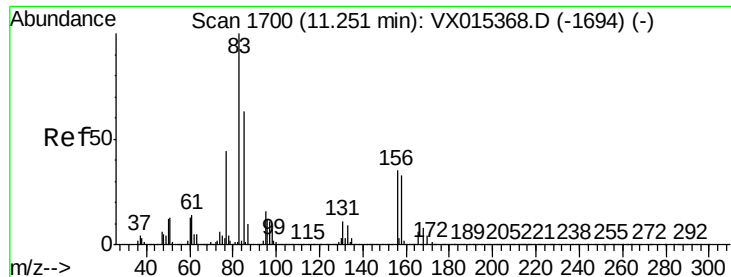
43 100

70 38.9 30.2 45.4

55 22.1 16.8 25.2

61 22.8 18.2 27.2





#75

1,1,2,2-Tetrachloroethane

Concen: 47.675 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015609.D

Acq: 09 Apr 2020 20:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 940776

Ion Ratio Lower Upper

83 100

131 10.8 5.3 16.1

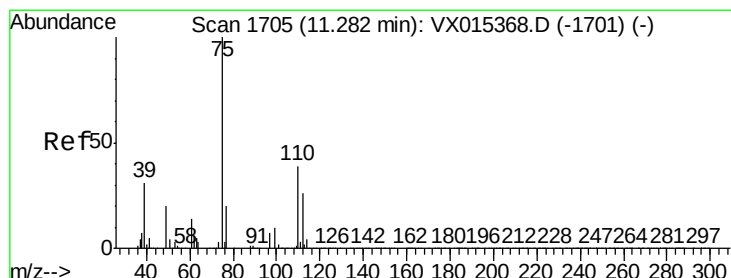
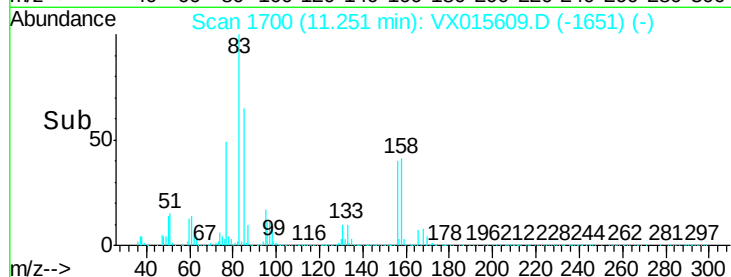
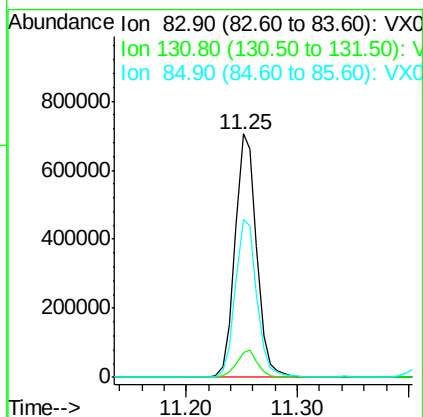
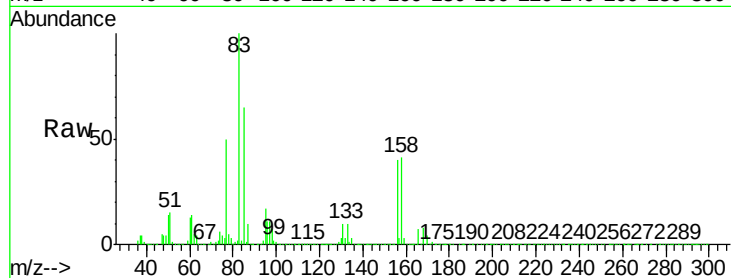
85 65.4 32.0 96.0

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#76

1,2,3-Trichloropropane

Concen: 48.222 ug/l m

RT: 11.28 min Scan# 1705

Delta R.T. -0.00 min

Lab File: VX015609.D

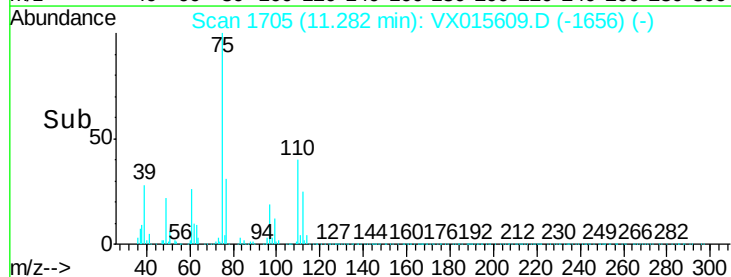
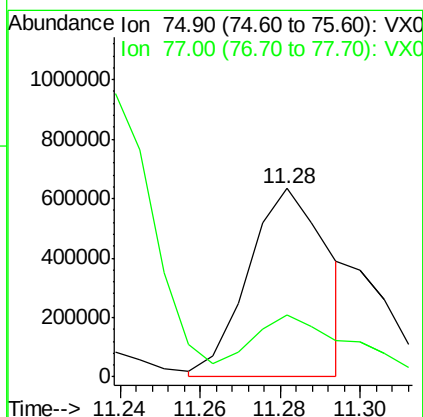
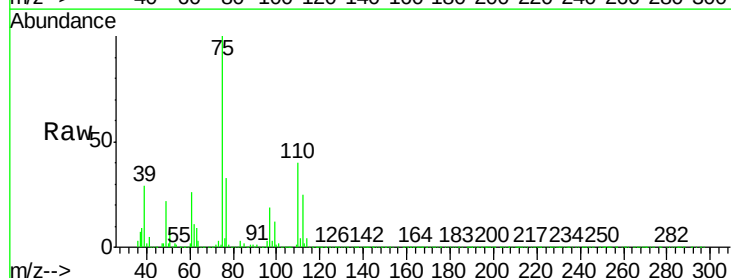
Acq: 09 Apr 2020 20:08

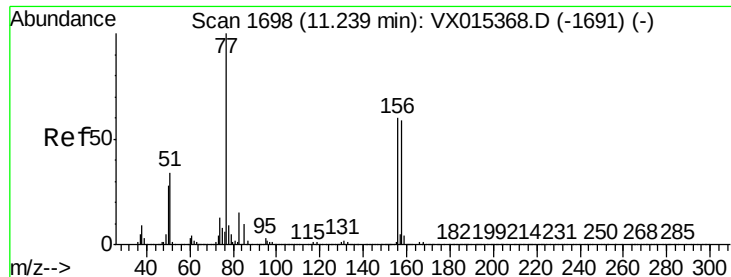
Tgt Ion: 75 Resp: 870367

Ion Ratio Lower Upper

75 100

77 41.5 21.2 63.6





#77

Bromobenzene

Concen: 51.078 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015609.D

Acq: 09 Apr 2020 20:08

Instrument :

