

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040920\
 Data File : VX015584.D
 Acq On : 09 Apr 2020 10:24
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

sam
 4/10/2020 2:12:29 PM

Quant Time: Apr 09 15:40:54 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	5.62	168	1138329	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1713922	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1562356	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	841603	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	705924	43.97	ug/l	0.00
Spiked Amount			Recovery	=	87.94%	
35) Dibromofluoromethane	5.47	113	521928	47.64	ug/l	0.00
Spiked Amount			Recovery	=	95.28%	
50) Toluene-d8	8.70	98	1928501	47.81	ug/l	0.00
Spiked Amount			Recovery	=	95.62%	
62) 4-Bromofluorobenzene	11.12	95	791636	48.29	ug/l	0.00
Spiked Amount			Recovery	=	96.58%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	488324	48.692	ug/l	99
3) Chloromethane	1.31	50	554200	43.393	ug/l	99
4) Vinyl Chloride	1.39	62	557876	47.571	ug/l	98
5) Bromomethane	1.62	94	254423	46.498	ug/l	99
6) Chloroethane	1.70	64	349101	47.998	ug/l	99
7) Trichlorofluoromethane	1.91	101	797885	50.733	ug/l	95
8) Diethyl Ether	2.17	74	320962	48.384	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	519100	50.631	ug/l	100
10) Methyl Iodide	2.49	142	600837	43.466	ug/l	99
11) Tert butyl alcohol	3.01	59	735183	191.313	ug/l	99
12) 1,1-Dichloroethene	2.36	96	493341	45.905	ug/l	99
13) Acrolein	2.27	56	352346	160.959	ug/l	99
14) Allyl chloride	2.70	41	1095113	43.610	ug/l	97
15) Acrylonitrile	3.11	53	1570025	214.234	ug/l	100
16) Acetone	2.42	43	1950069	282.719	ug/l	99
17) Carbon Disulfide	2.55	76	1384631	42.234	ug/l	100
18) Methyl Acetate	2.75	43	759829	43.161	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	1863195	44.701	ug/l	100
20) Methylene Chloride	2.83	84	560129	43.476	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	541521	45.402	ug/l	99
22) Diisopropyl ether	3.83	45	2046683	45.996	ug/l	90
23) Vinyl Acetate	3.78	43	9014508	223.752	ug/l	99
24) 1,1-Dichloroethane	3.67	63	1046267	44.658	ug/l	99
25) 2-Butanone	4.63	43	2597861	234.195	ug/l	97
26) 2,2-Dichloropropane	4.55	77	973939	50.646	ug/l	97
27) cis-1,2-Dichloroethene	4.56	96	624585	45.263	ug/l	97
28) Bromochloromethane	4.98	49	525427	46.973	ug/l	97
29) Tetrahydrofuran	5.09	42	1483644	208.049	ug/l	100
30) Chloroform	5.18	83	1028949	45.650	ug/l	98
31) Cyclohexane	5.54	56	966169	47.538	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	957635	46.946	ug/l	99
36) 1,1-Dichloropropene	5.77	75	794362	50.302	ug/l	99
37) Ethyl Acetate	4.79	43	913242	44.414	ug/l	100
38) Carbon Tetrachloride	5.76	117	839072	49.056	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	963728	52.929	ug/l	97
40) Benzene	6.11	78	2247371	48.583	ug/l	98
41) Methacrylonitrile	5.00	41	525177	46.010	ug/l	99
42) 1,2-Dichloroethane	6.16	62	901963	48.542	ug/l	100
43) Isopropyl Acetate	6.41	43	1581268	45.555	ug/l	100
44) Trichloroethene	7.19	130	626069	49.625	ug/l	100
45) 1,2-Dichloropropane	7.49	63	596177	47.112	ug/l	99
46) Dibromomethane	7.64	93	400688	48.269	ug/l	97
47) Bromodichloromethane	7.87	83	859692	48.603	ug/l	99
48) Methyl methacrylate	7.75	41	791699	45.663	ug/l	99
49) 1,4-Dioxane	7.72	88	302521	935.335	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	4567200	232.174	ug/l	100
52) Toluene	8.76	92	1445185	50.673	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	979611	47.222	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	1033221	48.894	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	576756	49.360	ug/l	98
56) Ethyl methacrylate	9.16	69	970454	47.126	ug/l	99
57) 1,3-Dichloropropane	9.36	76	1004086	47.695	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	2444751	244.075	ug/l	99
59) 2-Hexanone	9.47	43	3765463	253.540	ug/l	100
60) Dibromochloromethane	9.57	129	695103	49.506	ug/l	99
61) 1,2-Dibromoethane	9.65	107	614560	48.371	ug/l	100
64) Tetrachloroethene	9.32	164	620350	52.613	ug/l	95
65) Chlorobenzene	10.12	112	1574938	50.547	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	625048	50.213	ug/l	99
67) Ethyl Benzene	10.23	91	2828809	51.189	ug/l	98
68) m/p-Xylenes	10.34	106	2124783	103.257	ug/l	99
69) o-Xylene	10.68	106	1033349	50.819	ug/l	100
70) Styrene	10.70	104	1817370	50.791	ug/l	99
71) Bromoform	10.84	173	565763	49.927	ug/l #	99
73) Isopropylbenzene	11.01	105	2808135	50.924	ug/l	98
74) N-amyl acetate	10.88	43	1380319	45.006	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	866301	45.783	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	835191m	48.258	ug/l	
77) Bromobenzene	11.24	156	740415	50.338	ug/l	96
78) n-propylbenzene	11.35	91	3211356	50.930	ug/l	100
79) 2-Chlorotoluene	11.40	91	1911144	49.450	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	2403383	51.033	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	329960	45.746	ug/l	98
82) 4-Chlorotoluene	11.49	91	2284621	50.425	ug/l	99
83) tert-Butylbenzene	11.76	119	2347641	51.034	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	2437807	50.797	ug/l	100
85) sec-Butylbenzene	11.93	105	2771578	52.095	ug/l	100
86) p-Isopropyltoluene	12.05	119	2642815	53.509	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	1390836	52.820	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	1352768	50.436	ug/l	99
89) n-Butylbenzene	12.37	91	2377438	53.267	ug/l	99
90) Hexachloroethane	12.58	117	483157	50.260	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	1319137	51.190	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	225383	42.202	ug/l	96

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ClientSampleId :
VSTDCCC050

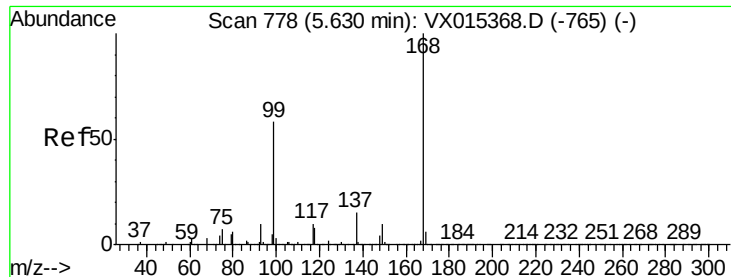
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	1025859	50.328	ug/l	96
94) Hexachlorobutadiene	13.77	225	529540	54.565	ug/l	99
95) Naphthalene	13.82	128	3070159	49.378	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	1072009	54.625	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 777

Delta R.T. -0.01 min

Lab File: VX015584.D

Acq: 09 Apr 2020 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 1138329

Ion Ratio Lower Upper

168 100

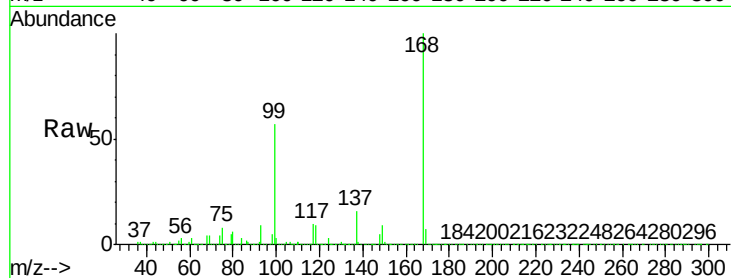
99 57.0 46.4 69.6

Manual Integrations

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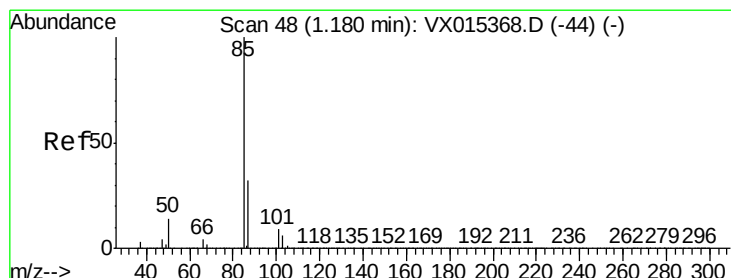
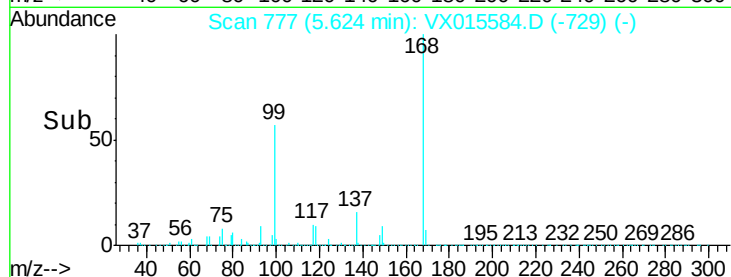
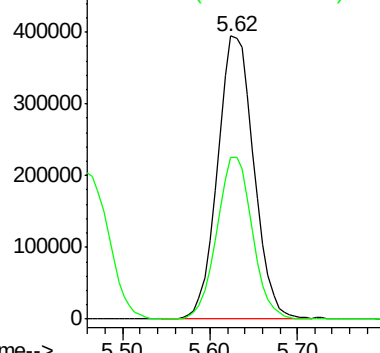
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 48.692 ug/l

RT: 1.18 min Scan# 48

Delta R.T. 0.00 min

Lab File: VX015584.D

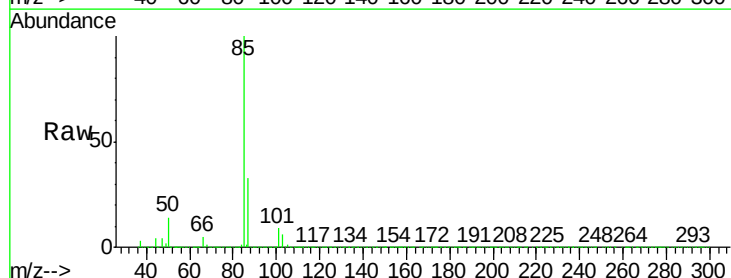
Acq: 09 Apr 2020 10:24

Tgt Ion: 85 Resp: 488324

Ion Ratio Lower Upper

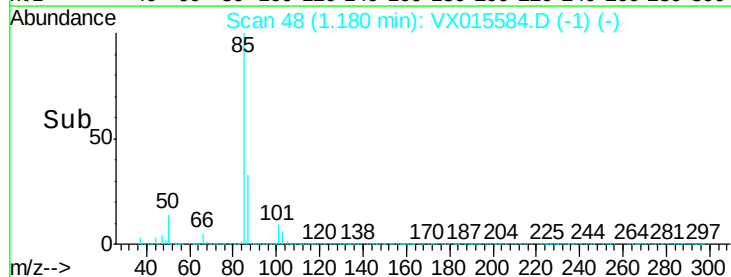
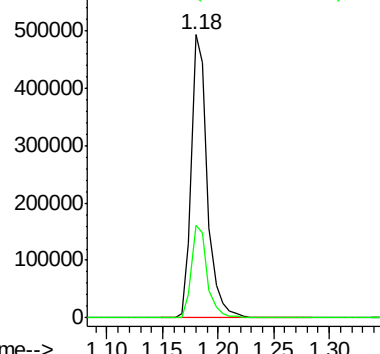
85 100

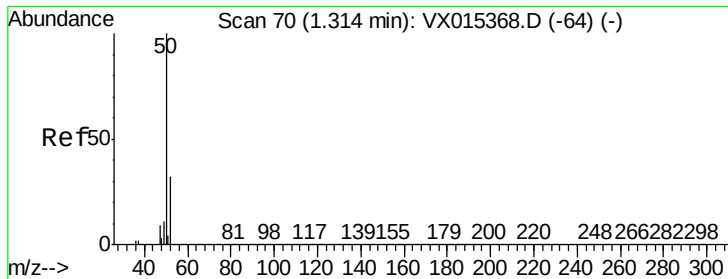
87 32.7 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 43.393 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX015584.D

Acq: 09 Apr 2020 10:24

Tot Ion: 50 Resp: 554200

Ion Ratio Lower Upper

50 100

52 32.1 25.3 37.9

Instrument :

MSVOA_X

ClientSampled :

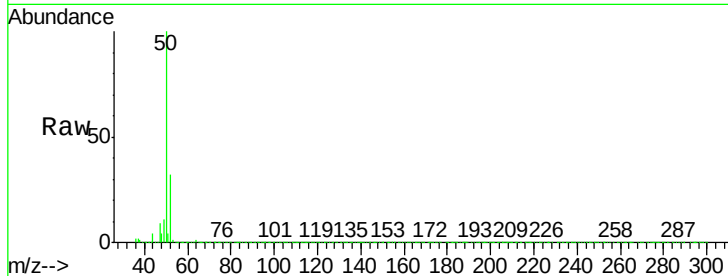
VSTDCCC050

Manual Integrations

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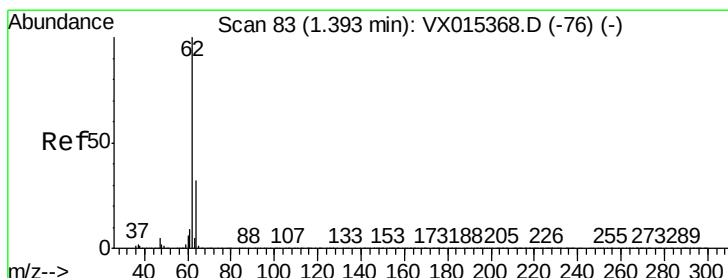
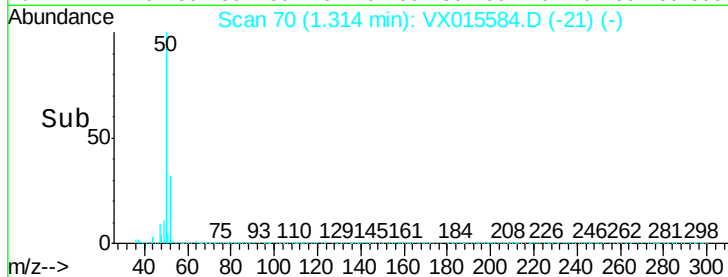
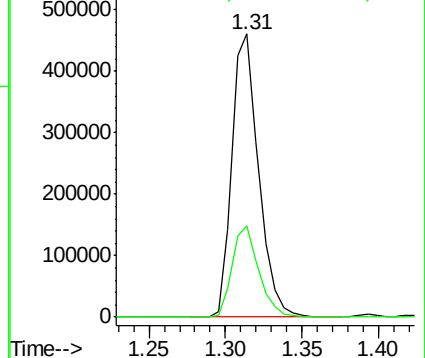
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 47.571 ug/l

RT: 1.39 min Scan# 83

Delta R.T. 0.00 min

Lab File: VX015584.D

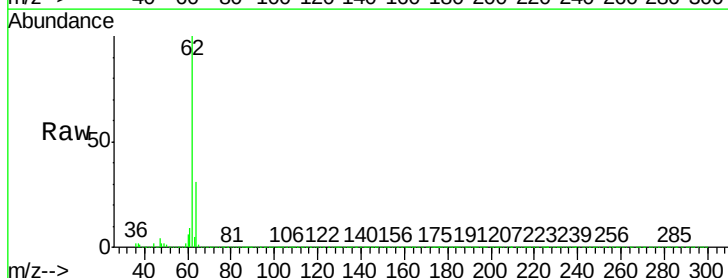
Acq: 09 Apr 2020 10:24

Tgt Ion: 62 Resp: 557876

Ion Ratio Lower Upper

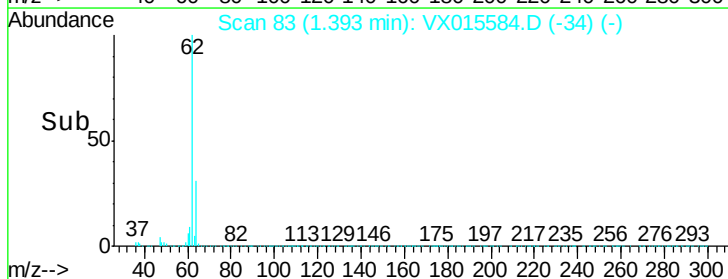
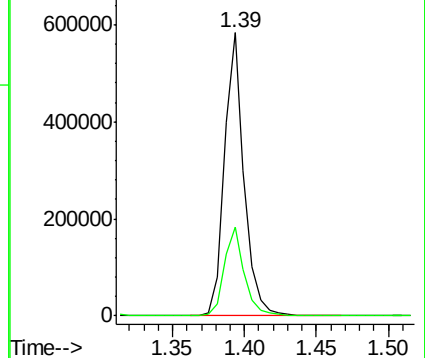
62 100

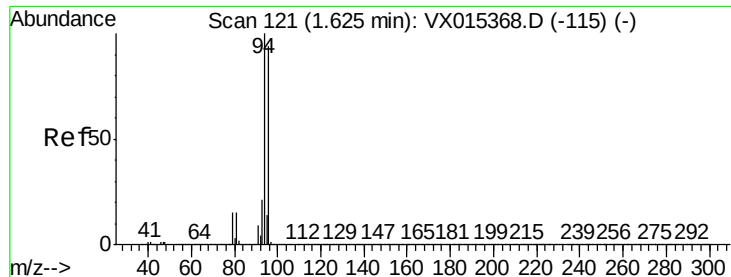
64 31.2 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 46.498 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX015584.D

Acq: 09 Apr 2020 10:24

Tot Ion: 94 Resp: 254423

Ion Ratio Lower Upper

94 100

96 94.8 74.8 112.2

Instrument :

MSVOA_X

ClientSampled :

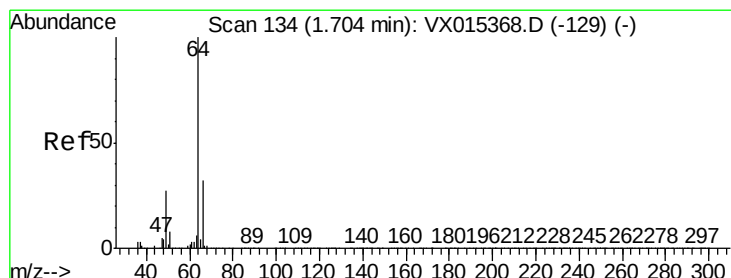
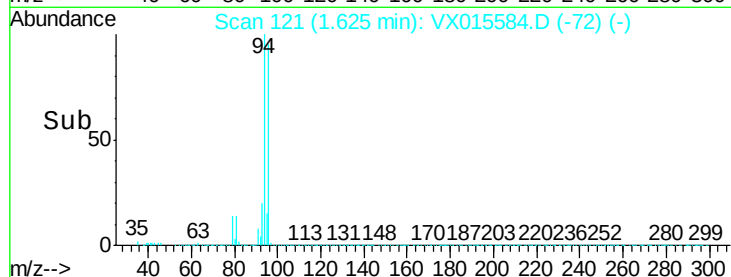
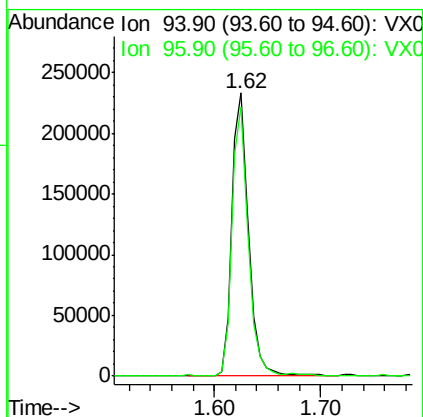
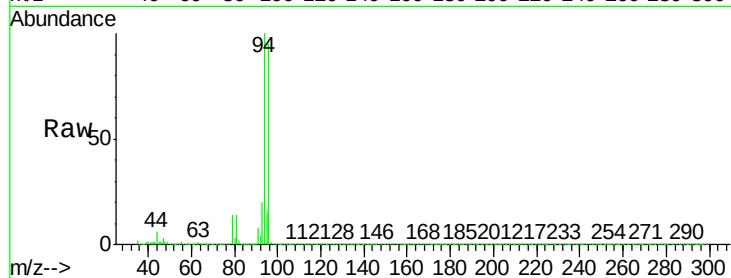
VSTDCCC050