MSVOA_X

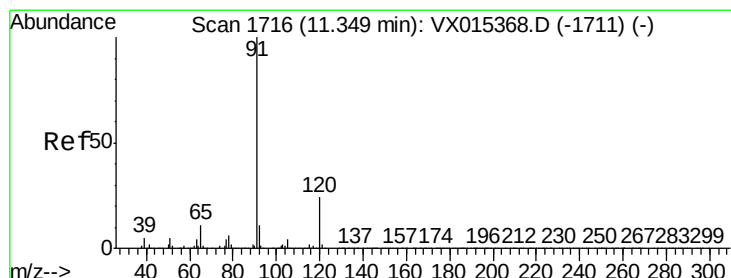
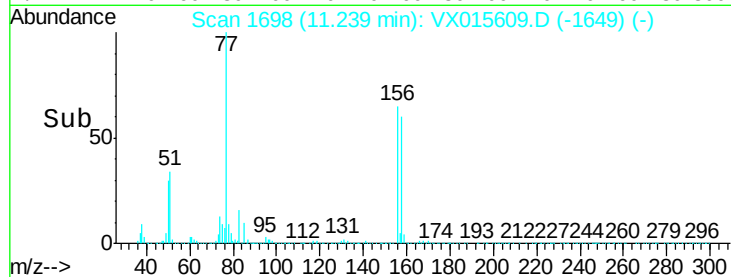
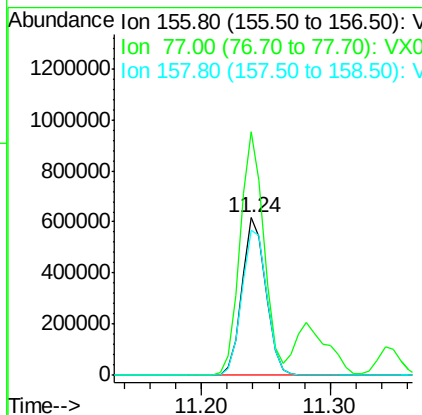
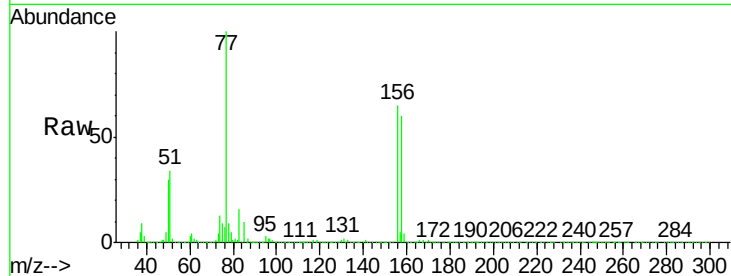
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	783520
Ion Ratio	Lower	Upper	
156	100		
77	155.7	82.2	246.5
158	96.5	49.3	147.9

Manual Integrations
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#78

n-propylbenzene

Concen: 50.876 ug/l

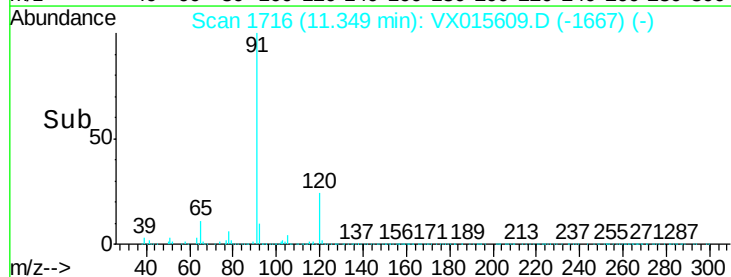
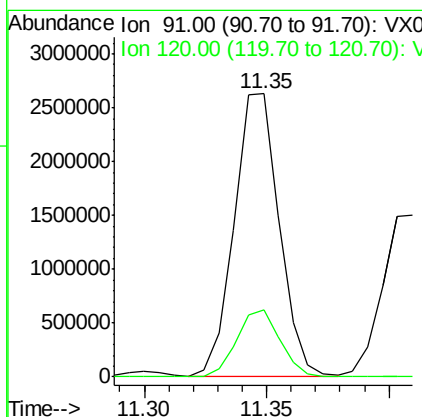
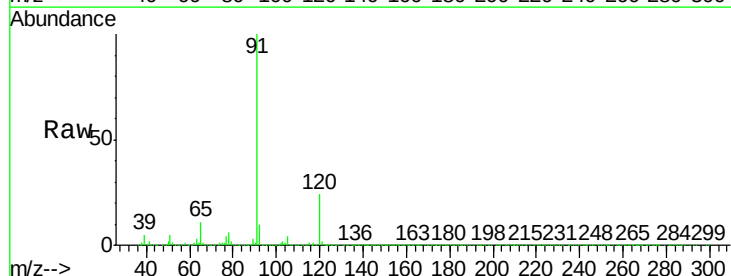
RT: 11.35 min Scan# 1716

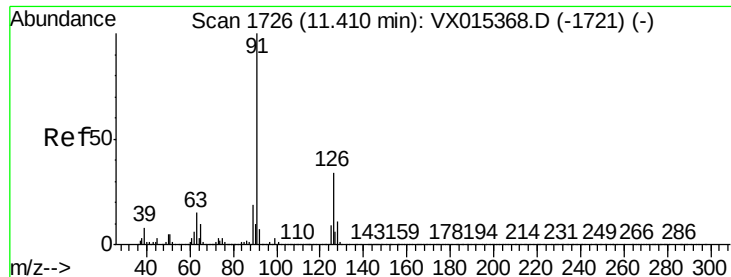
Delta R.T. 0.00 min

Lab File: VX015609.D

Acq: 09 Apr 2020 20:08

Tgt Ion:	91	Resp:	3345562
Ion Ratio	Lower	Upper	
91	100		
120	23.1	11.7	35.0





#79

2-Chlorotoluene

Concen: 49.093 ug/l

RT: 11.41 min Scan# 1726

Delta R.T. 0.00 min

Lab File: VX015609.D

Acq: 09 Apr 2020 20:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 1978709

Ion Ratio Lower Upper

91 100

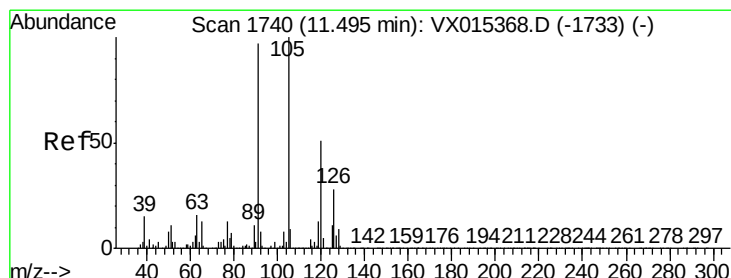
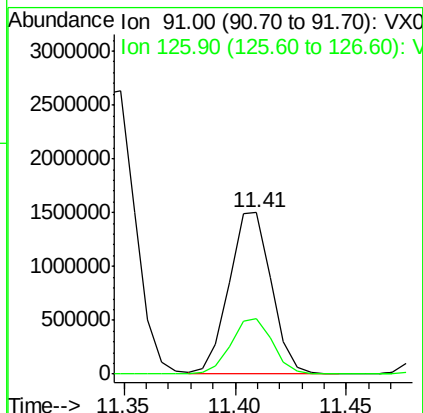
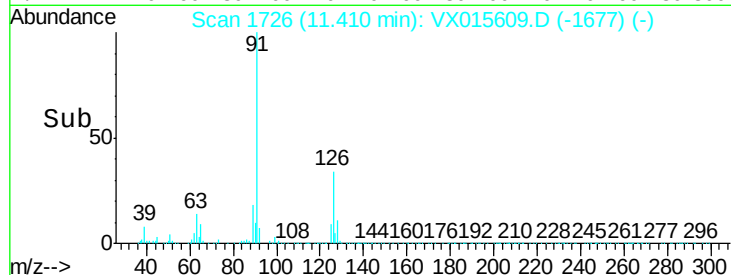
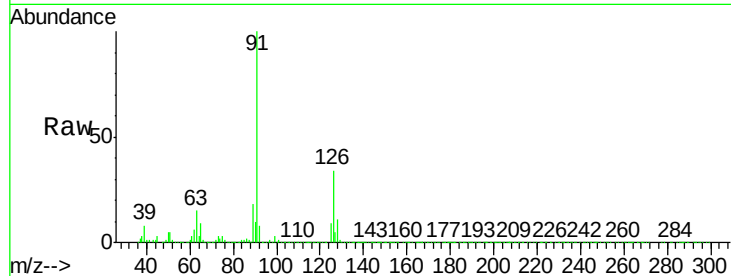
126 34.1 16.5 49.5