Manual Integrations

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#6

Chloroethane

Concen: 47.998 ug/l

RT: 1.70 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX015584.D

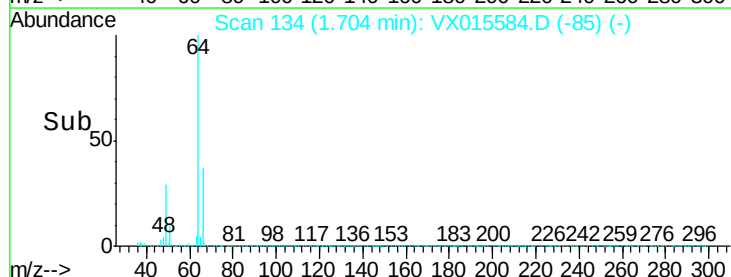
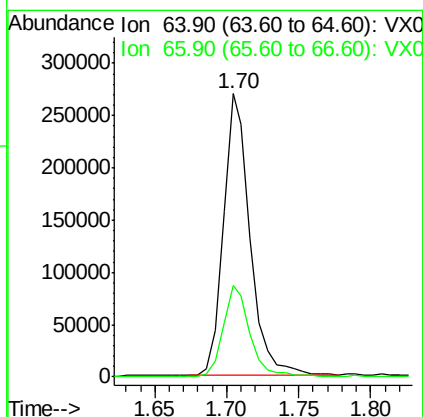
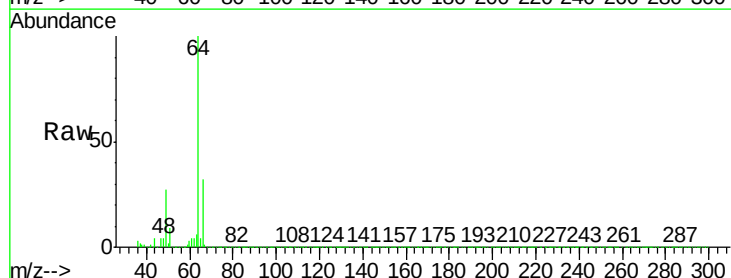
Acq: 09 Apr 2020 10:24

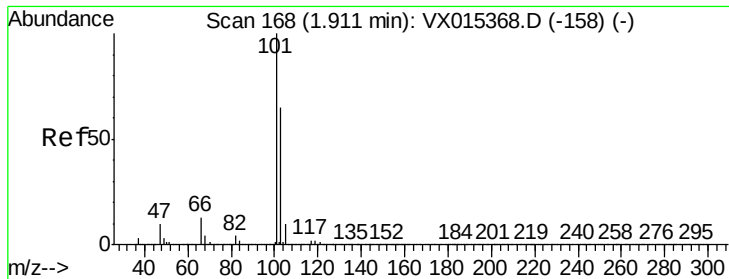
Tgt Ion: 64 Resp: 349101

Ion Ratio Lower Upper

64 100

66 32.4 25.4 38.2





#7

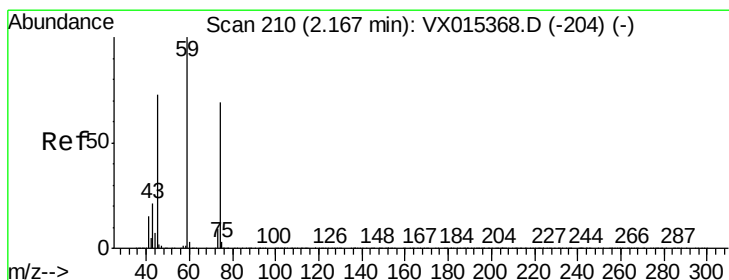
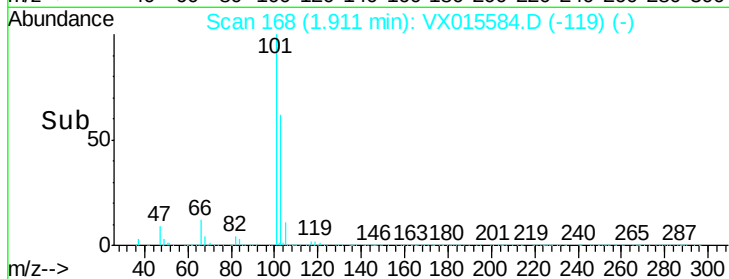
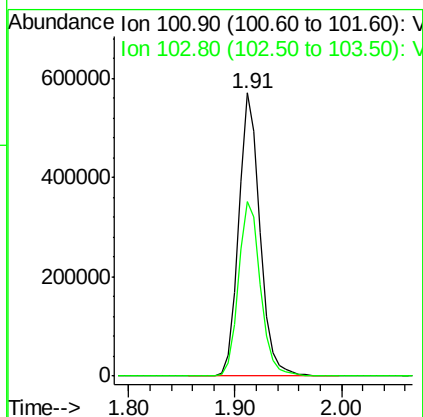
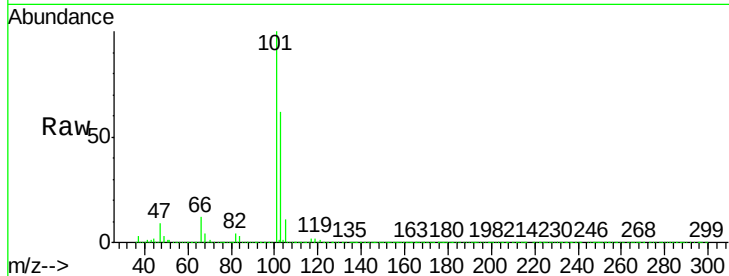
Trichlorofluoromethane
Concen: 50.733 ug/l
RT: 1.91 min Scan# 168
Delta R.T. 0.00 min
Lab File: VX015584.D
Acq: 09 Apr 2020 10:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	61.8	52.3	78.5

Manual Integrations
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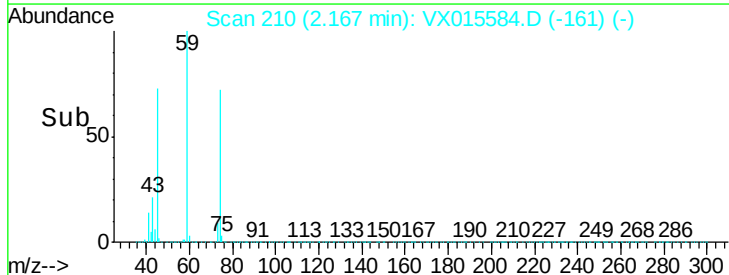
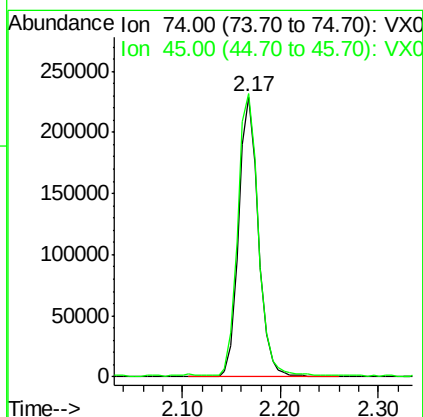
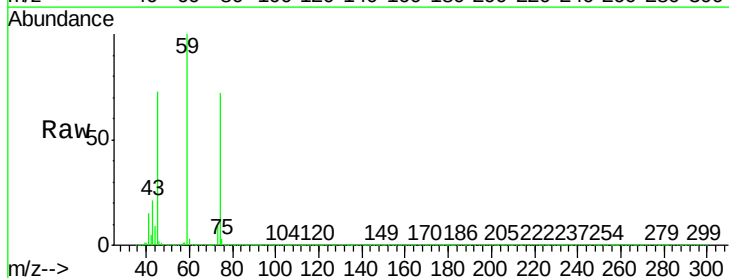
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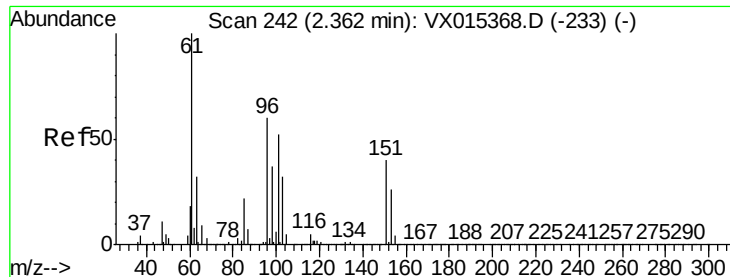


#8

Diethyl Ether
Concen: 48.384 ug/l
RT: 2.17 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX015584.D
Acq: 09 Apr 2020 10:24

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.6	53.8	161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.631 ug/l

RT: 2.36 min Scan# 242

Delta R.T. 0.00 min

Lab File: VX015584.D

Acq: 09 Apr 2020 10:24

Instrument :

MSVOA_X

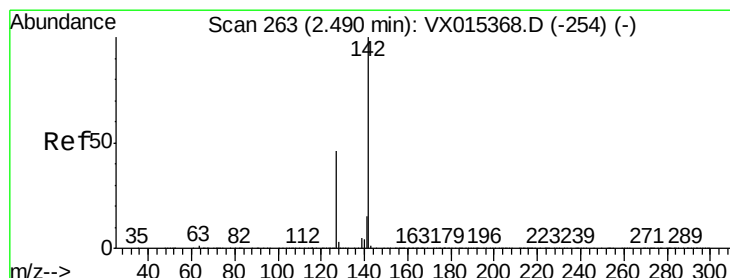
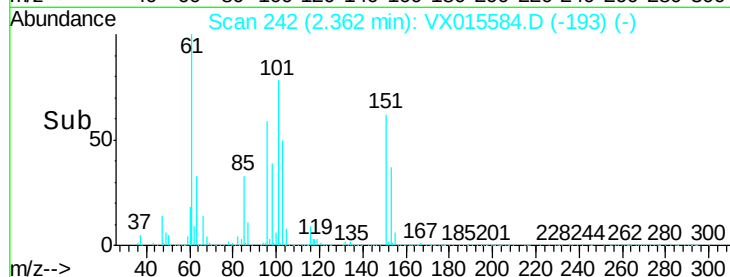
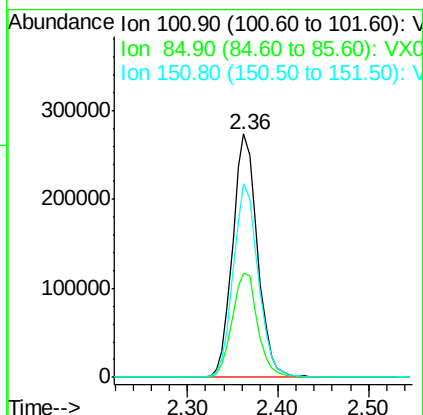
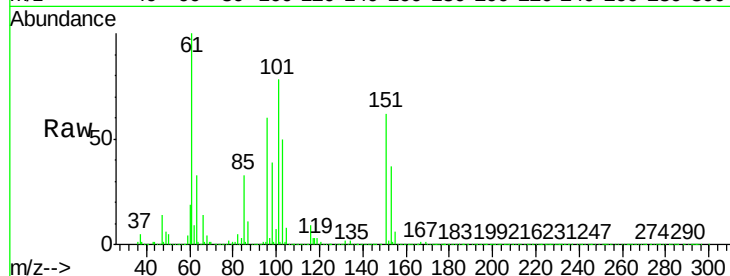
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	519100
Ion Ratio	Lower	Upper	
101	100		
85	43.7	35.0	52.4
151	79.6	64.1	96.1

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#10

Methyl Iodide

Concen: 43.466 ug/l

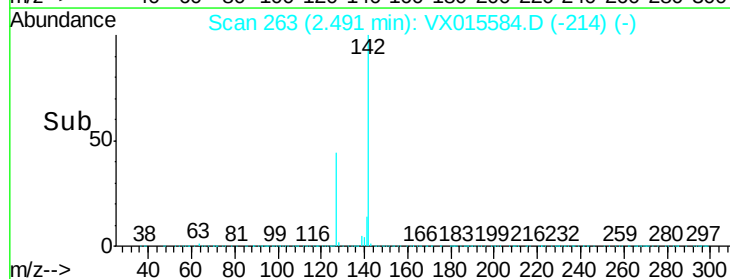
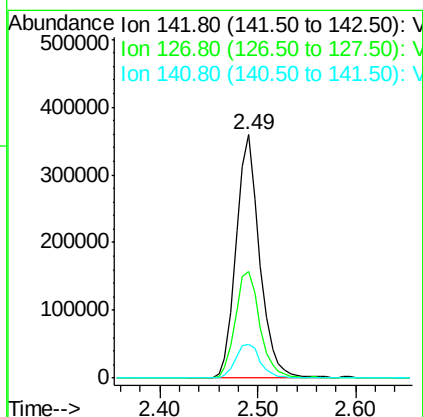
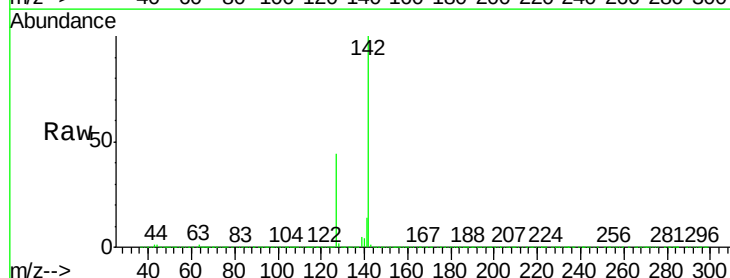
RT: 2.49 min Scan# 263

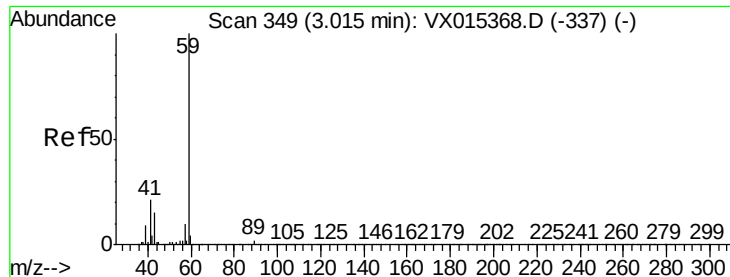
Delta R.T. 0.00 min

Lab File: VX015584.D

Acq: 09 Apr 2020 10:24

Tgt Ion:	142	Resp:	600837
Ion Ratio	Lower	Upper	
142	100		
127	45.9	35.9	53.9
141	14.8	11.6	17.4





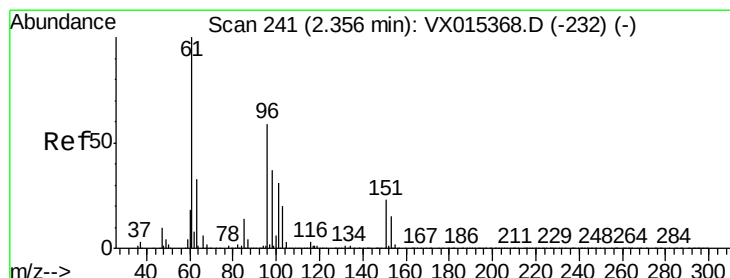
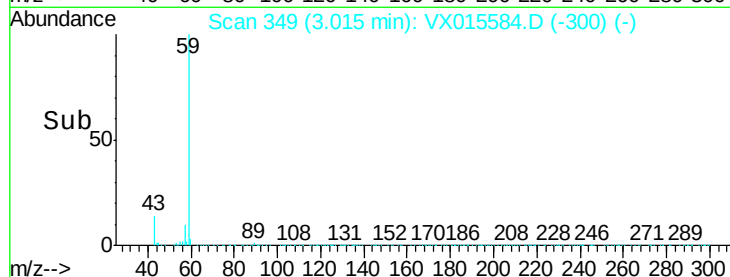
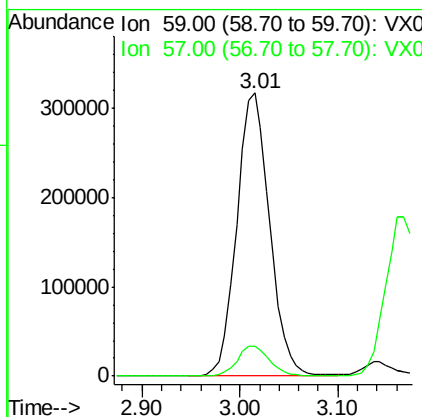
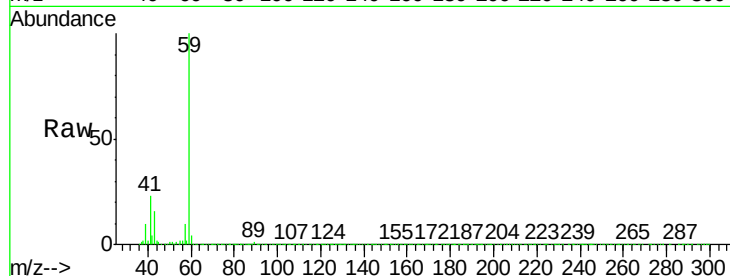
#11
Tert butyl alcohol
Concen: 191.313 ug/l
RT: 3.01 min Scan# 349
Delta R.T. 0.00 min
Lab File: VX015584.D
Acq: 09 Apr 2020 10:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.1	12.1

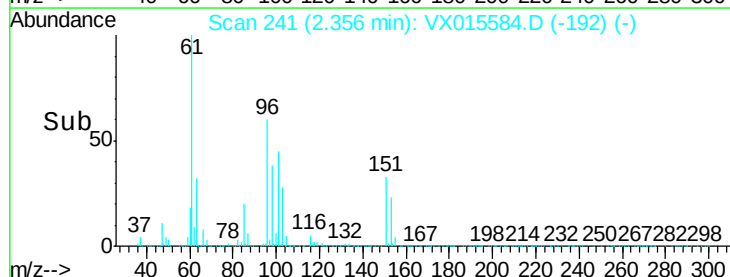
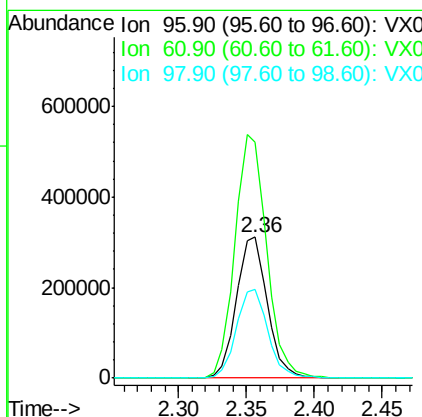
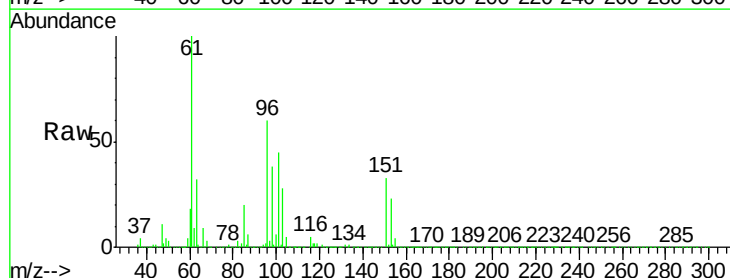
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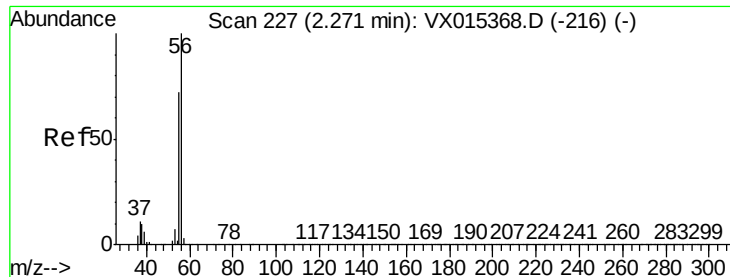
sam
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#12
1,1-Dichloroethene
Concen: 45.905 ug/l
RT: 2.36 min Scan# 241
Delta R.T. 0.00 min
Lab File: VX015584.D
Acq: 09 Apr 2020 10:24

Tgt Ion	Ratio	Lower	Upper
96	100		
61	167.2	135.7	203.5
98	62.8	50.6	75.8





#13

Acrolein

Concen: 160.959 ug/l

RT: 2.27 min Scan# 227

Delta R.T. 0.00 min

Lab File: VX015584.D

Acq: 09 Apr 2020 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 352346

Ion Ratio Lower Upper

56 100

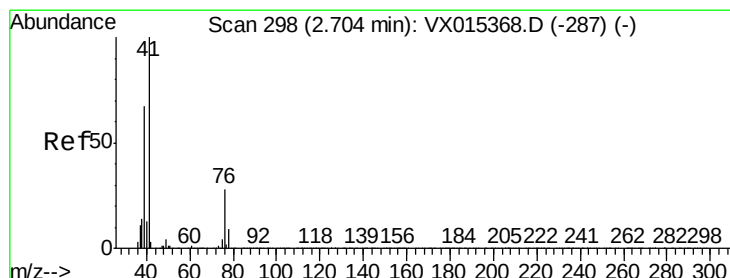
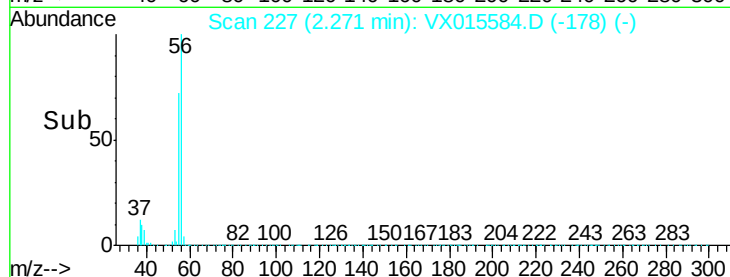
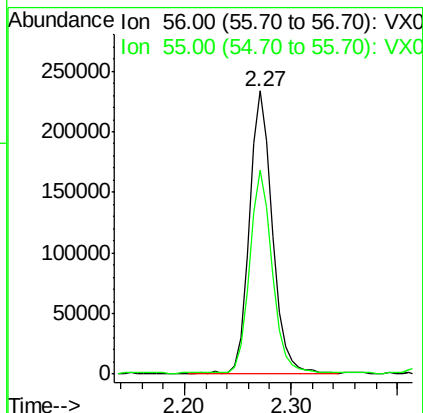
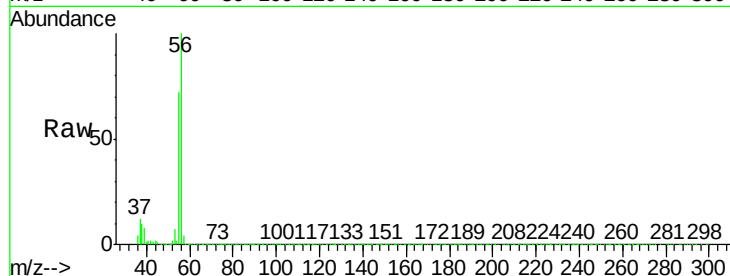
55 70.5 57.0 85.4

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#14

Allyl chloride

Concen: 43.610 ug/l

RT: 2.70 min Scan# 298

Delta R.T. 0.00 min

Lab File: VX015584.D

Acq: 09 Apr 2020 10:24

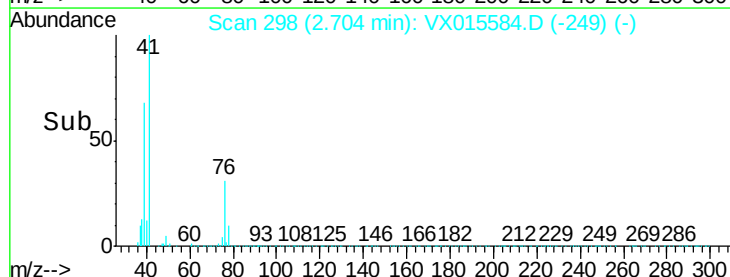
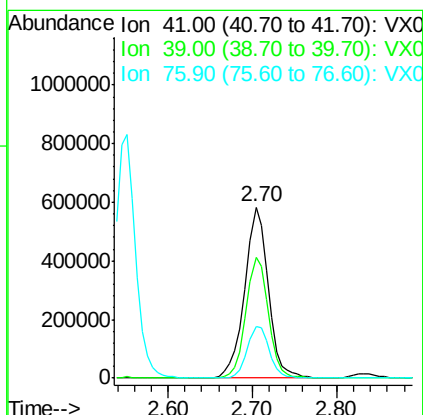
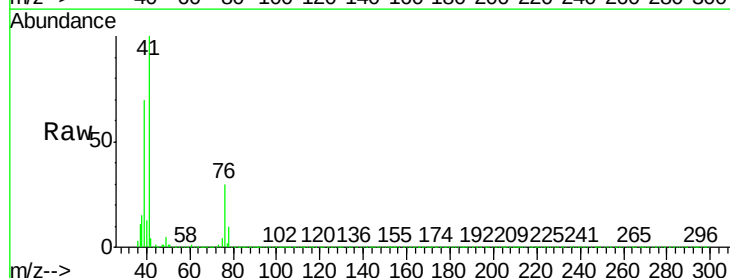
Tgt Ion: 41 Resp: 1095113

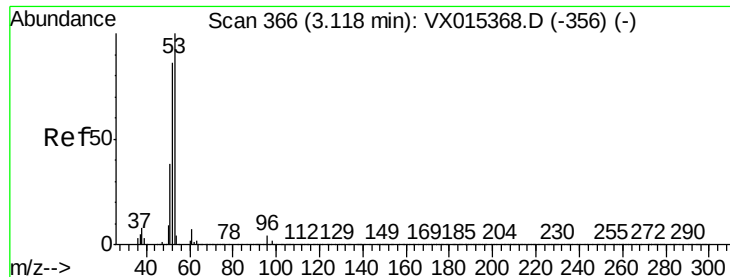
Ion Ratio Lower Upper

41 100

39 67.3 51.4 77.0

76 28.3 21.8 32.8





#15

Acrylonitrile

Concen: 214.234 ug/l

RT: 3.11 min Scan# 365

Delta R.T. -0.01 min

Lab File: VX015584.D

Acq: 09 Apr 2020 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 53 Resp: 1570025

Ion Ratio Lower Upper

53 100

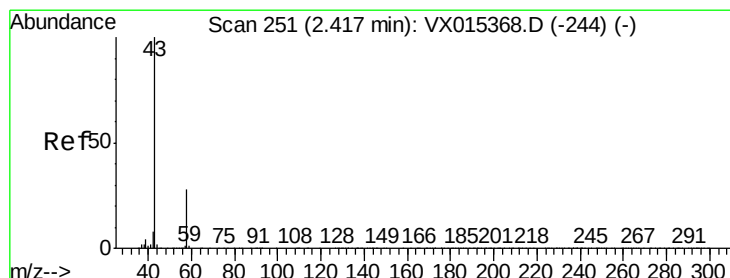
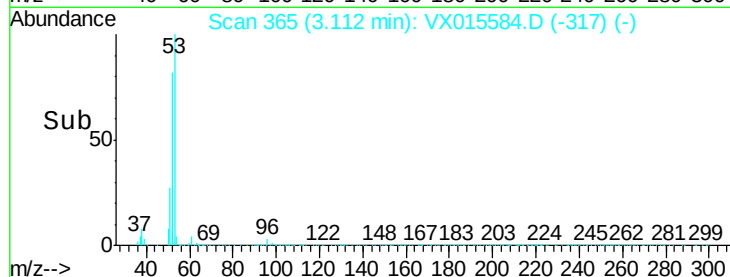
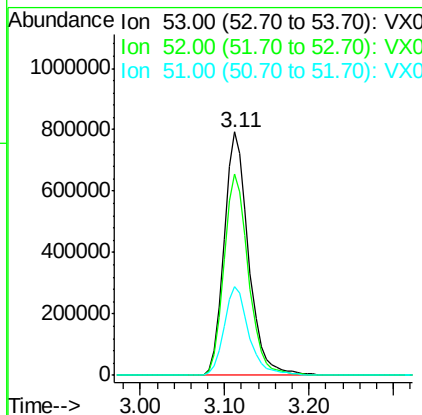
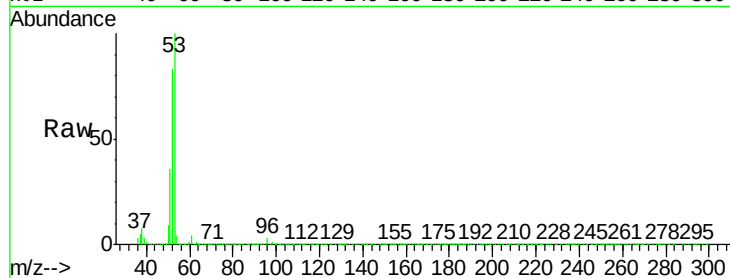
52 83.2 66.8 100.2

51 36.8 29.5 44.3

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#16

Acetone

Concen: 282.719 ug/l

RT: 2.42 min Scan# 251

Delta R.T. 0.00 min

Lab File: VX015584.D

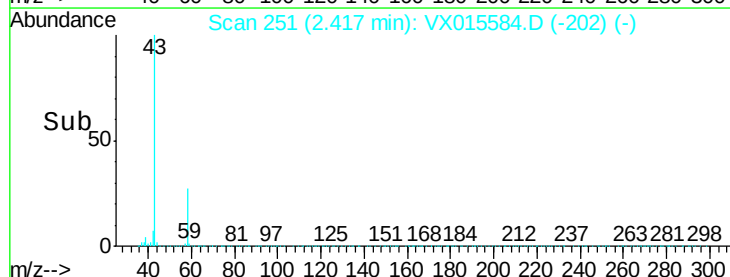
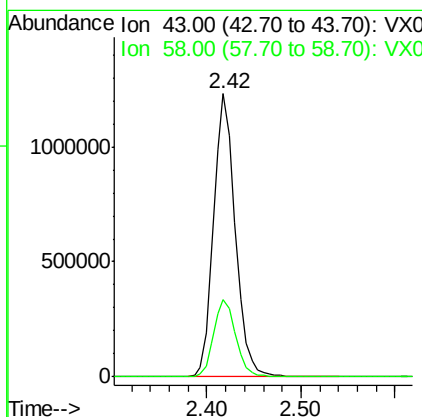
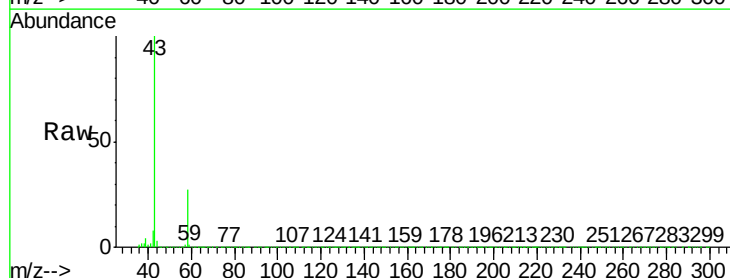
Acq: 09 Apr 2020 10:24

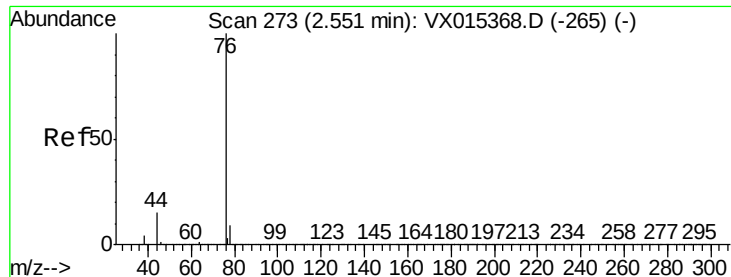
Tgt Ion: 43 Resp: 1950069

Ion Ratio Lower Upper

43 100

58 27.3 22.1 33.1





#17

Carbon Disulfide

Concen: 42.234 ug/l

RT: 2.55 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX015584.D

Acq: 09 Apr 2020 10:24

Tot Ion: 76 Resp: 1384631

Ion Ratio Lower Upper

76 100

78 9.1 7.1 10.7

Instrument :

MSVOA_X

ClientSampleId :

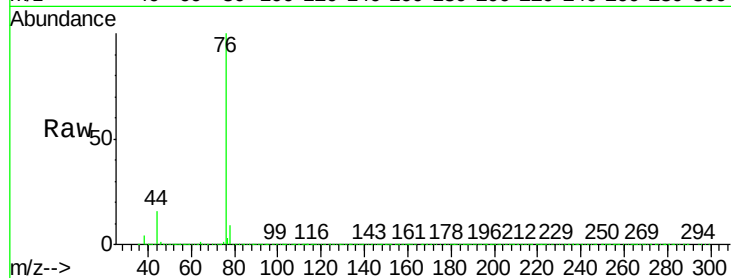
VSTDCCC050

Manual Integrations

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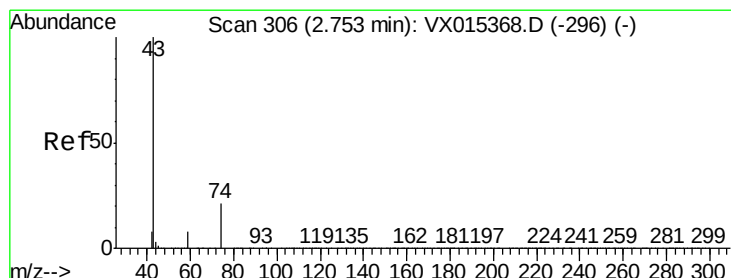
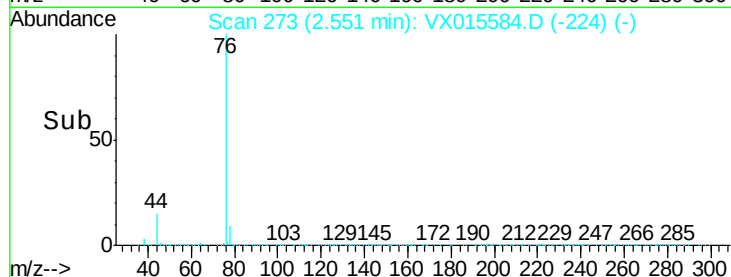
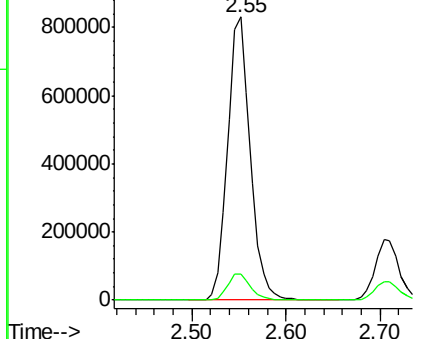
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 43.161 ug/l

RT: 2.75 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX015584.D

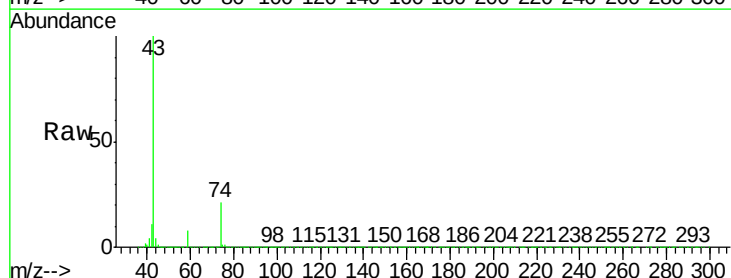
Acq: 09 Apr 2020 10:24

Tgt Ion: 43 Resp: 759829

Ion Ratio Lower Upper

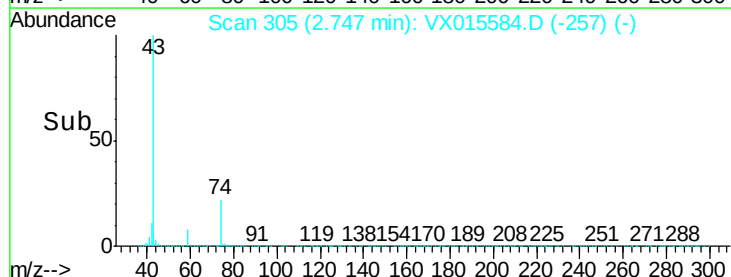
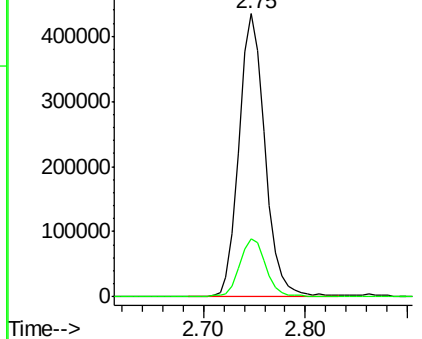
43 100

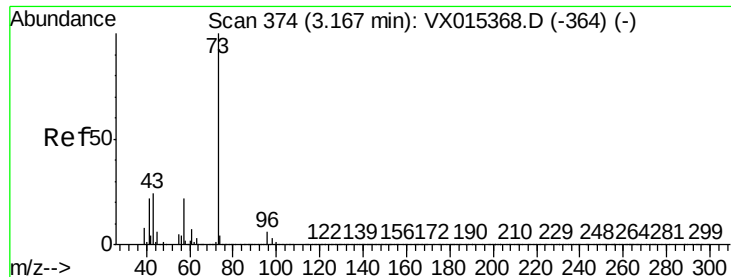
74 21.3 16.5 24.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