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 49.512 ug/l

RT: 11.49 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VX015609.D

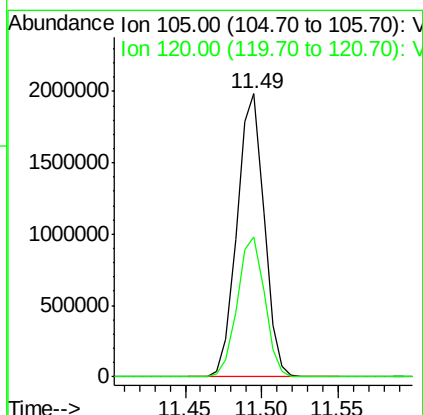
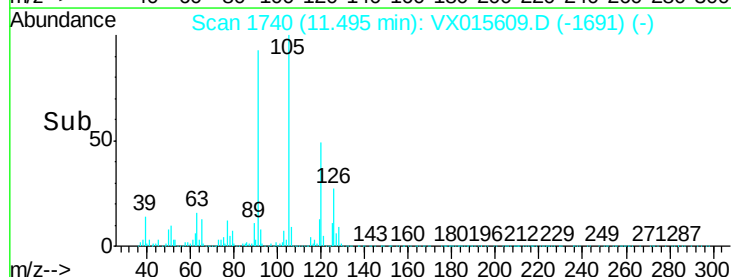
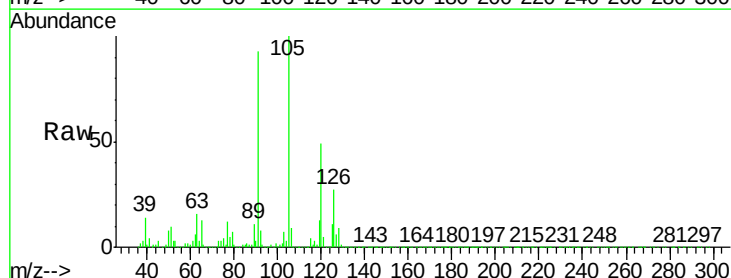
Acq: 09 Apr 2020 20:08

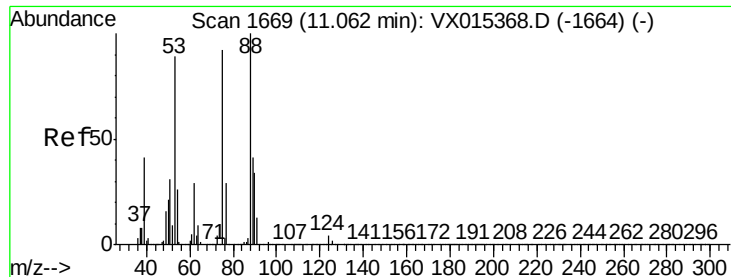
Tgt Ion: 105 Resp: 2431710

Ion Ratio Lower Upper

105 100

120 49.9 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 44.703 ug/l

RT: 11.06 min Scan# 1669

Delta R.T. 0.00 min

Lab File: VX015609.D

Acq: 09 Apr 2020 20:08

Instrument :

MSVOA_X

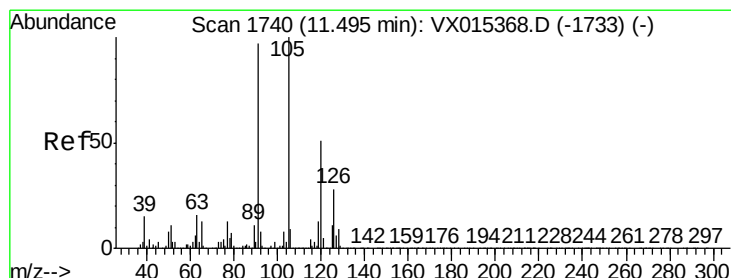
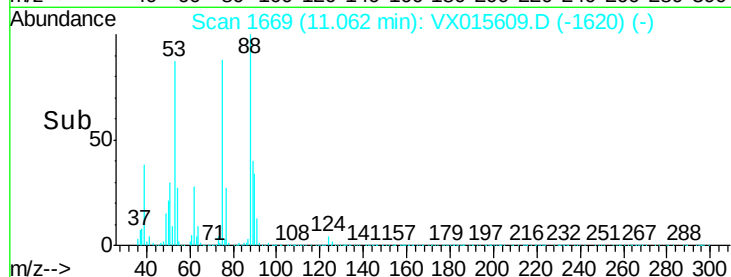
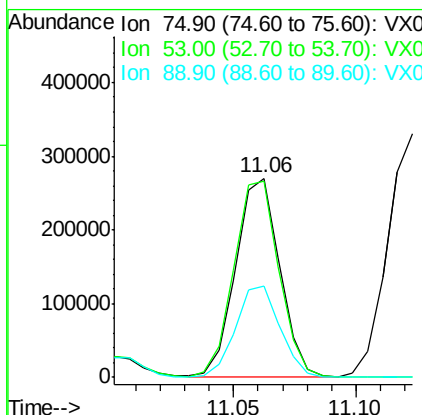
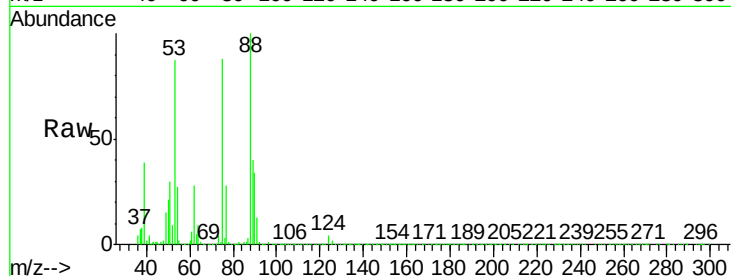
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	336267
Ion Ratio	Lower	Upper	
75	100		
53	101.4	80.1	120.1
89	46.8	36.1	54.1

Manual Integrations
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sam
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#82

4-Chlorotoluene

Concen: 49.048 ug/l

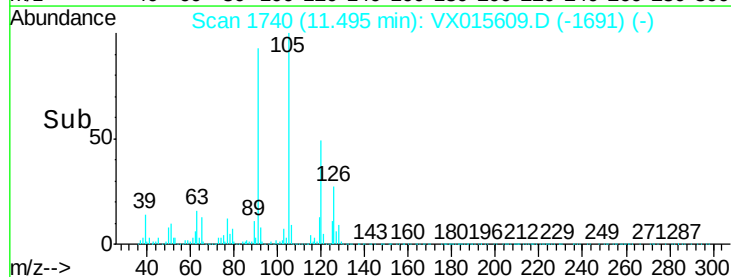
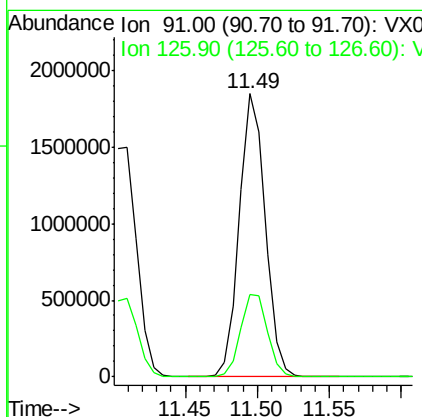
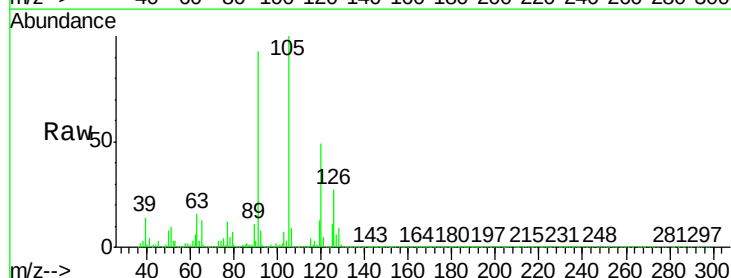
RT: 11.49 min Scan# 1740

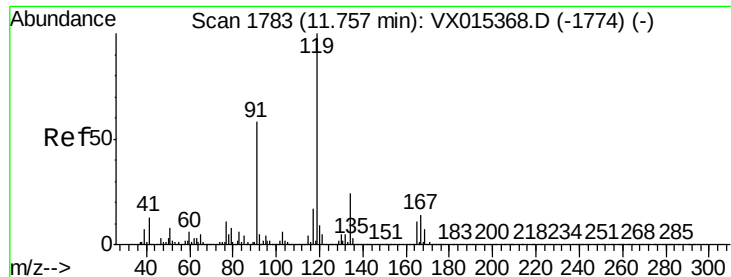
Delta R.T. 0.00 min

Lab File: VX015609.D

Acq: 09 Apr 2020 20:08

Tgt Ion:	91	Resp:	2317525
Ion Ratio	Lower	Upper	
91	100		
126	30.1	14.7	44.1





#83

tert-Butylbenzene

Concen: 50.317 ug/l

RT: 11.76 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX015609.D

Acq: 09 Apr 2020 20:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:119 Resp: 2413883

Ion Ratio Lower Upper

119 100

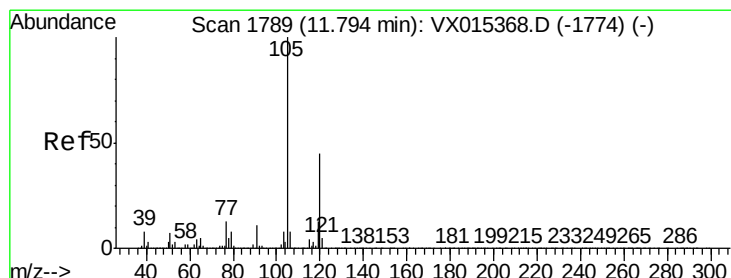
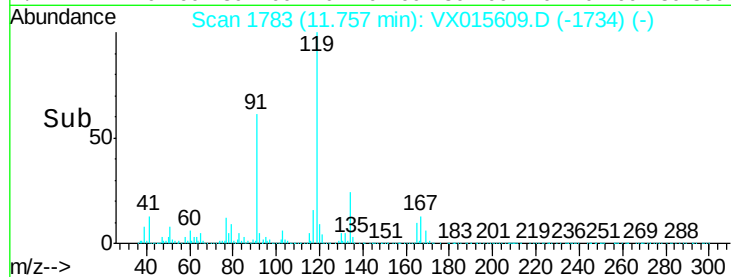
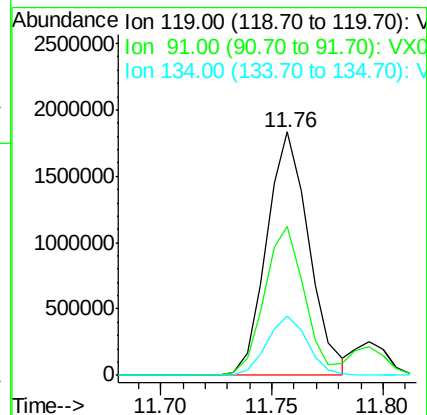
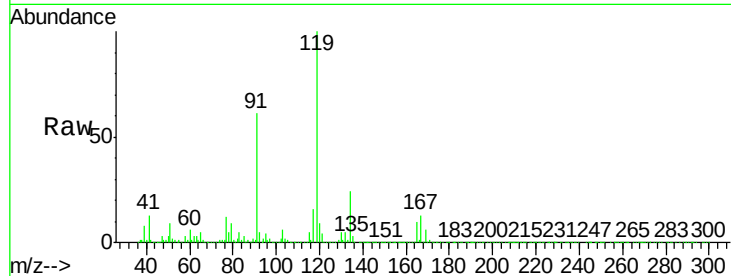
91 57.2 28.6 85.8

134 23.3 11.8 35.3

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 49.289 ug/l

RT: 11.79 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX015609.D

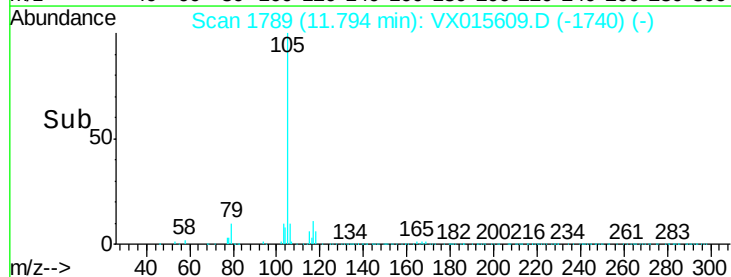
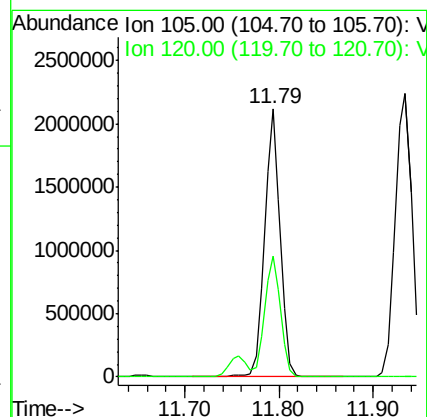
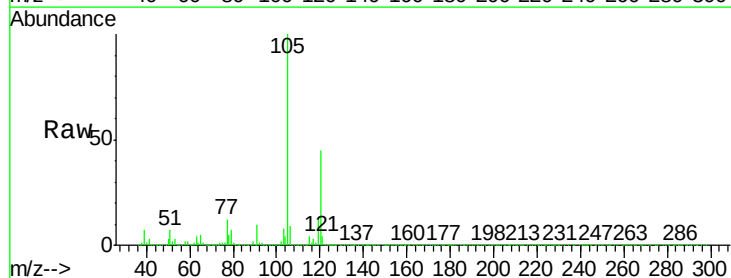
Acq: 09 Apr 2020 20:08

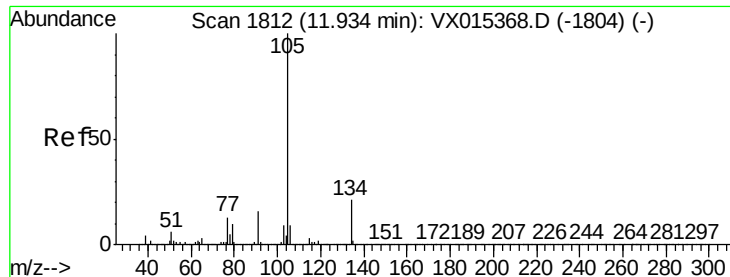
Tgt Ion:105 Resp: 2466899

Ion Ratio Lower Upper

105 100

120 46.4 22.7 68.1





#85

sec-Butylbenzene

Concen: 50.030 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VX015609.D

Acq: 09 Apr 2020 20:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 2775827