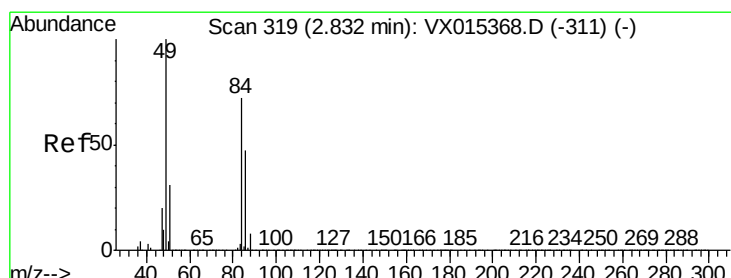
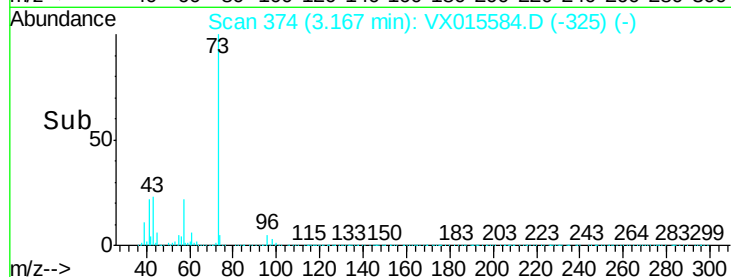
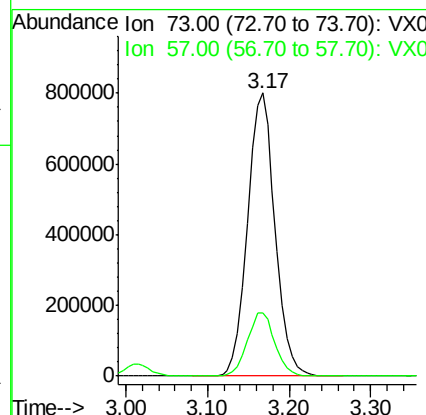
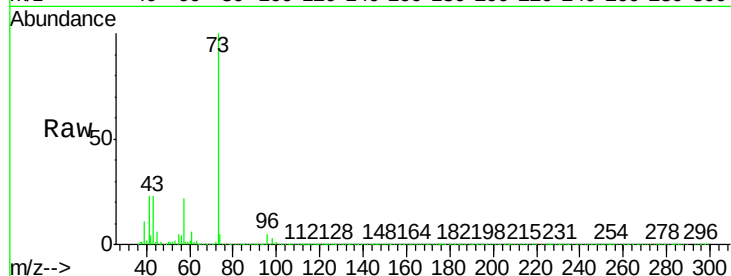
#19
Methyl tert-butyl Ether
Concen: 44.701 ug/l
RT: 3.17 min Scan# 374
Delta R.T. 0.00 min
Lab File: VX015584.D
Acq: 09 Apr 2020 10:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 1863195
Ion Ratio Lower Upper
73 100
57 22.3 17.9 26.9

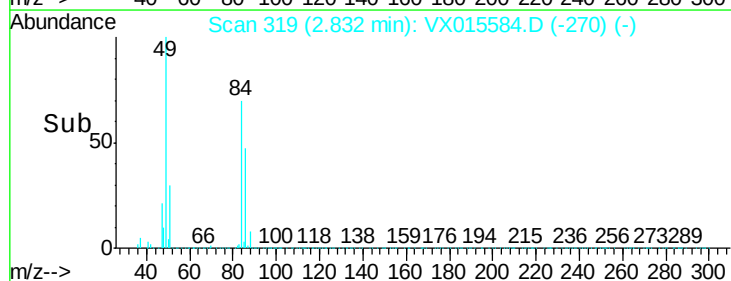
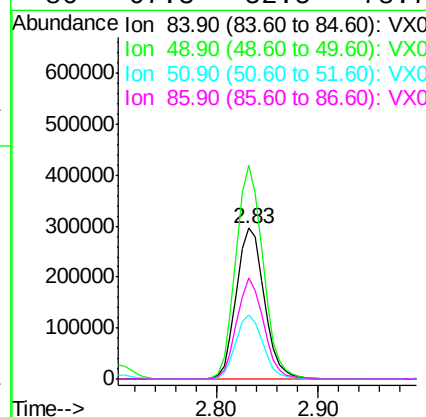
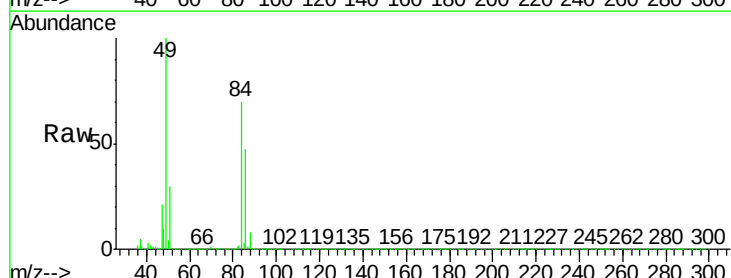
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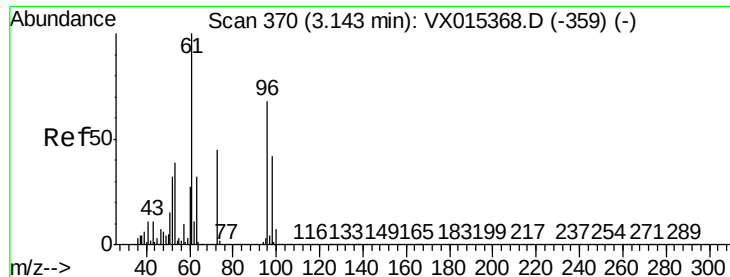
sam
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#20
Methylene Chloride
Concen: 43.476 ug/l
RT: 2.83 min Scan# 319
Delta R.T. 0.00 min
Lab File: VX015584.D
Acq: 09 Apr 2020 10:24

Tgt Ion: 84 Resp: 560129
Ion Ratio Lower Upper
84 100
49 142.0 111.3 166.9
51 42.1 34.0 51.0
86 67.3 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 45.402 ug/l

RT: 3.14 min Scan# 370

Delta R.T. 0.00 min

Lab File: VX015584.D

Acq: 09 Apr 2020 10:24

Instrument :

MSVOA_X

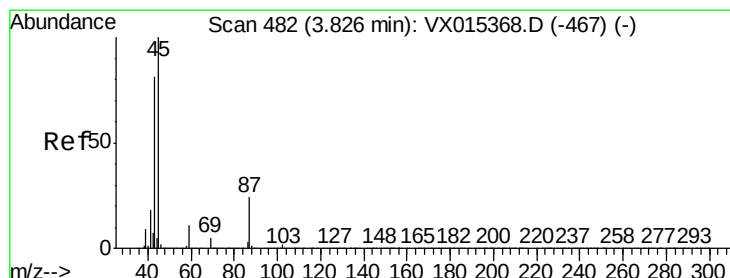
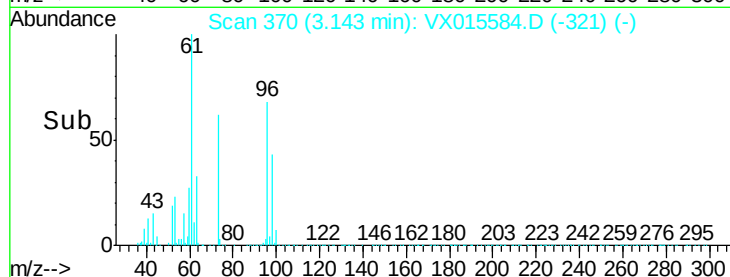
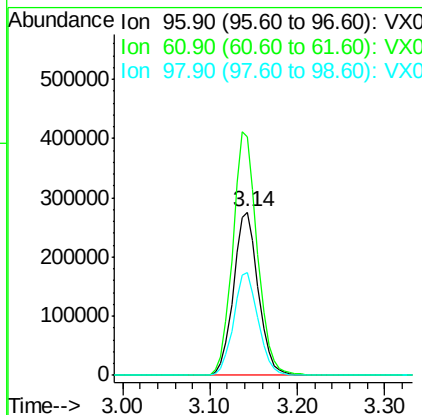
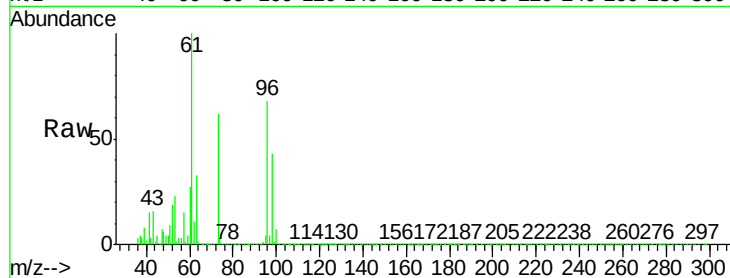
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	541521
Ion Ratio	Lower	Upper	
96	100		
61	146.3	116.9	175.3
98	63.3	48.6	73.0

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#22

Diisopropyl ether

Concen: 45.996 ug/l

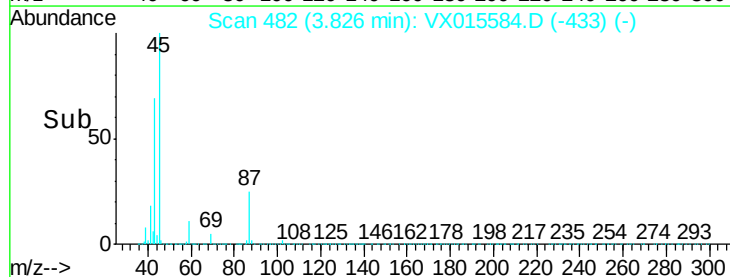
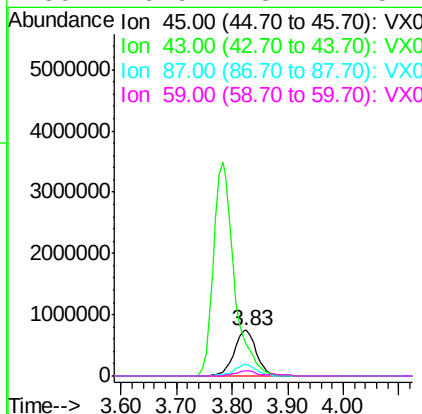
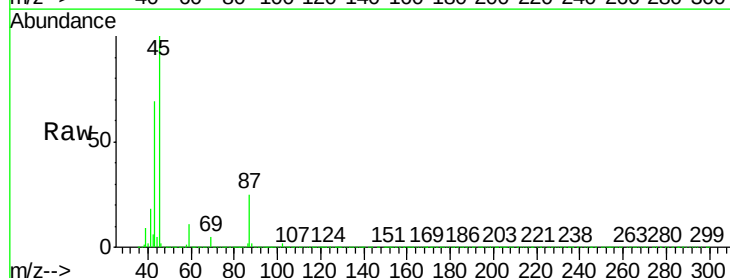
RT: 3.83 min Scan# 482

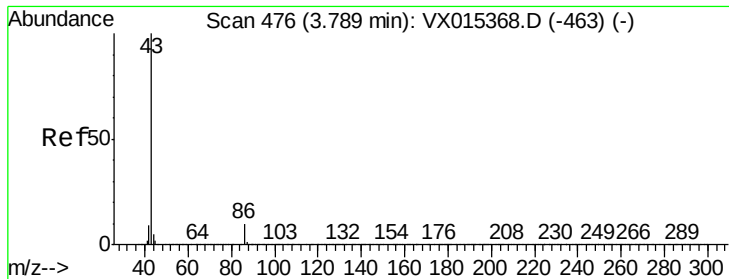
Delta R.T. 0.00 min

Lab File: VX015584.D

Acq: 09 Apr 2020 10:24

Tgt Ion:	45	Resp:	2046683
Ion Ratio	Lower	Upper	
45	100		
43	69.0	64.7	97.1
87	25.1	19.4	29.0
59	10.9	8.7	13.1





#23

Vinyl Acetate

Concen: 223.752 ug/l

RT: 3.78 min Scan# 475

Delta R.T. -0.01 min

Lab File: VX015584.D

Acq: 09 Apr 2020 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 9014508

Ion Ratio Lower Upper

43 100

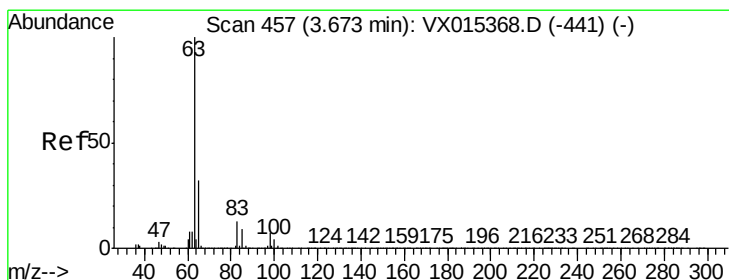
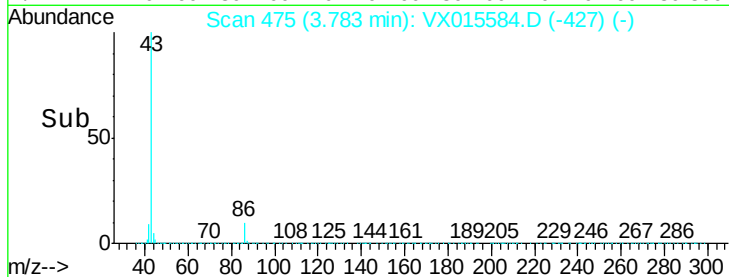
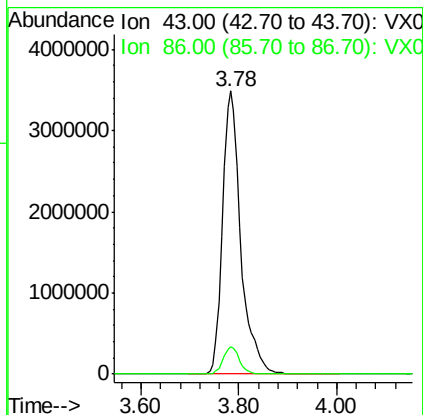
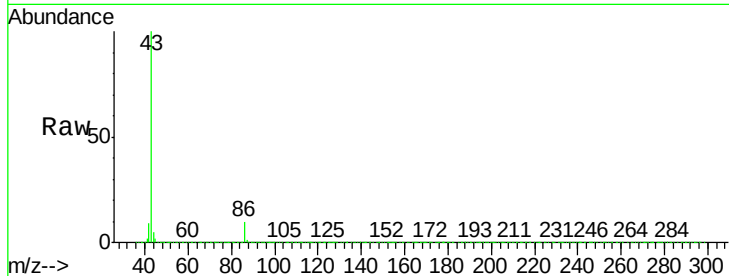
86 9.5 7.8 11.6

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#24

1,1-Dichloroethane

Concen: 44.658 ug/l

RT: 3.67 min Scan# 456

Delta R.T. -0.01 min

Lab File: VX015584.D

Acq: 09 Apr 2020 10:24

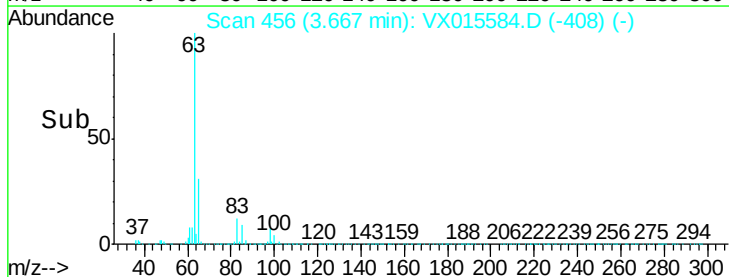
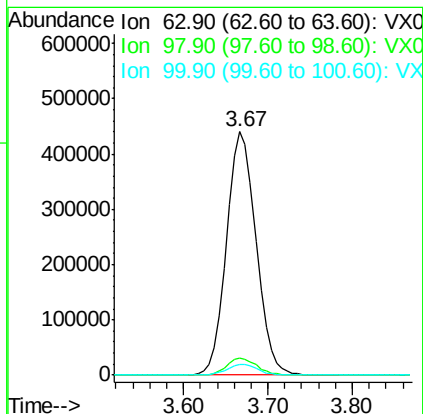
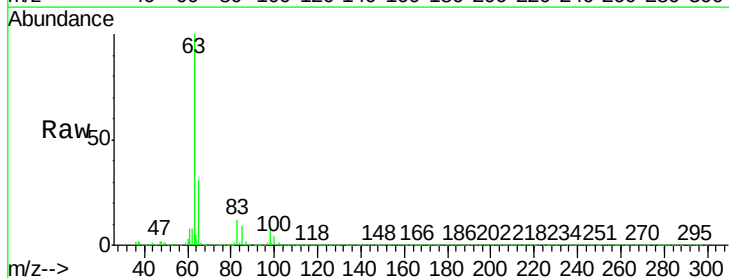
Tgt Ion: 63 Resp: 1046267

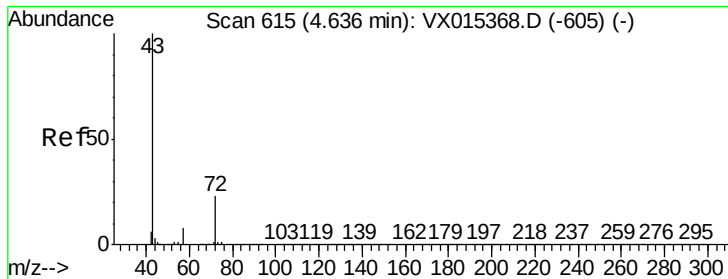
Ion Ratio Lower Upper

63 100

98 6.8 3.3 9.8

100 4.2 2.1 6.5





#25

2-Butanone

Concen: 234.195 ug/l

RT: 4.63 min Scan# 614

Delta R.T. -0.01 min

Lab File: VX015584.D

Acq: 09 Apr 2020 10:24

Tot Ion: 43 Resp: 2597861

Ion Ratio Lower Upper

43 100

72 22.5 19.0 28.4

Instrument :

MSVOA_X

ClientSampleId :

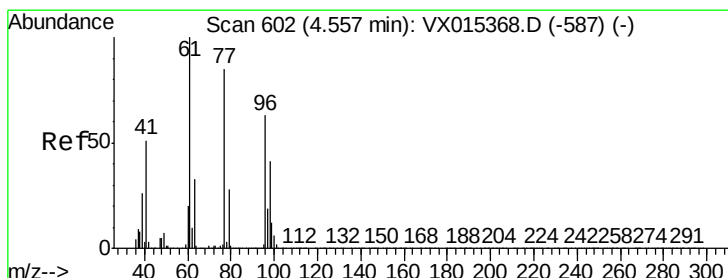
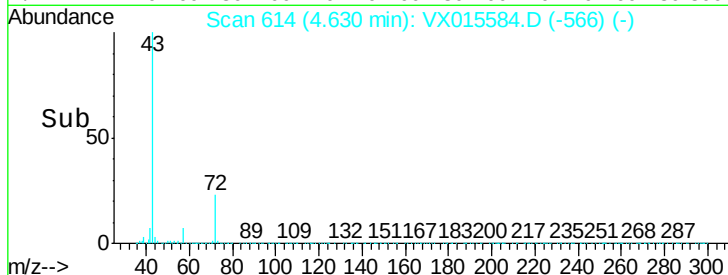
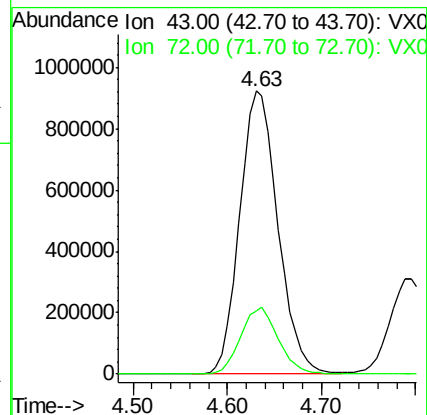
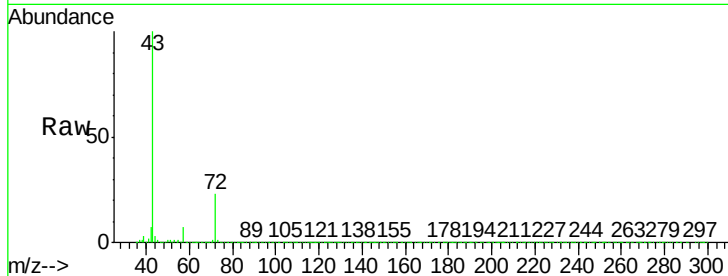
VSTDCCC050