Ion Ratio Lower Upper

105 100

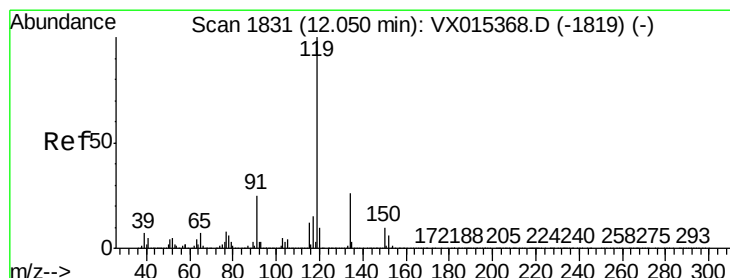
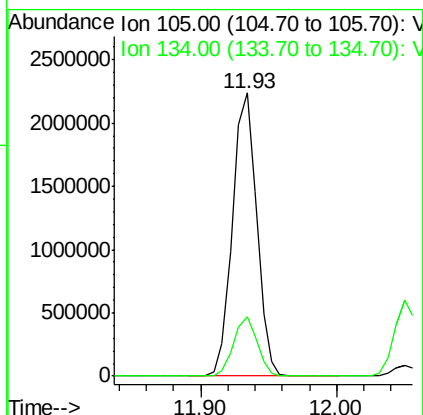
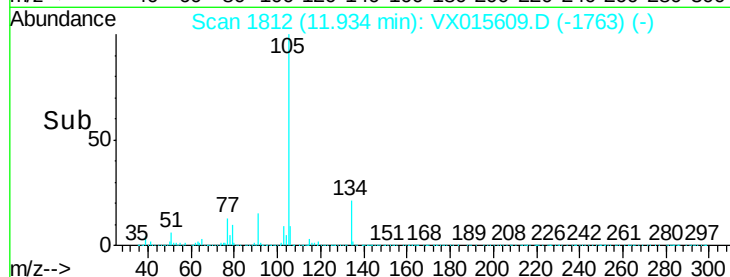
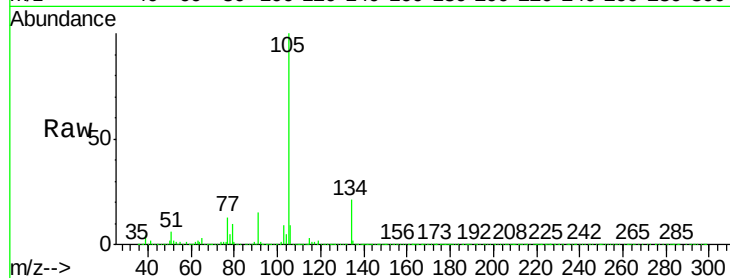
134 20.5 10.4 31.1

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 51.598 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VX015609.D

Acq: 09 Apr 2020 20:08

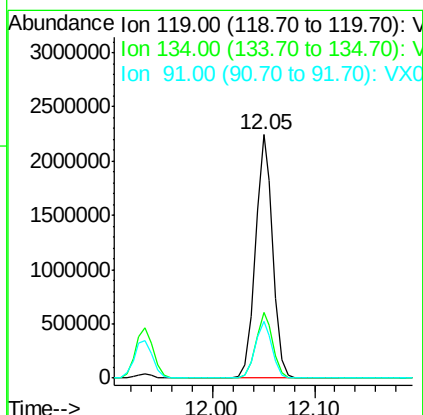
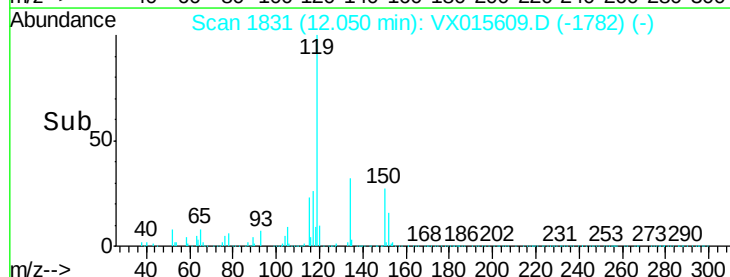
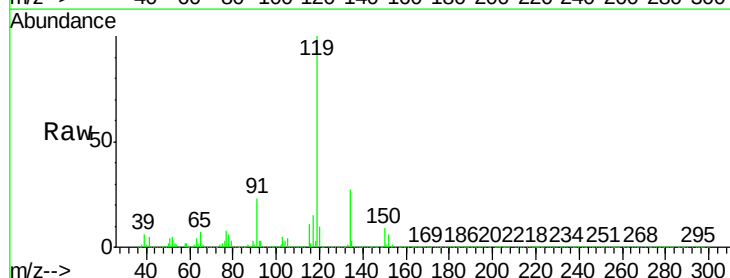
Tgt Ion:119 Resp: 2657735

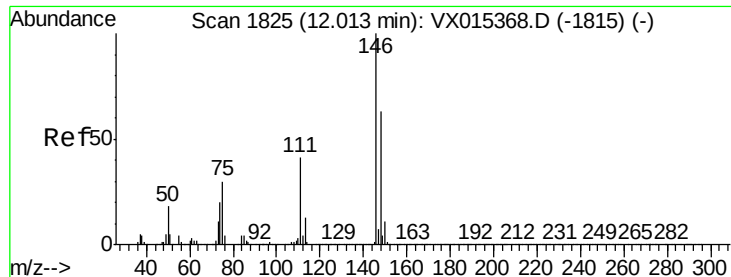
Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.3

91 23.2 12.4 37.4





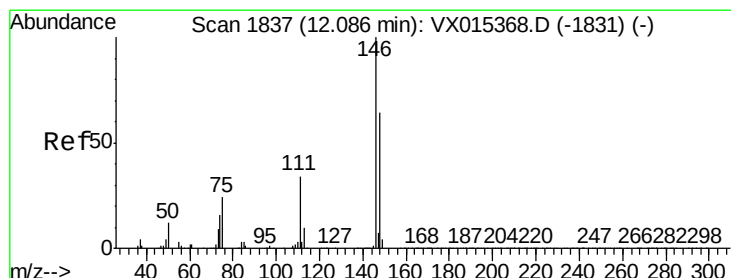
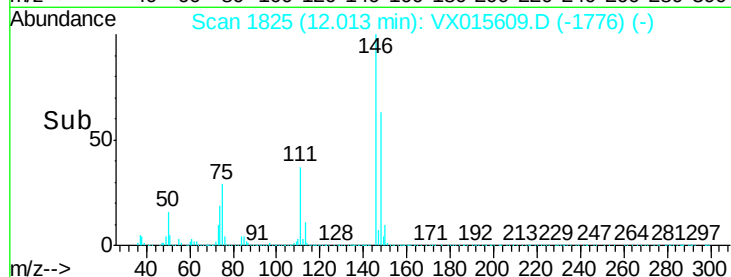
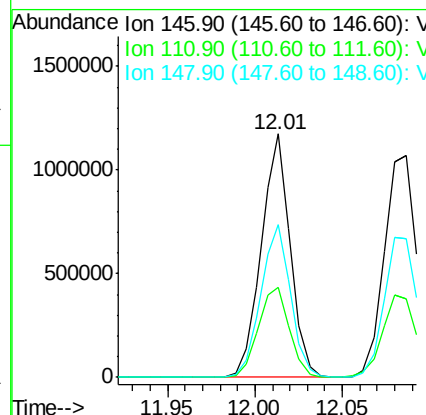
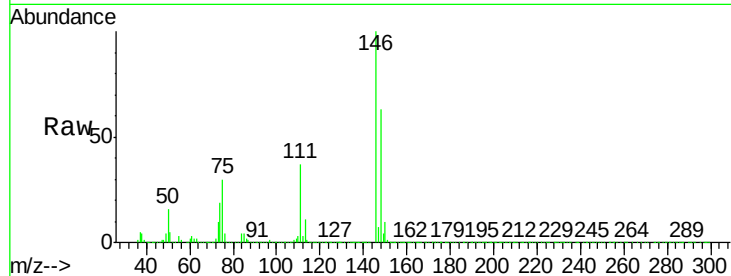
#87
 1,3-Dichlorobenzene
 Concen: 49.437 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: VX015609.D
 Acq: 09 Apr 2020 20:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.3	60.9
148	64.6	31.3	93.9

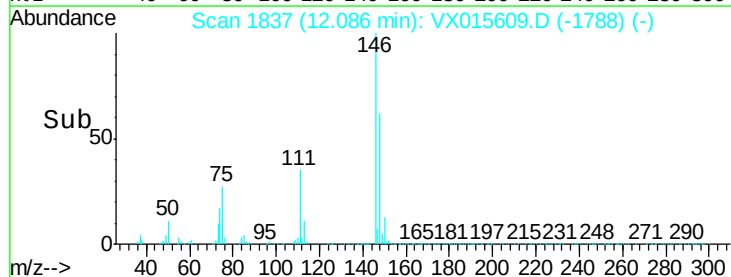
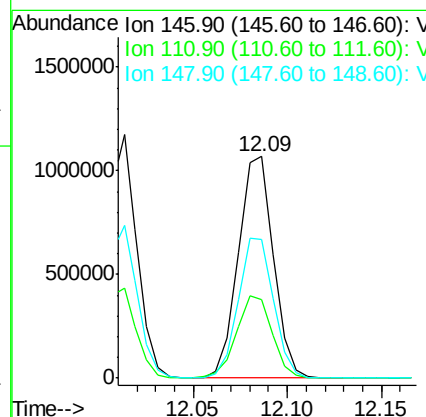
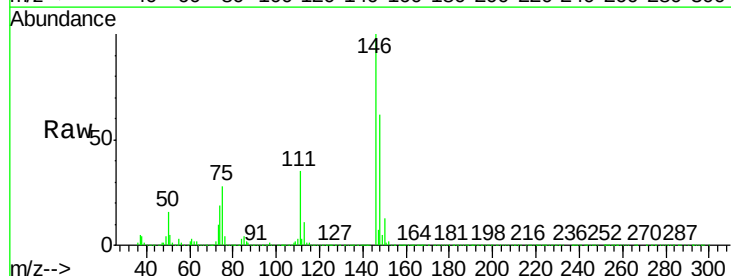
Manual Integrations
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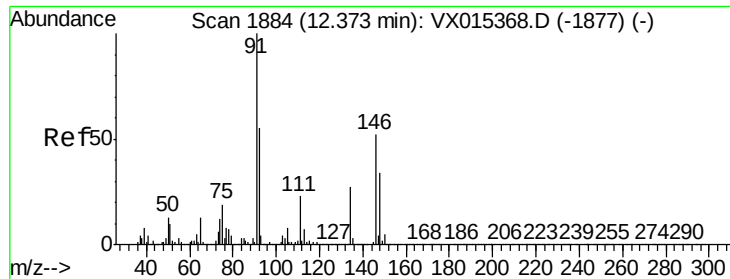
sam
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#88
 1,4-Dichlorobenzene
 Concen: 49.382 ug/l
 RT: 12.09 min Scan# 1837
 Delta R.T. -0.00 min
 Lab File: VX015609.D
 Acq: 09 Apr 2020 20:08

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	19.1	57.5
148	63.7	32.4	97.2





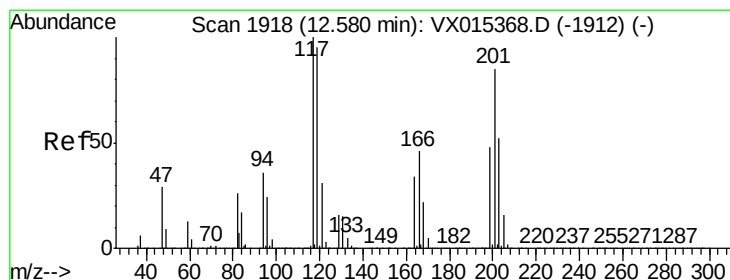
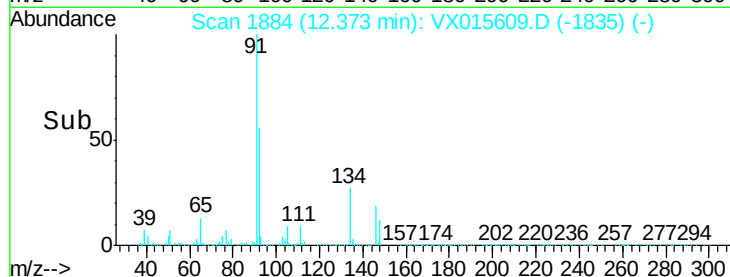
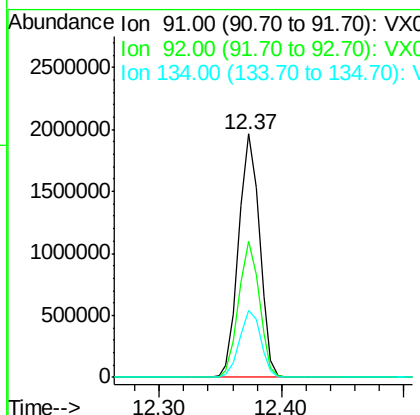
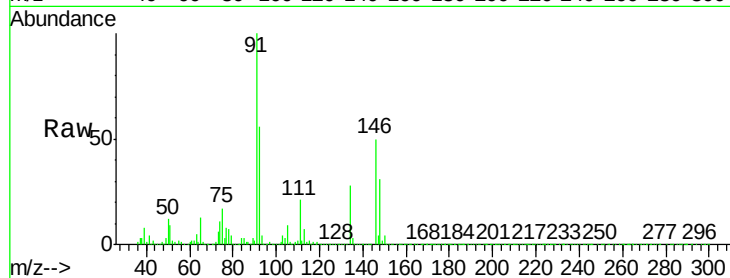
#89
n-Butylbenzene
Concen: 49.665 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VX015609.D
Acq: 09 Apr 2020 20:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.3	27.2	81.5
134	27.7	13.4	40.2

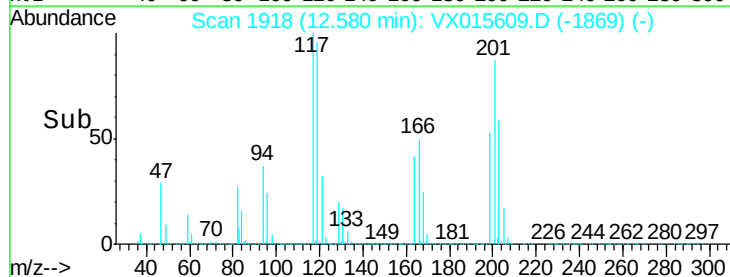
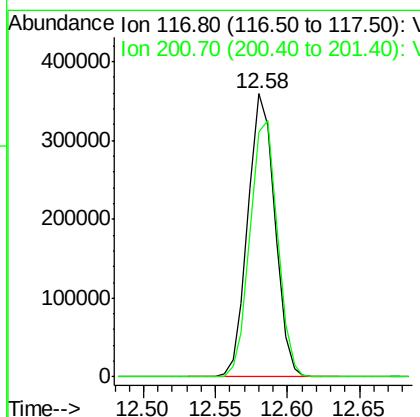
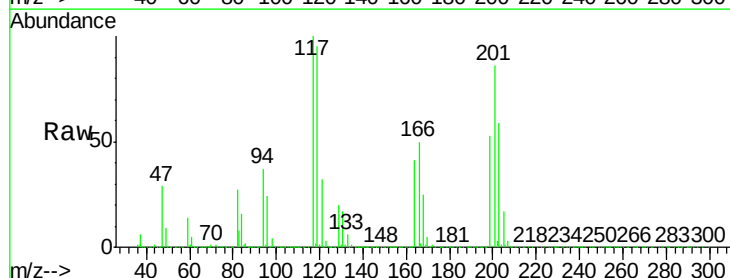
Manual Integrations
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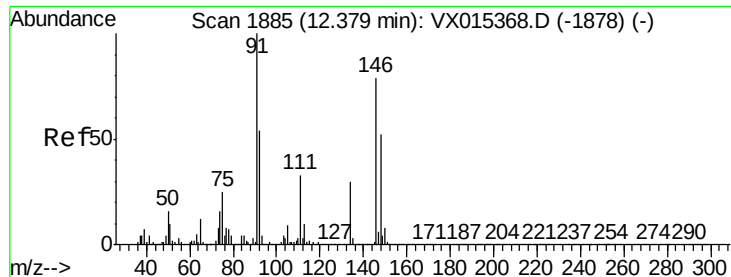
sam
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#90
Hexachloroethane
Concen: 46.284 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VX015609.D
Acq: 09 Apr 2020 20:08