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 50.646 ug/l

RT: 4.55 min Scan# 601

Delta R.T. -0.01 min

Lab File: VX015584.D

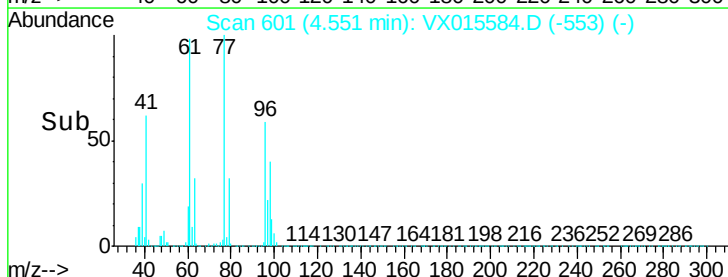
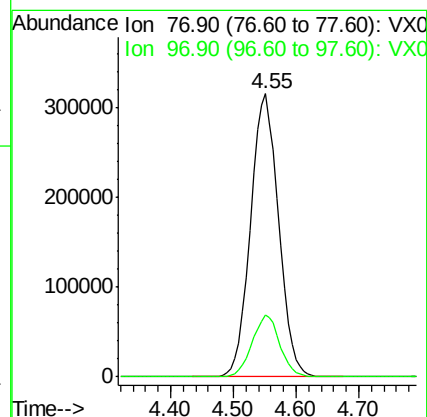
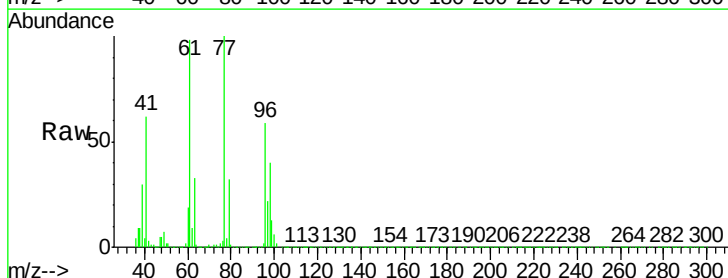
Acq: 09 Apr 2020 10:24

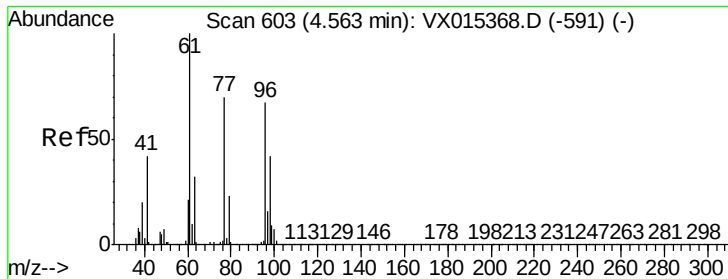
Tgt Ion: 77 Resp: 973939

Ion Ratio Lower Upper

77 100

97 21.3 11.3 33.8





#27

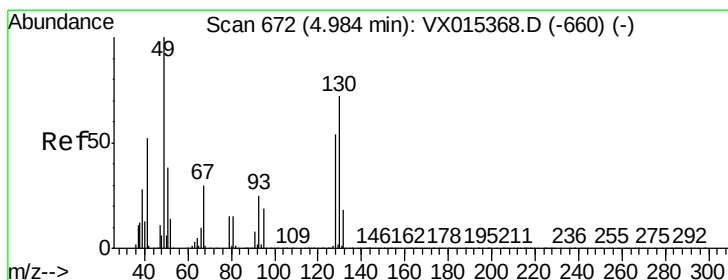
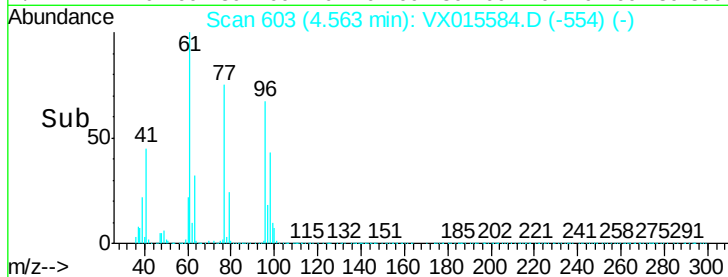
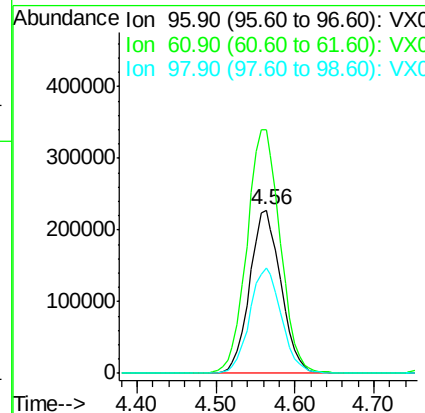
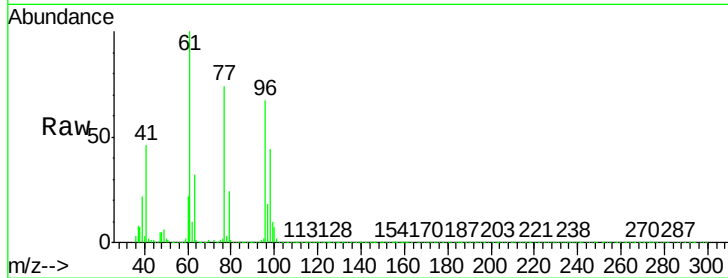
cis-1,2-Dichloroethene
Concen: 45.263 ug/l
RT: 4.56 min Scan# 603
Delta R.T. 0.00 min
Lab File: VX015584.D
Acq: 09 Apr 2020 10:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	159.4	0.0	308.4	
98	65.5	0.0	129.2	

Manual Integrations
APPROVED

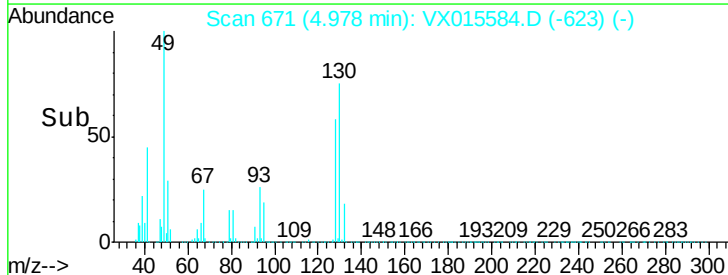
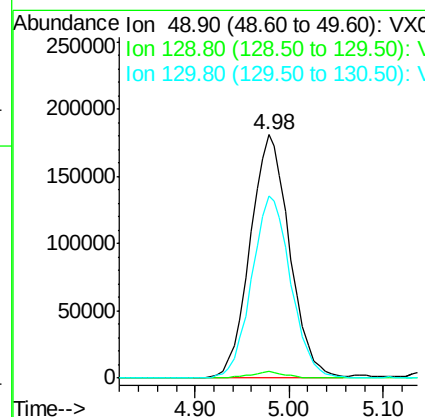
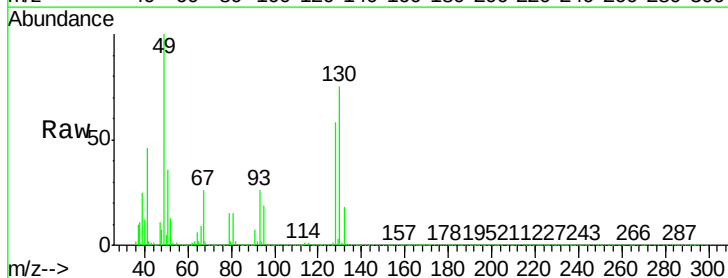
sam
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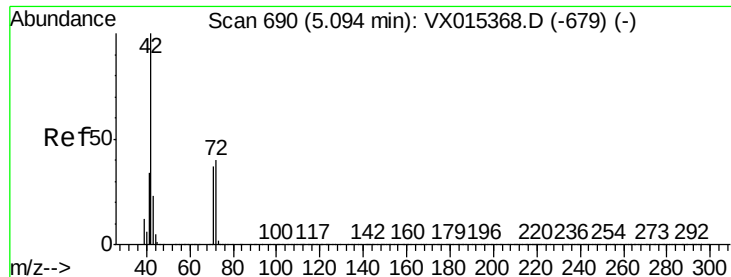


#28

Bromochloromethane
Concen: 46.973 ug/l
RT: 4.98 min Scan# 671
Delta R.T. -0.01 min
Lab File: VX015584.D
Acq: 09 Apr 2020 10:24

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.5	0.0	4.4	
130	74.9	57.7	86.5	





#29

Tetrahydrofuran

Concen: 208.049 ug/l

RT: 5.09 min Scan# 689

Delta R.T. -0.01 min

Lab File: VX015584.D

Acq: 09 Apr 2020 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 42 Resp: 1483644

Ion Ratio Lower Upper

42 100

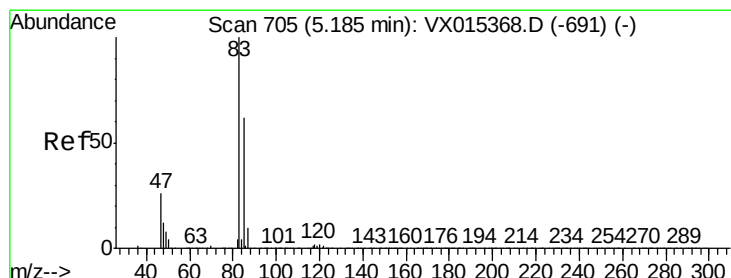
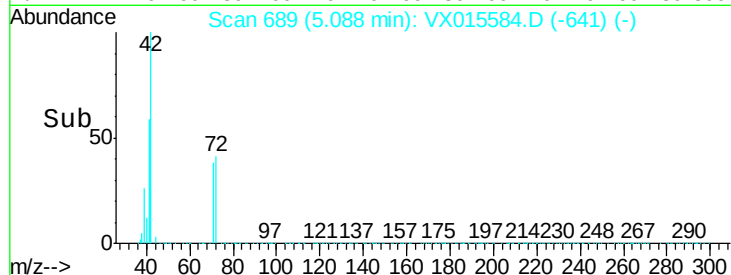
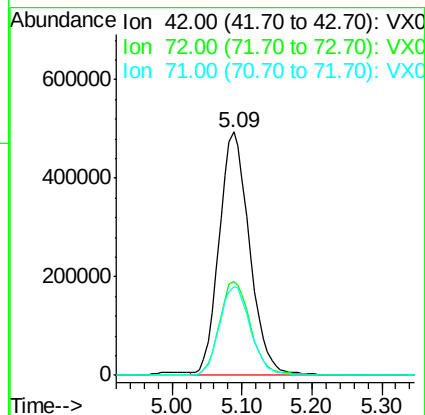
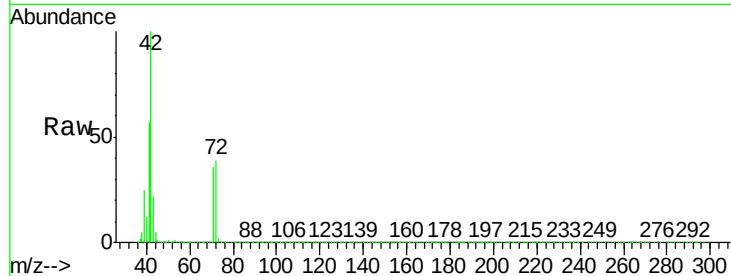
72 39.8 31.7 47.5

71 37.2 29.6 44.4

Manual Integrations
APPROVED

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#30

Chloroform

Concen: 45.650 ug/l

RT: 5.18 min Scan# 704

Delta R.T. -0.01 min

Lab File: VX015584.D

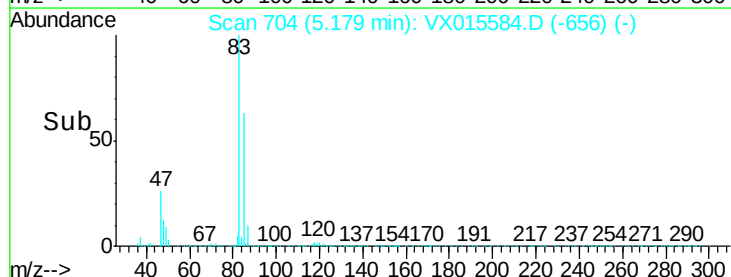
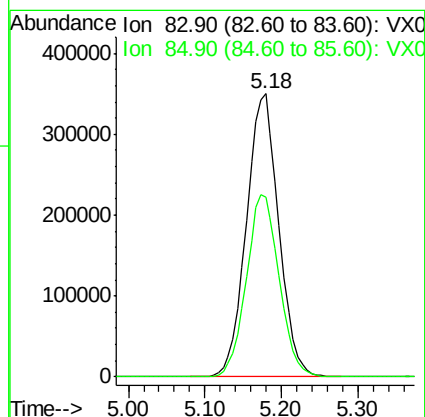
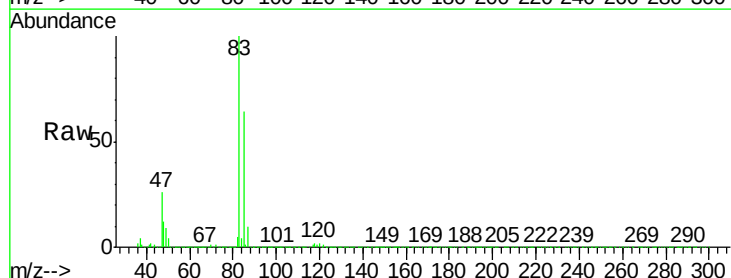
Acq: 09 Apr 2020 10:24

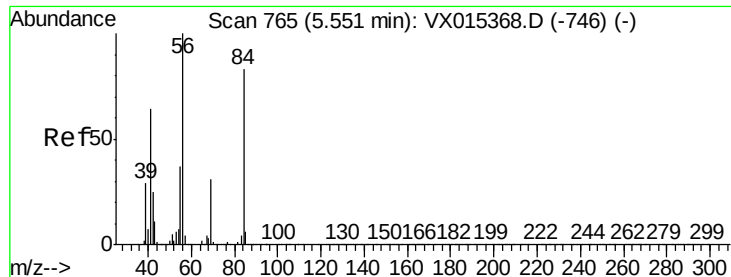
Tgt Ion: 83 Resp: 1028949

Ion Ratio Lower Upper

83 100

85 63.4 49.5 74.3





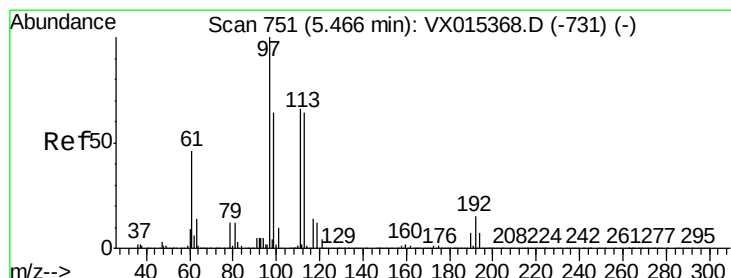
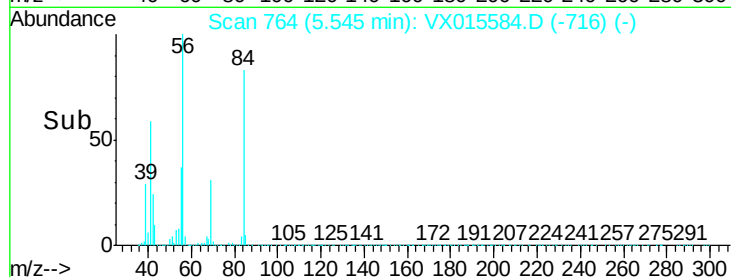
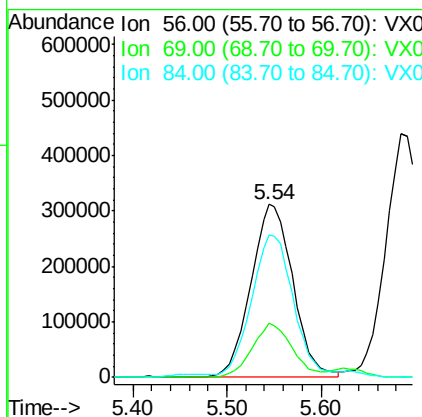
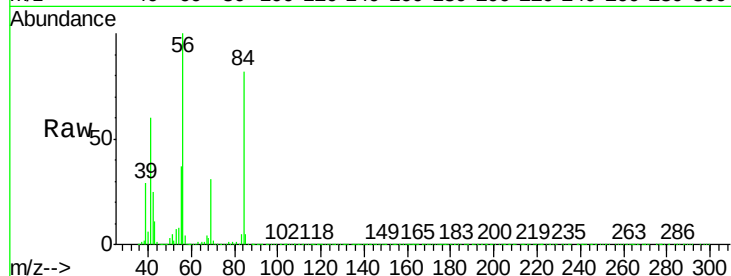
#31
Cyclohexane
Concen: 47.538 ug/l
RT: 5.54 min Scan# 764
Delta R.T. -0.01 min
Lab File: VX015584.D
Acq: 09 Apr 2020 10:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.0	24.6	36.8
84	80.8	66.1	99.1

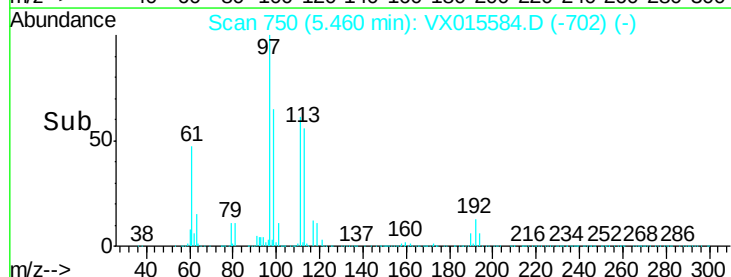
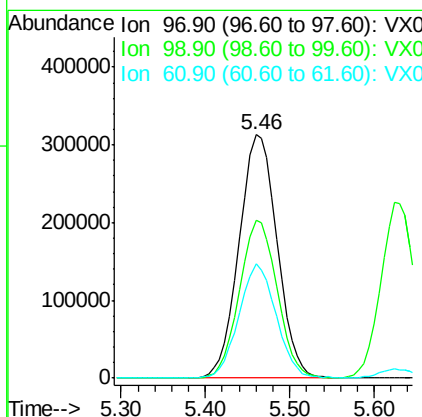
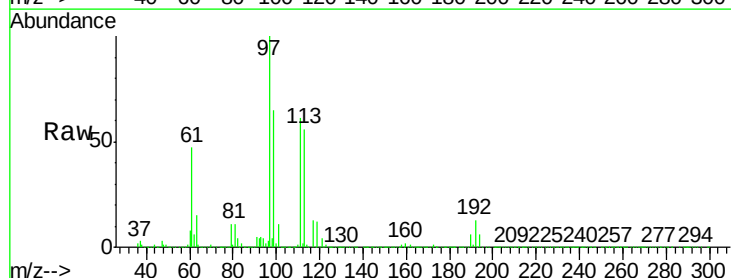
Manual Integrations
APPROVED

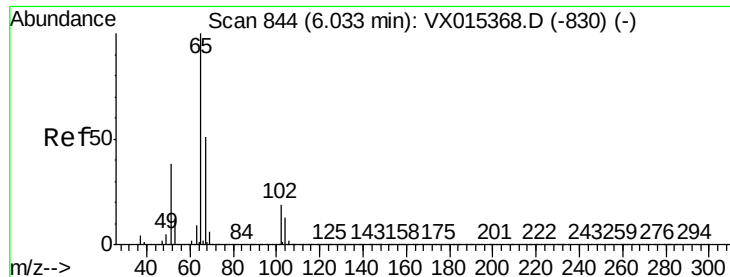
sam
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#32
1,1,1-Trichloroethane
Concen: 46.946 ug/l
RT: 5.46 min Scan# 750
Delta R.T. -0.01 min
Lab File: VX015584.D
Acq: 09 Apr 2020 10:24

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.0	76.4
61	45.7	36.1	54.1





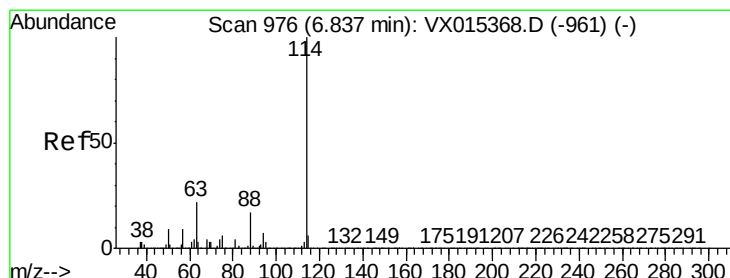
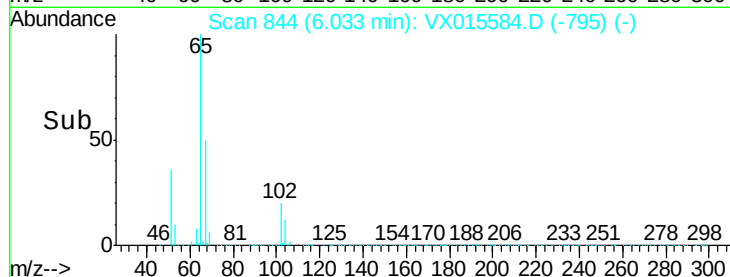
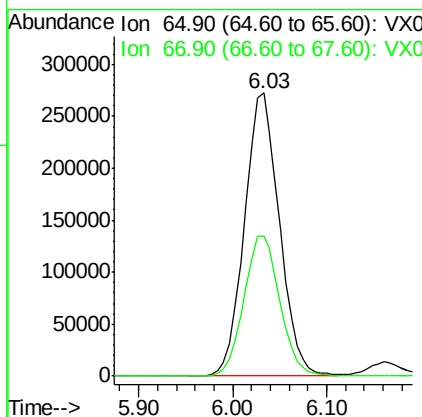
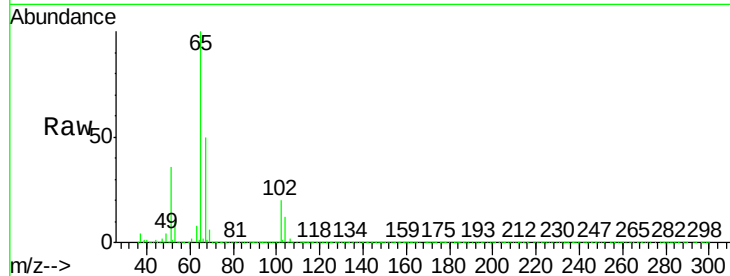
#33
 1,2-Dichloroethane-d4
 Concen: 43.969 ug/l
 RT: 6.03 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: VX015584.D
 Acq: 09 Apr 2020 10:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	102.6

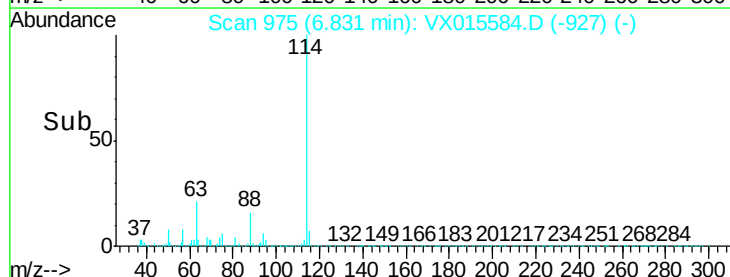
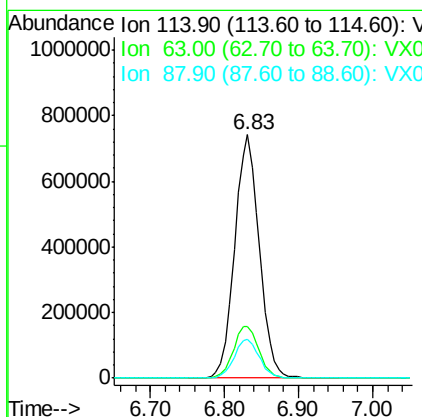
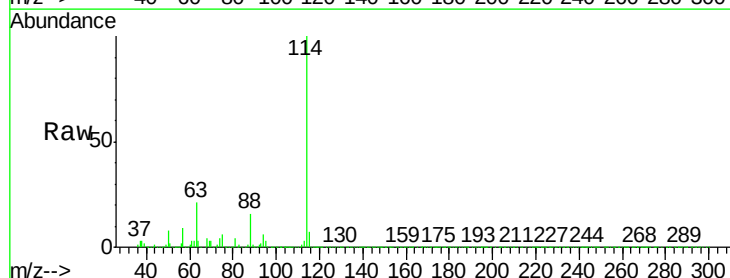
Manual Integrations
 APPROVED

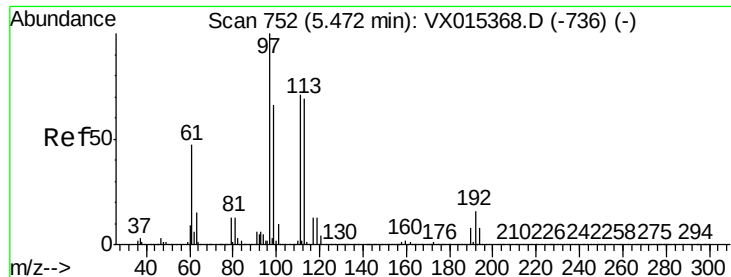
sam
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: VX015584.D
 Acq: 09 Apr 2020 10:24

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	44.2
88	15.8	0.0	33.8





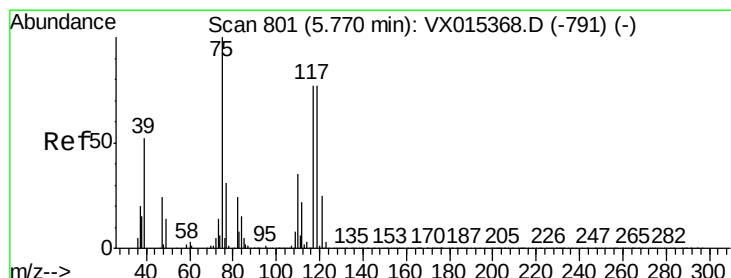
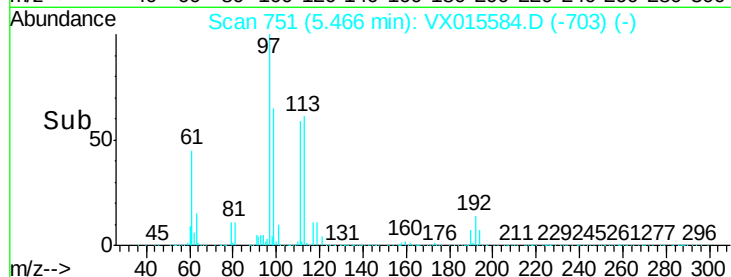
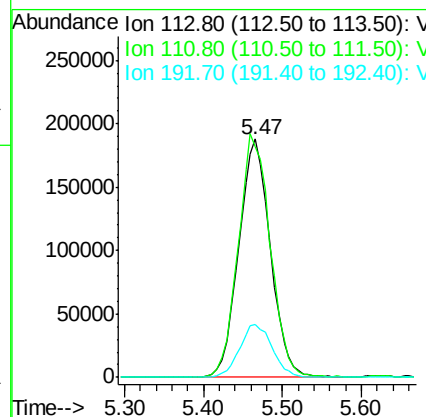
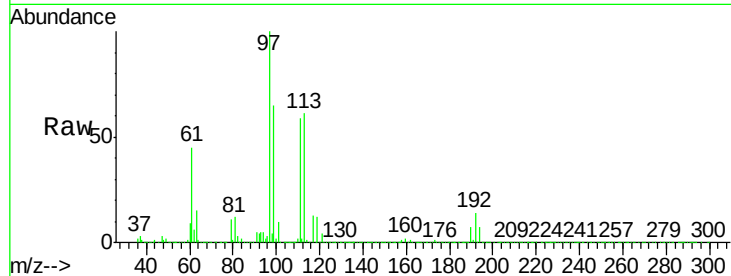
#35
 Dibromofluoromethane
 Concen: 47.639 ug/l
 RT: 5.47 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: VX015584.D
 Acq: 09 Apr 2020 10:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	521928		
111	103.3	81.5	122.3	
192	23.1	17.8	26.6	

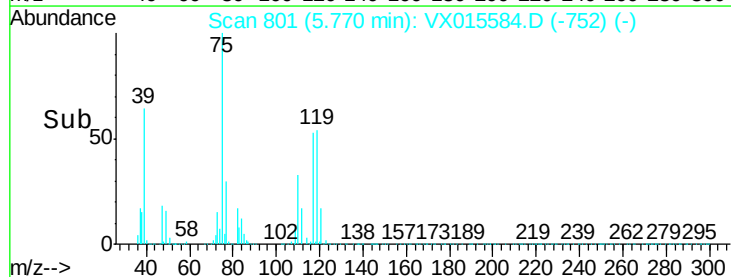
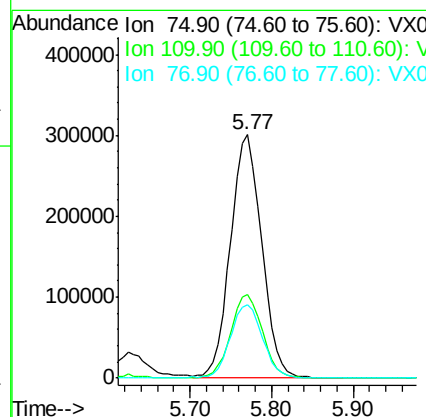
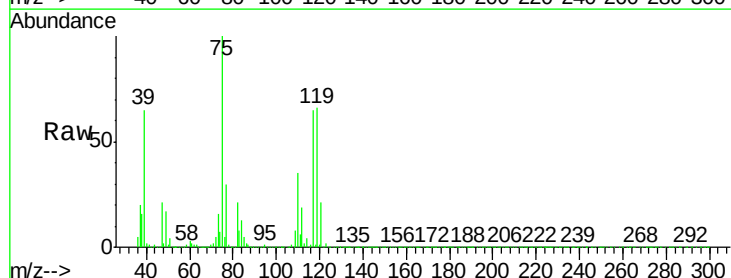
Manual Integrations
 APPROVED

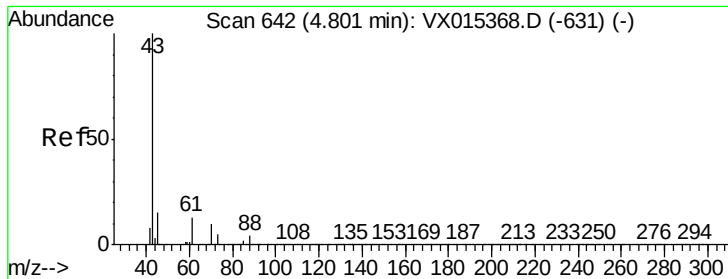
sam
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#36
 1,1-Dichloropropene
 Concen: 50.302 ug/l
 RT: 5.77 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: VX015584.D
 Acq: 09 Apr 2020 10:24

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	794362		
110	34.6	17.1	51.3	
77	31.3	24.6	36.8	





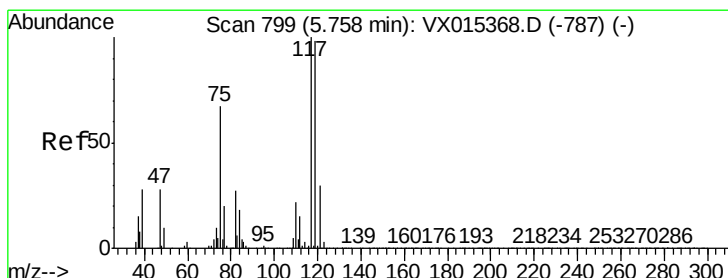
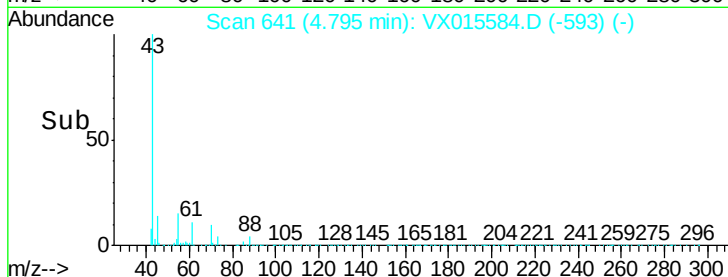
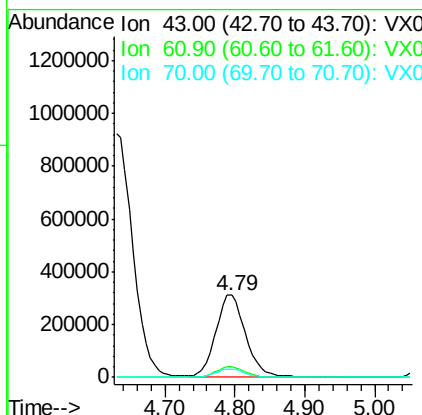
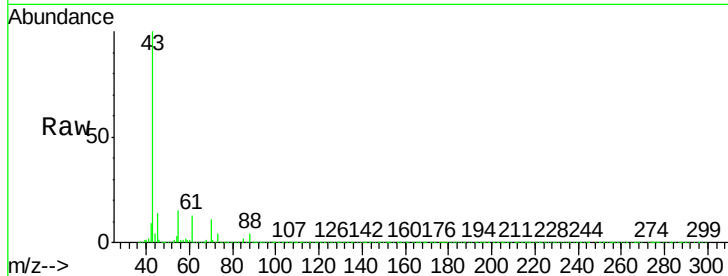
#37
Ethyl Acetate
Concen: 44.414 ug/l
RT: 4.79 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX015584.D
Acq: 09 Apr 2020 10:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	913242
Ion Ratio	Lower	Upper	
43	100		
61	12.3	9.9	14.9
70	10.1	8.1	12.1

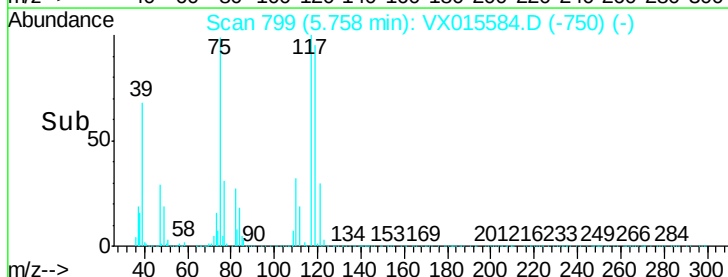
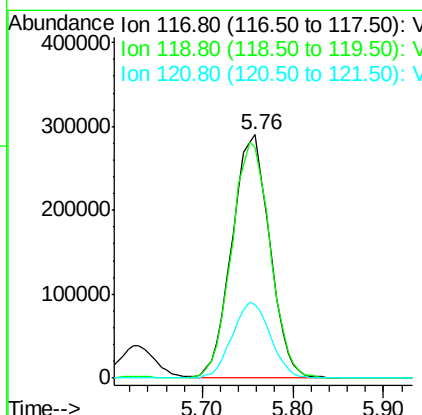
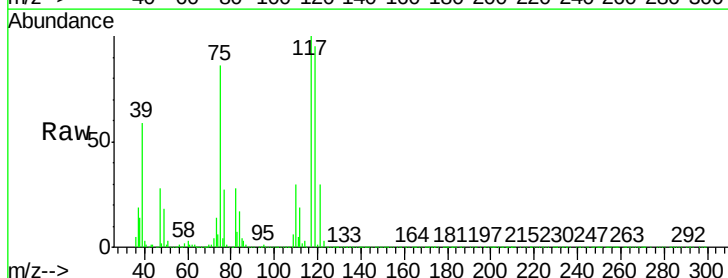
Manual Integrations
APPROVED

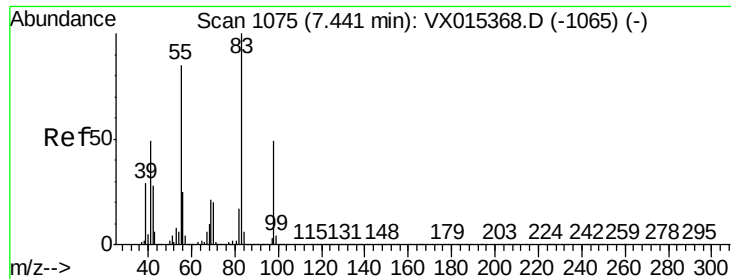
sam
4/10/2020 2:12:29 PM



#38
Carbon Tetrachloride
Concen: 49.056 ug/l
RT: 5.76 min Scan# 799
Delta R.T. 0.00 min
Lab File: VX015584.D
Acq: 09 Apr 2020 10:24

Tgt Ion	117	Resp	839072
Ion Ratio	Lower	Upper	
117	100		
119	95.0	78.0	117.0
121	30.0	23.8	35.8





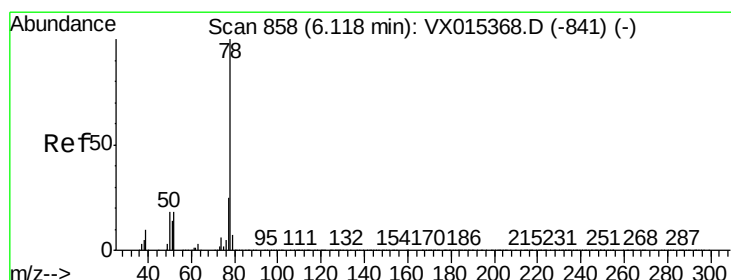
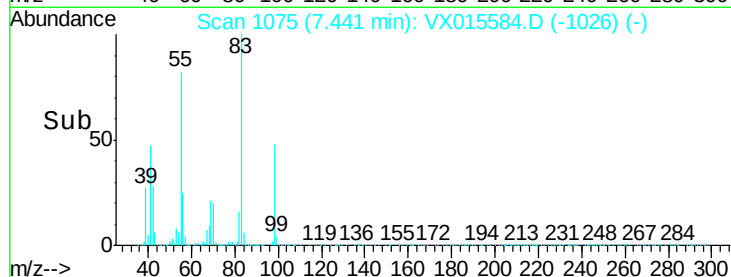
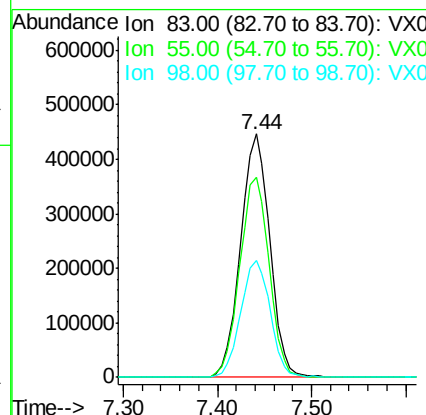
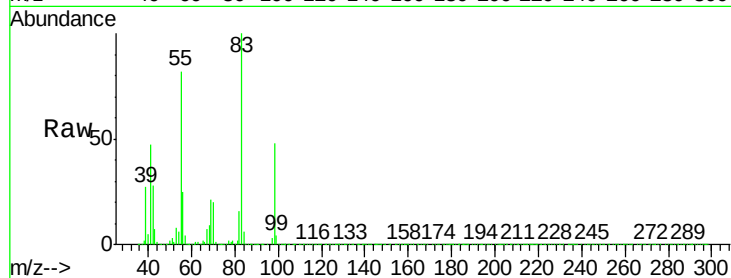
#39
Methylvlcyclohexane
Concen: 52.929 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. 0.00 min
Lab File: VX015584.D
Acq: 09 Apr 2020 10:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	82.1	67.8	101.6
98	47.8	39.3	58.9