Tgt Ion	Ratio	Lower	Upper
117	100		
201	91.9	42.6	128.0





#91

1,2-Dichlorobenzene

Concen: 50.465 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX015609.D

Acq: 09 Apr 2020 20:08

Instrument :

MSVOA_X

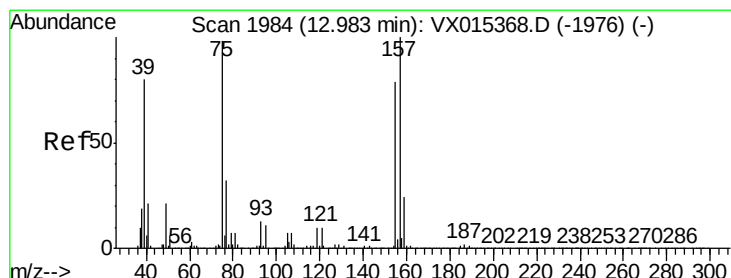
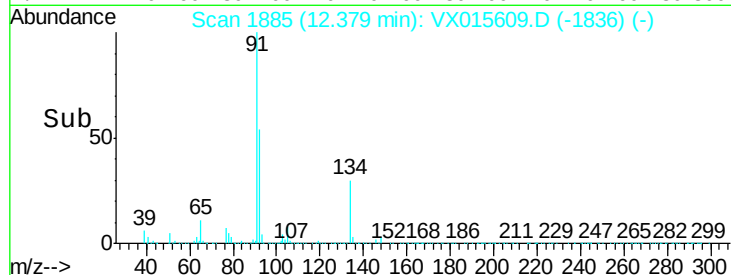
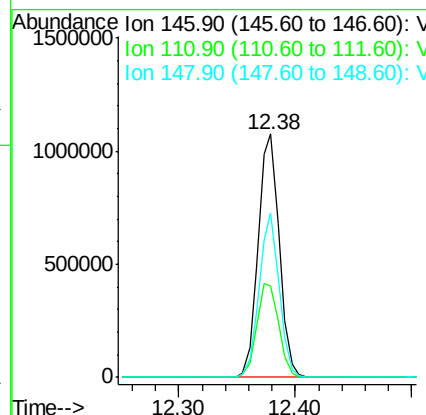
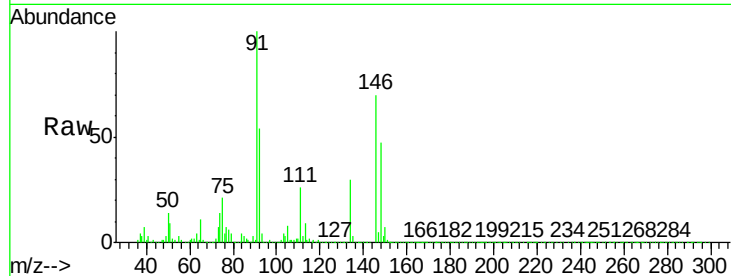
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	1356207
Ion	Ratio	Lower	Upper
146	100		
111	39.9	21.0	63.0
148	64.4	32.4	97.0

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 43.543 ug/l

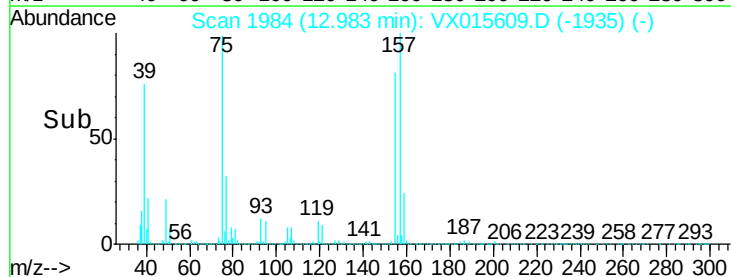
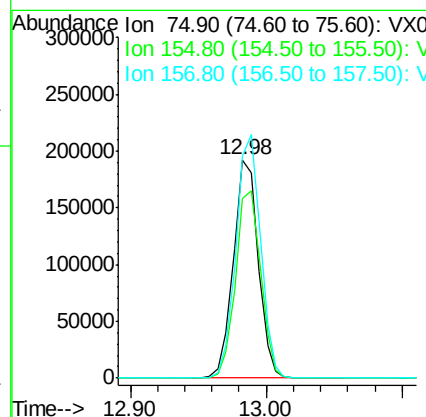
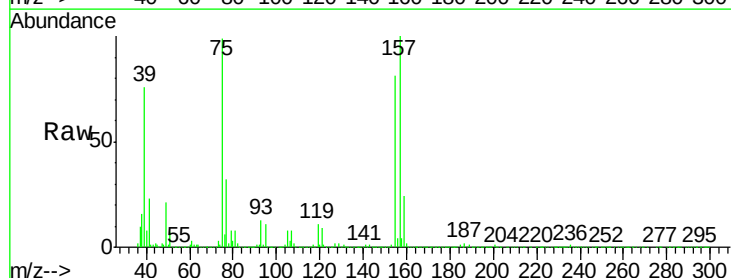
RT: 12.98 min Scan# 1984

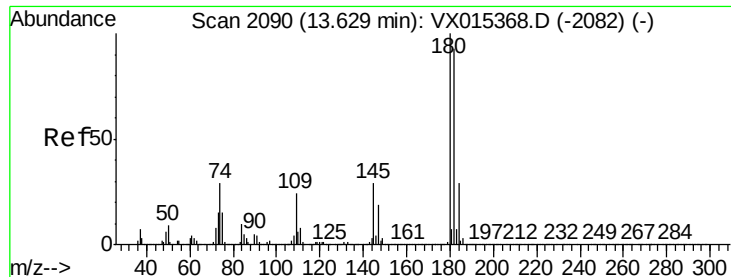
Delta R.T. -0.00 min

Lab File: VX015609.D

Acq: 09 Apr 2020 20:08

Tgt Ion:	75	Resp:	242519
Ion	Ratio	Lower	Upper
75	100		
155	88.4	42.8	128.4
157	112.0	53.4	160.3





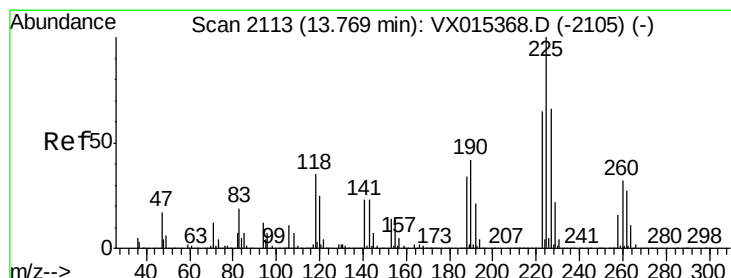
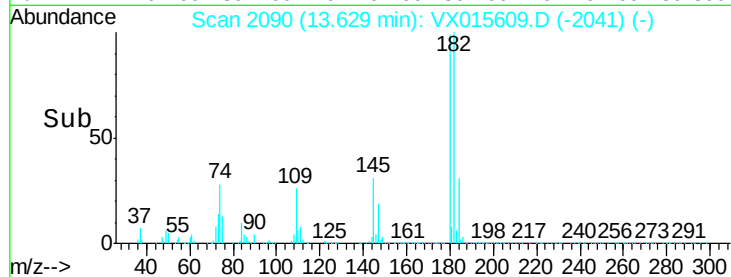
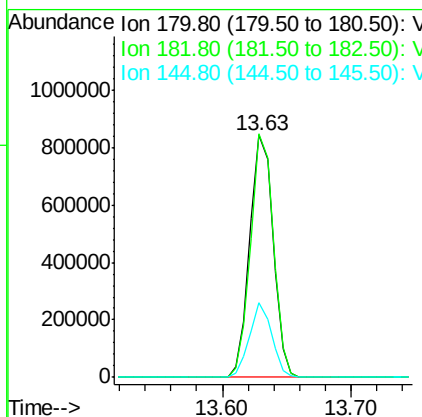
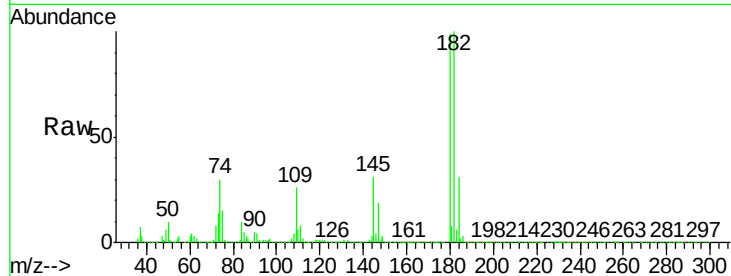
#93
 1,2,4-Trichlorobenzene
 Concen: 49.445 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: VX015609.D
 Acq: 09 Apr 2020 20:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	98.0	46.9	140.7
145	29.3	14.9	44.5

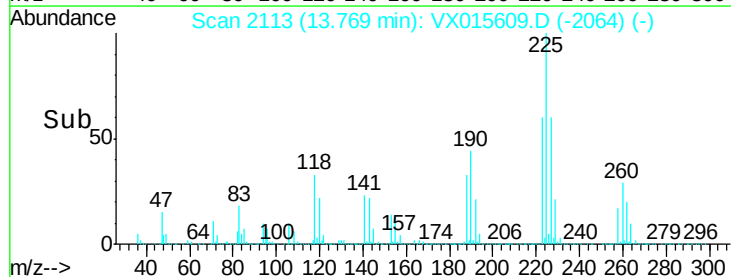
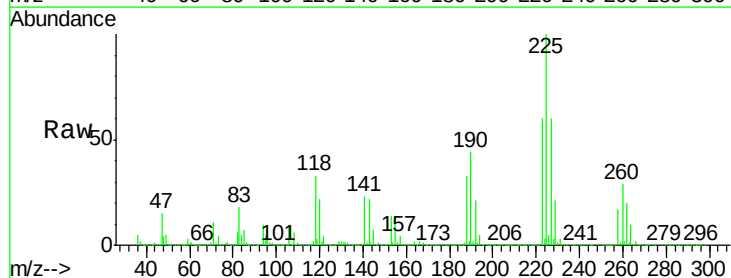
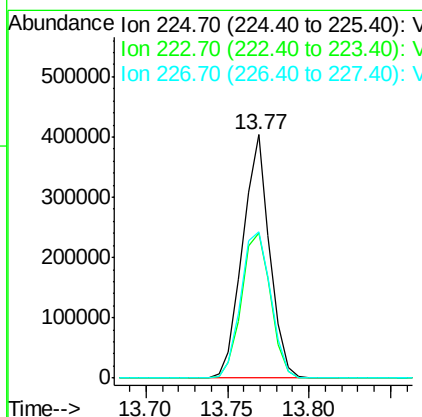
Manual Integrations
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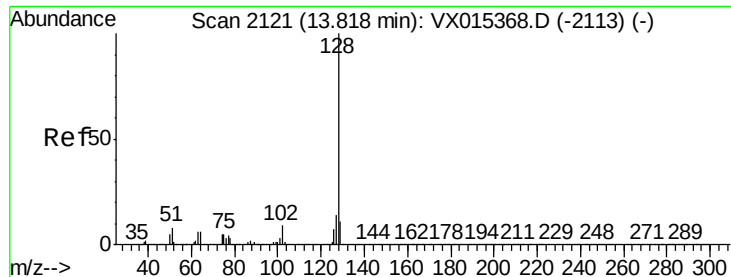
sam
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#94
 Hexachlorobutadiene
 Concen: 46.078 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VX015609.D
 Acq: 09 Apr 2020 20:08

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.4	31.9	95.7
227	67.2	30.4	91.3





#95

Naphthalene

Concen: 50.660 ug/l

RT: 13.82 min Scan# 2121

Delta R.T. 0.00 min

Lab File: VX015609.D

Acq: 09 Apr 2020 20:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:128 Resp: 3284902

Ion Ratio Lower Upper

128 100

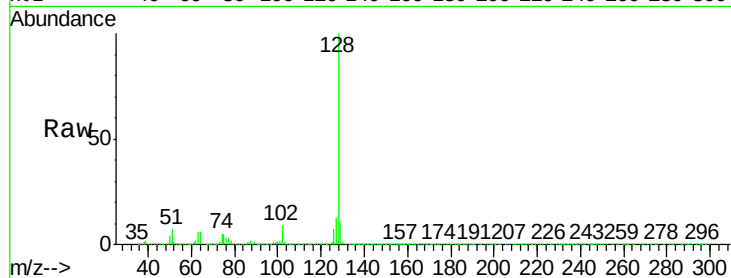
127 12.7 10.6 15.8

129 11.0 8.8 13.2

Manual Integrations
APPROVED

sam

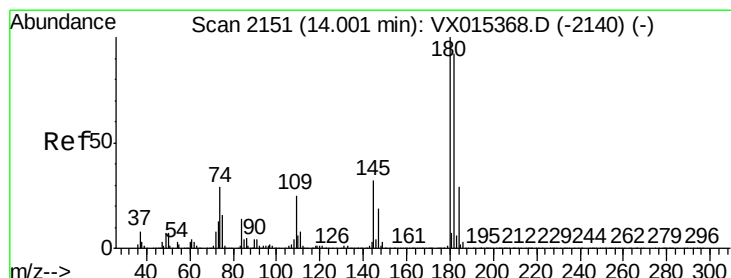
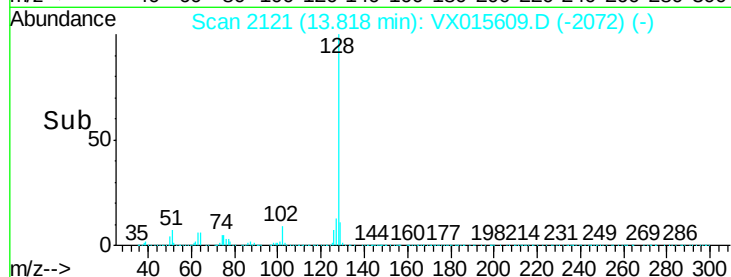
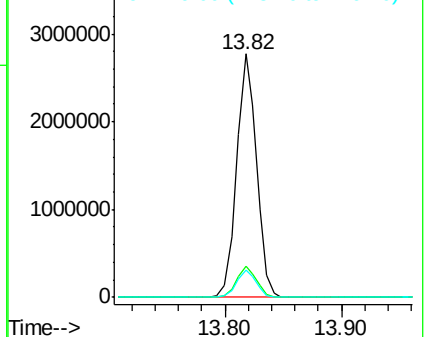
4/10/2020 2:12:57 PM



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 49.393 ug/l

RT: 14.01 min Scan# 2152

Delta R.T. 0.01 min

Lab File: VX015609.D

Acq: 09 Apr 2020 20:08

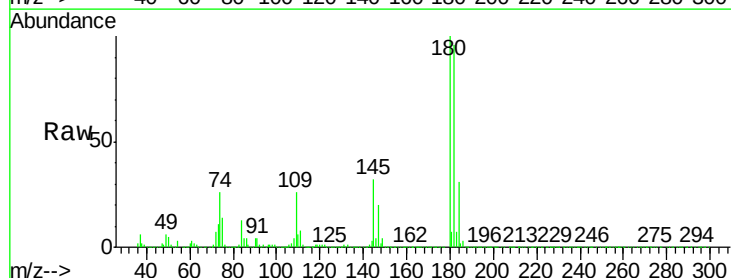
Tgt Ion:180 Resp: 1010905

Ion Ratio Lower Upper

180 100

182 96.4 46.7 140.0

145 33.3 15.8 47.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