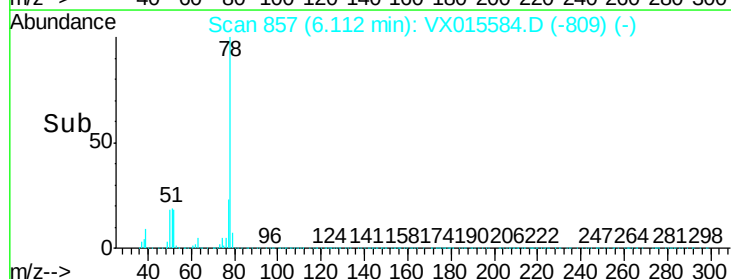
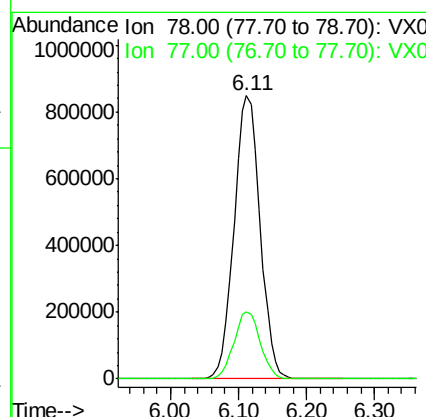
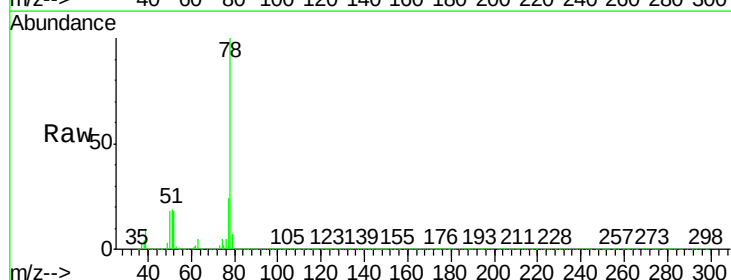
Manual Integrations
APPROVED

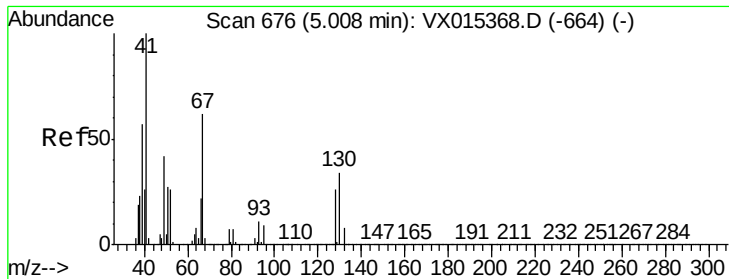
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#40
Benzene
Concen: 48.583 ug/l
RT: 6.11 min Scan# 857
Delta R.T. -0.01 min
Lab File: VX015584.D
Acq: 09 Apr 2020 10:24

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.8	29.8





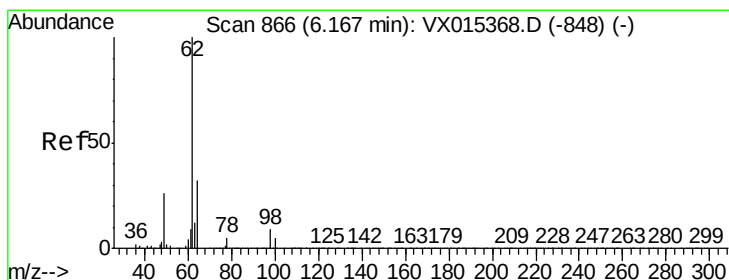
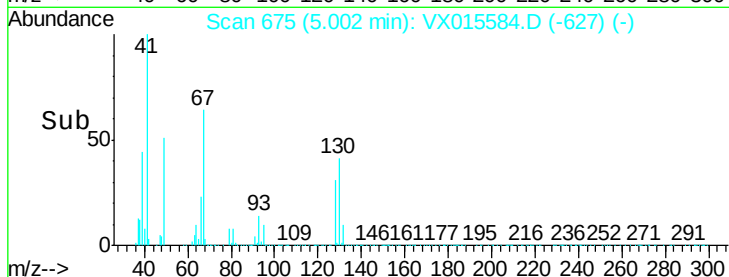
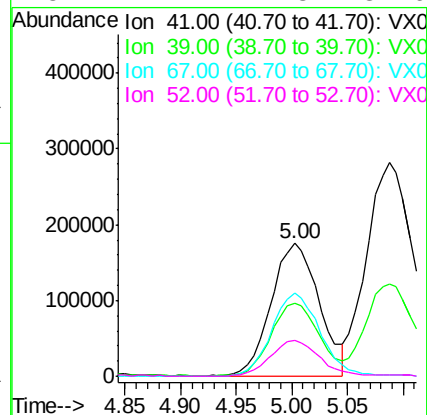
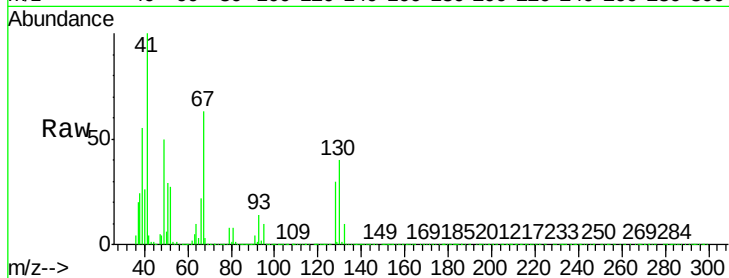
#41
Methacrylonitrile
Concen: 46.010 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015584.D
Acq: 09 Apr 2020 10:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.2	44.5	66.7	
67	62.7	48.9	73.3	
52	27.1	21.8	32.6	

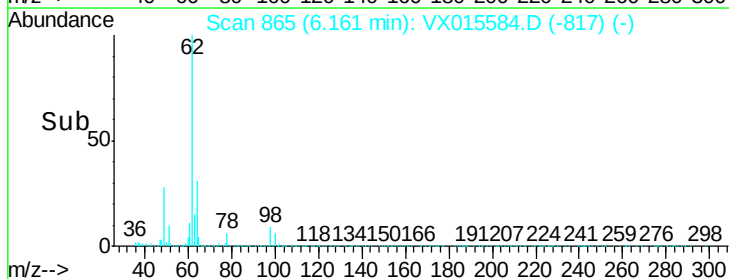
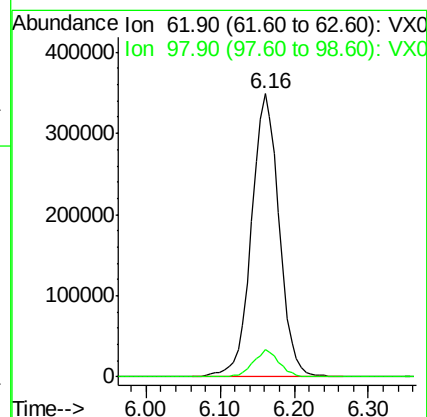
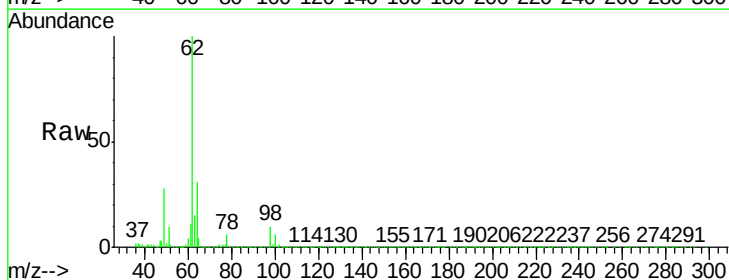
Manual Integrations
APPROVED

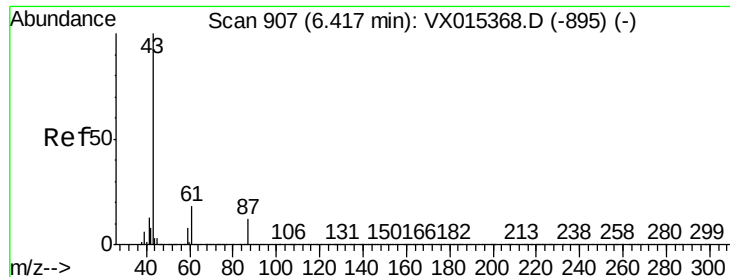
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#42
1,2-Dichloroethane
Concen: 48.542 ug/l
RT: 6.16 min Scan# 865
Delta R.T. -0.01 min
Lab File: VX015584.D
Acq: 09 Apr 2020 10:24

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





#43

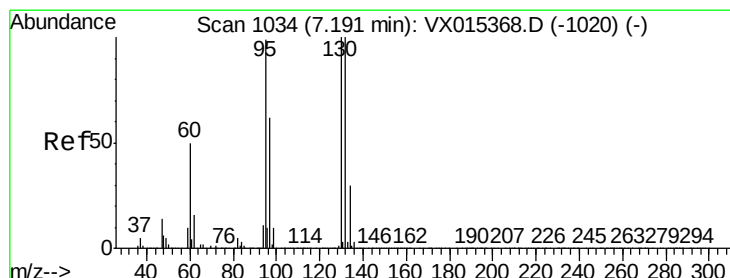
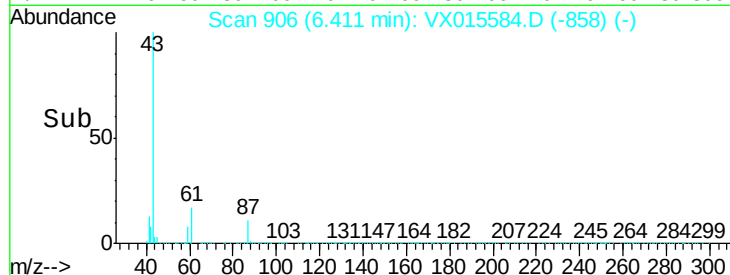
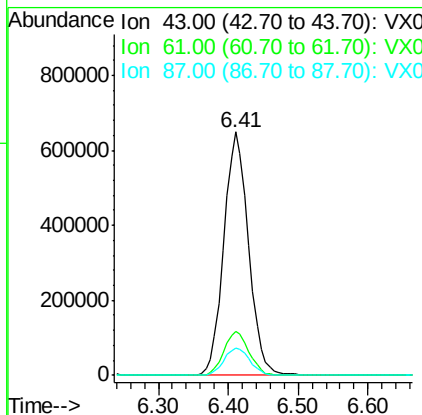
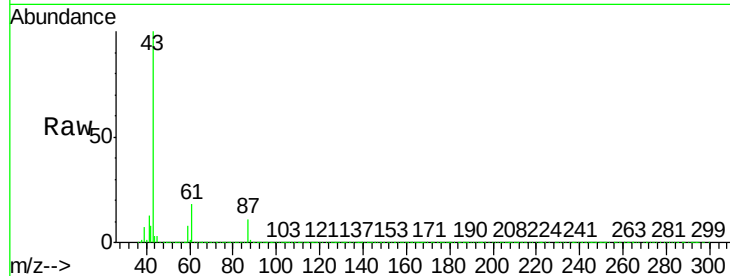
Isopropyl Acetate
 Concen: 45.555 ug/l
 RT: 6.41 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: VX015584.D
 Acq: 09 Apr 2020 10:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.2	14.8	22.2
87	11.8	9.4	14.0

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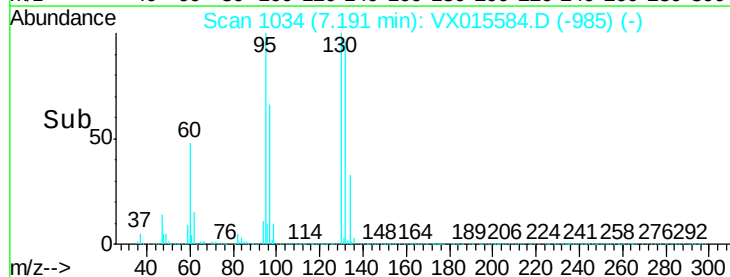
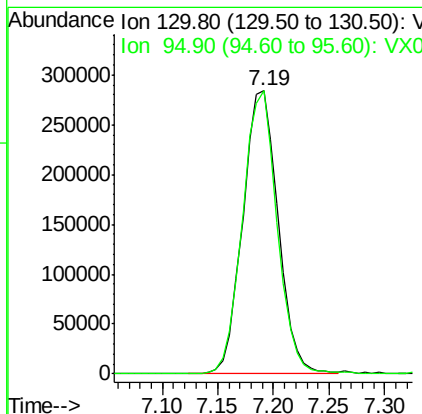
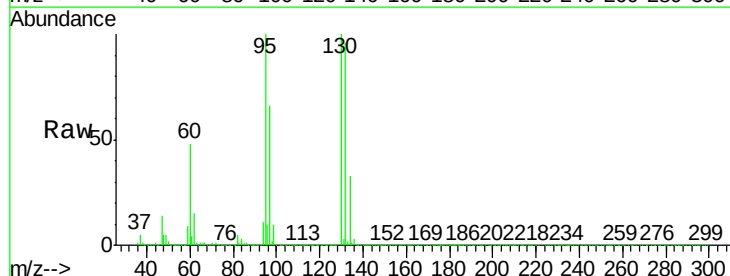
sam
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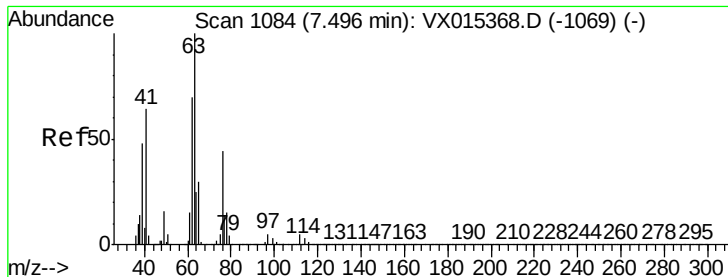


#44

Trichloroethene
 Concen: 49.625 ug/l
 RT: 7.19 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: VX015584.D
 Acq: 09 Apr 2020 10:24

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.9	0.0	199.0





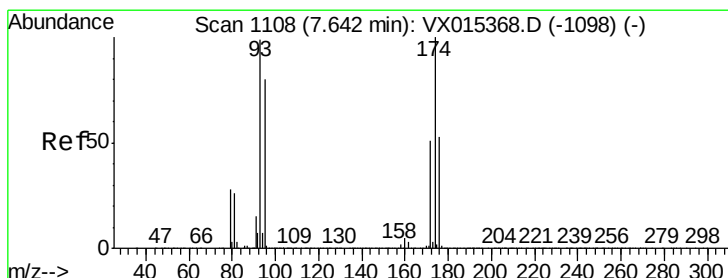
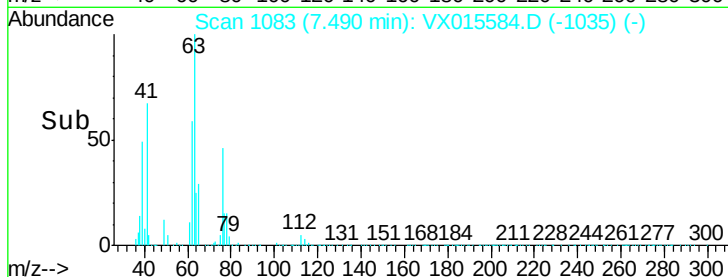
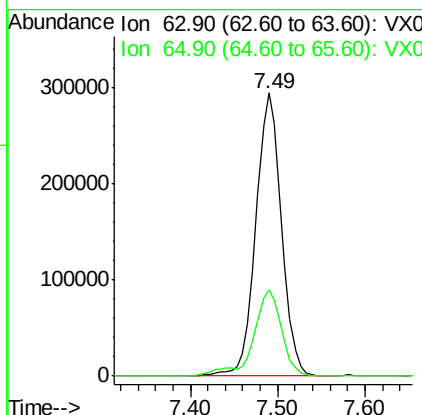
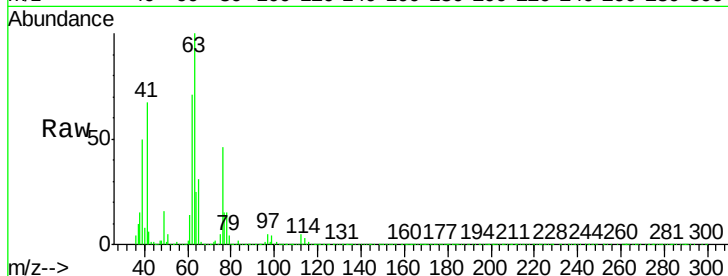
#45
 1,2-Dichloropropane
 Concen: 47.112 ug/l
 RT: 7.49 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: VX015584.D
 Acq: 09 Apr 2020 10:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.5	23.9	35.9

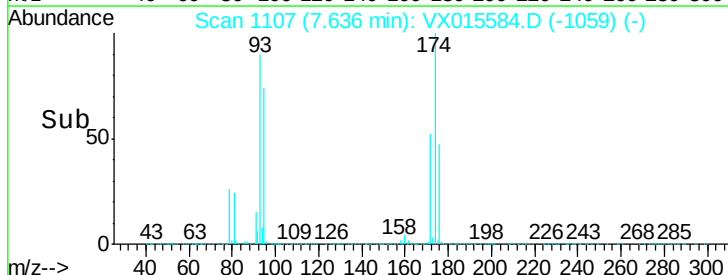
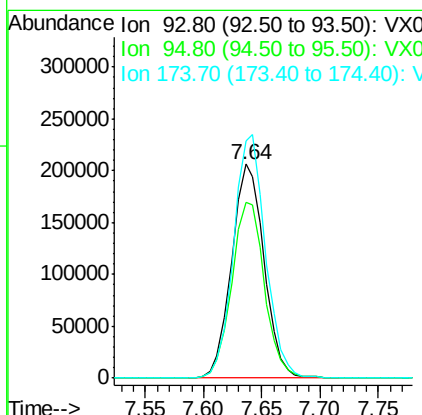
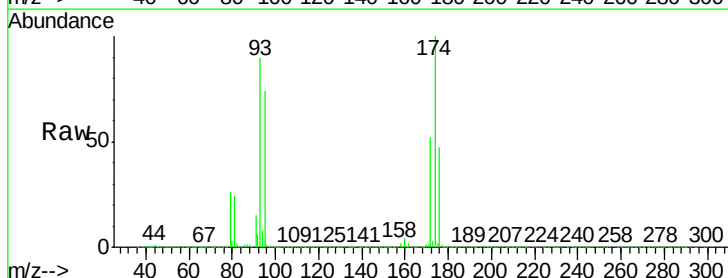
Manual Integrations
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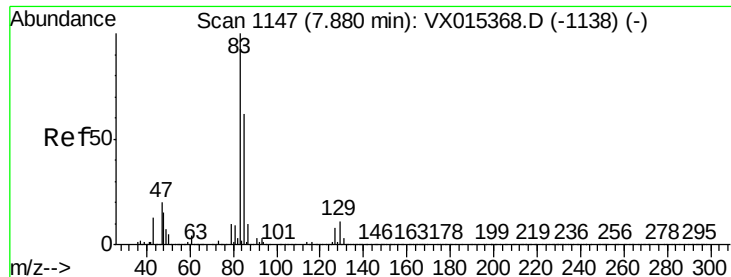
sam
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#46
 Dibromomethane
 Concen: 48.269 ug/l
 RT: 7.64 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: VX015584.D
 Acq: 09 Apr 2020 10:24

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.7	65.8	98.8
174	112.0	86.2	129.2





#47

Bromodichloromethane

Concen: 48.603 ug/l

RT: 7.87 min Scan# 1146

Delta R.T. -0.01 min

Lab File: VX015584.D

Acq: 09 Apr 2020 10:24

Instrument :

MSVOA_X

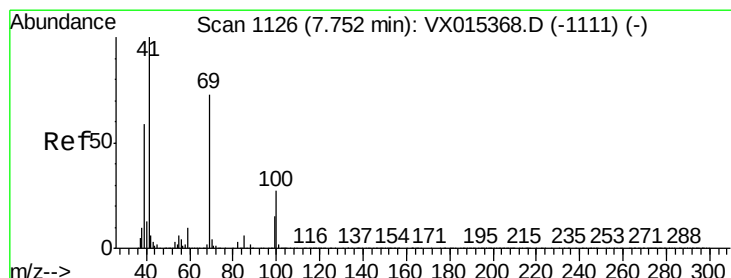
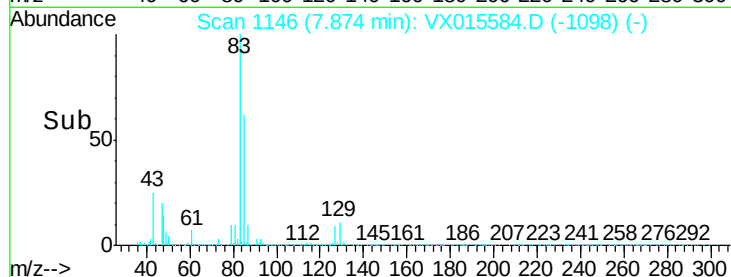
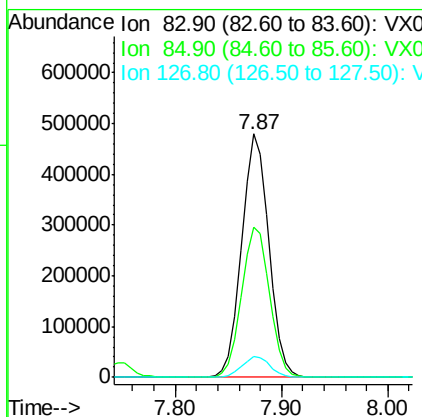
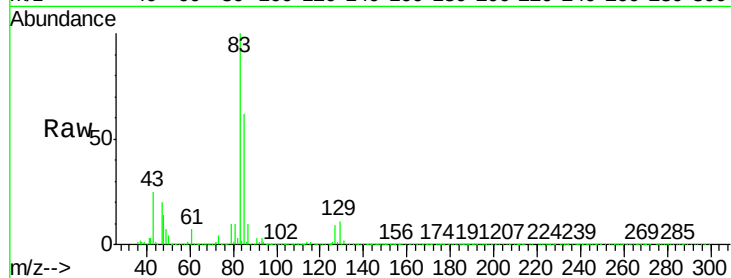
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	859692
Ion Ratio	Lower	Upper	
83	100		
85	61.7	49.7	74.5
127	8.8	6.7	10.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 45.663 ug/l

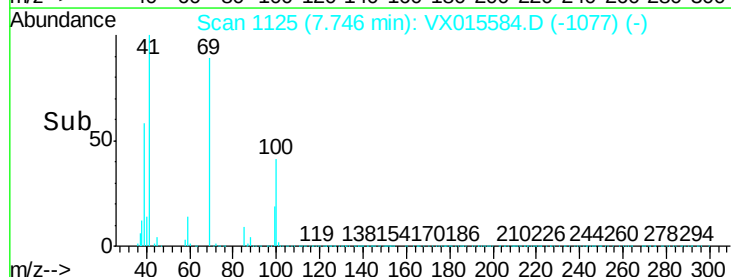
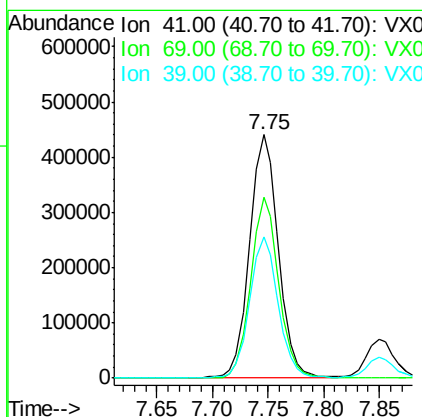
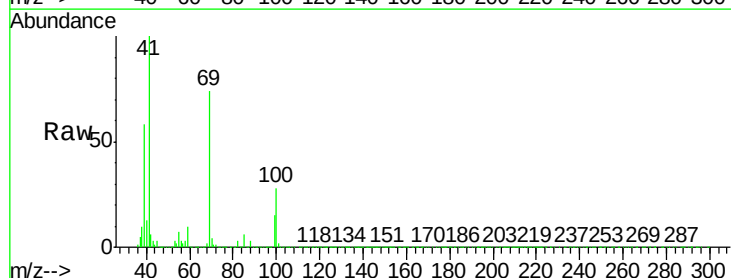
RT: 7.75 min Scan# 1125

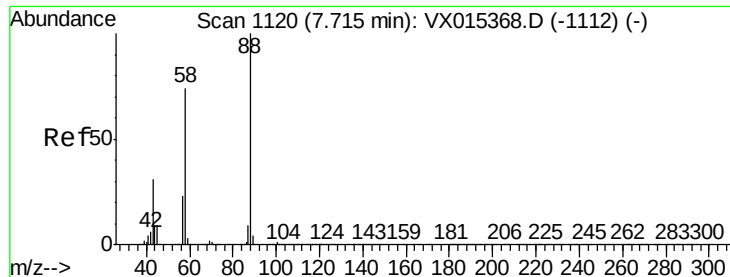
Delta R.T. -0.01 min

Lab File: VX015584.D

Acq: 09 Apr 2020 10:24

Tgt Ion:	41	Resp:	791699
Ion Ratio	Lower	Upper	
41	100		
69	72.1	56.7	85.1
39	57.3	46.5	69.7





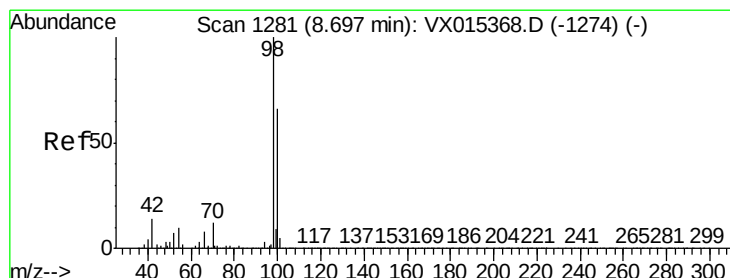
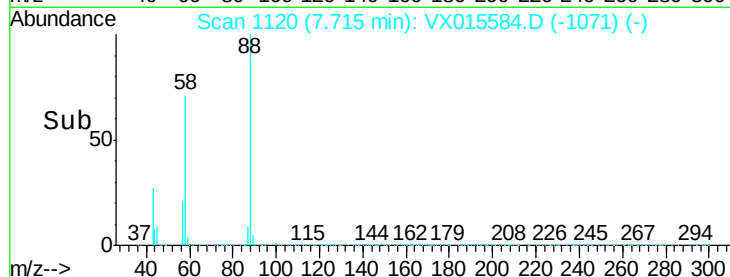
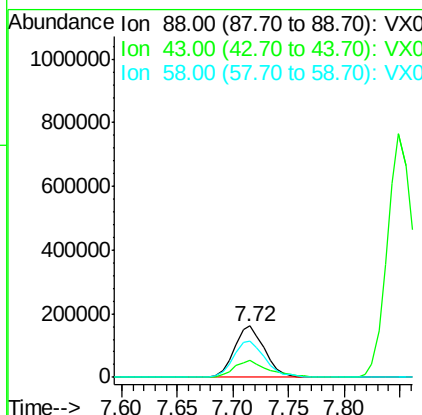
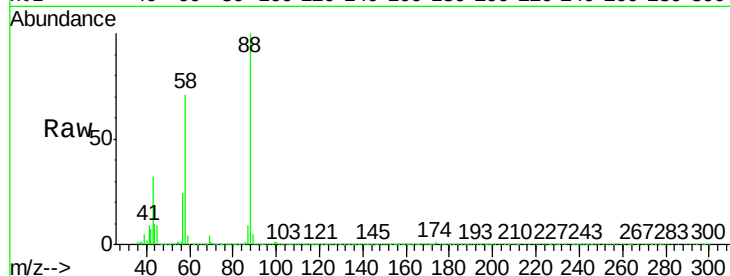
#49
1,4-Dioxane
Concen: 935.335 ug/l
RT: 7.72 min Scan# 1120
Delta R.T. 0.00 min
Lab File: VX015584.D
Acq: 09 Apr 2020 10:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	88	Resp:	302521
Ion Ratio	Lower	Upper	
88	100		
43	36.4	30.1	45.1
58	73.8	60.6	90.8

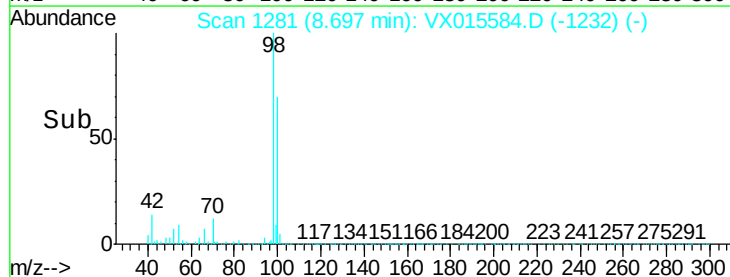
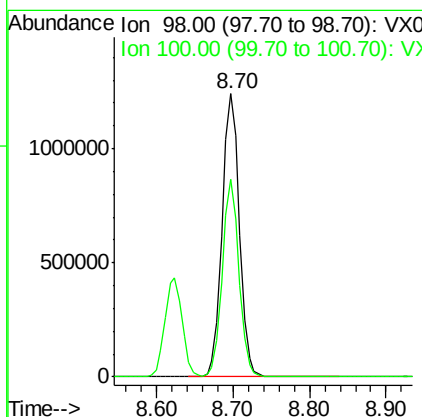
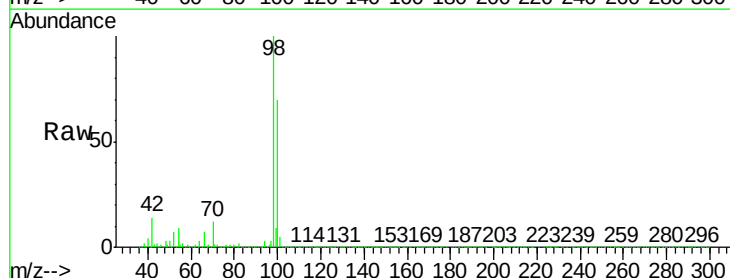
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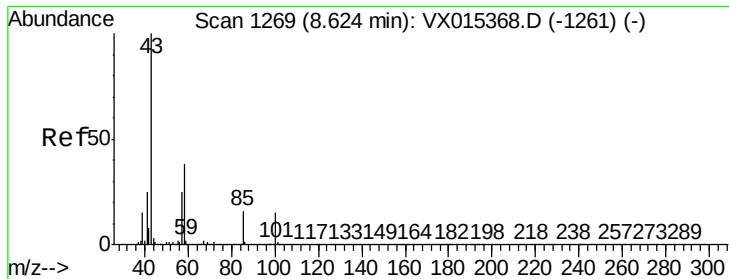
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#50
Toluene-d8
Concen: 47.810 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VX015584.D
Acq: 09 Apr 2020 10:24

Tgt Ion:	98	Resp:	1928501
Ion Ratio	Lower	Upper	
98	100		
100	67.3	53.5	80.3





#51

4-Methyl-2-Pentanone

Concen: 232.174 ug/l

RT: 8.62 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VX015584.D

Acq: 09 Apr 2020 10:24

Tot Ion: 43 Resp: 4567200

Ion Ratio Lower Upper

43 100

58 37.1 29.7 44.5

Instrument :

MSVOA_X

ClientSampleId :

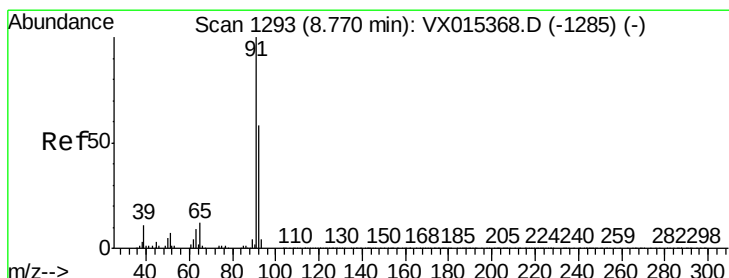
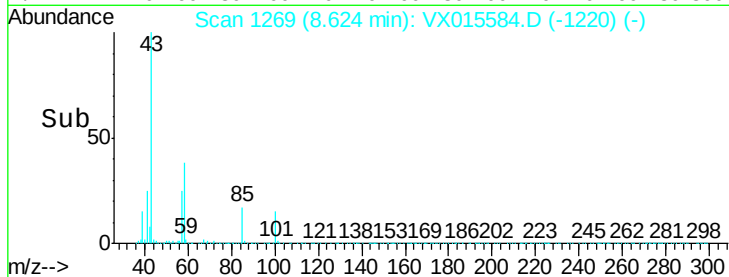
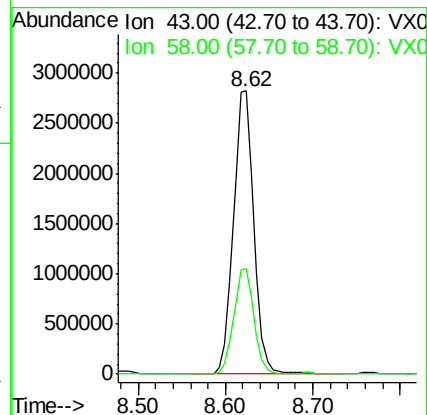
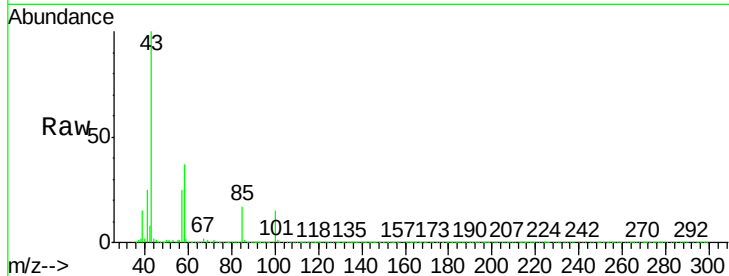
VSTDCCC050

Manual Integrations

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#52

Toluene

Concen: 50.673 ug/l

RT: 8.76 min Scan# 1292

Delta R.T. -0.01 min

Lab File: VX015584.D

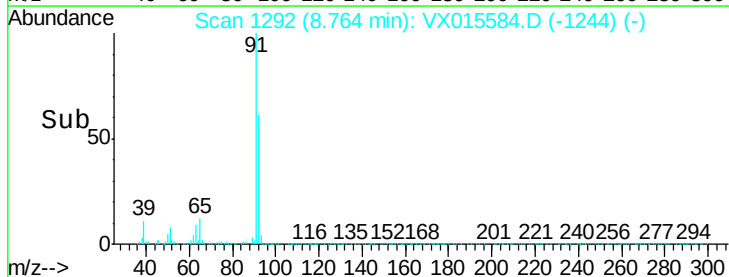
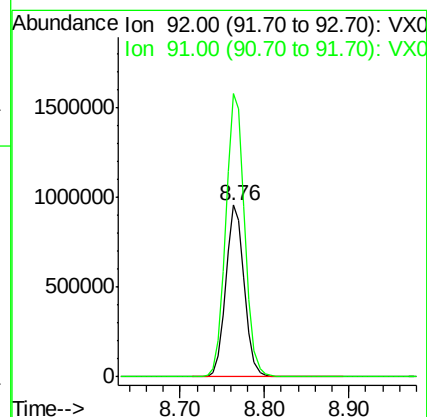
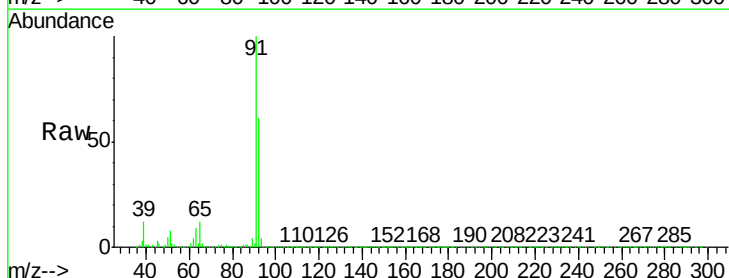
Acq: 09 Apr 2020 10:24

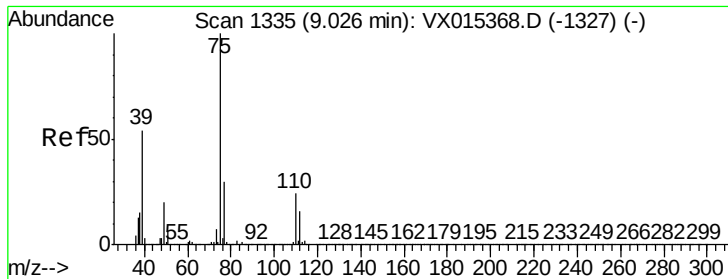
Tgt Ion: 92 Resp: 1445185

Ion Ratio Lower Upper

92 100

91 168.8 136.6 205.0





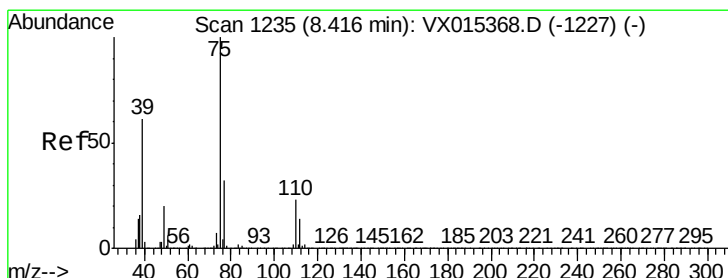
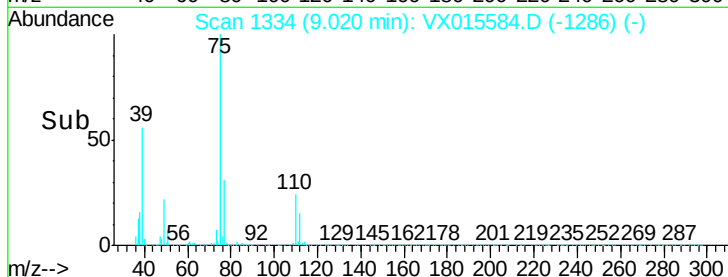
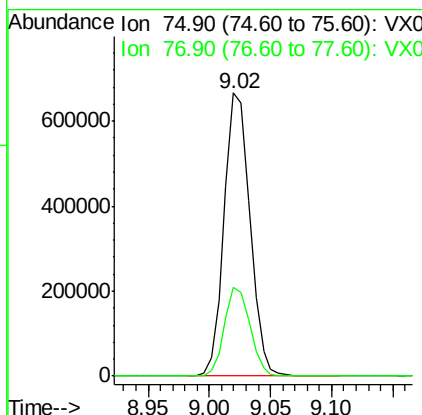
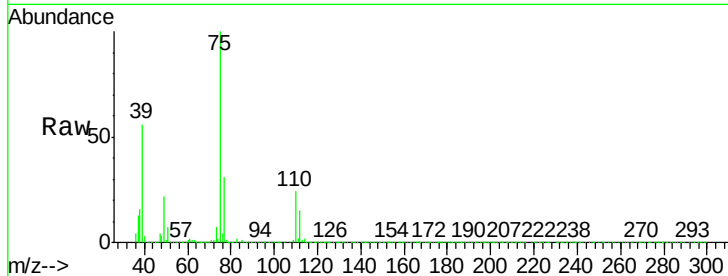
#53
t-1,3-Dichloropropene
Concen: 47.222 ug/l
RT: 9.02 min Scan# 1334
Delta R.T. -0.01 min
Lab File: VX015584.D
Acq: 09 Apr 2020 10:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 979611
Ion Ratio Lower Upper
75 100
77 31.2 24.1 36.1

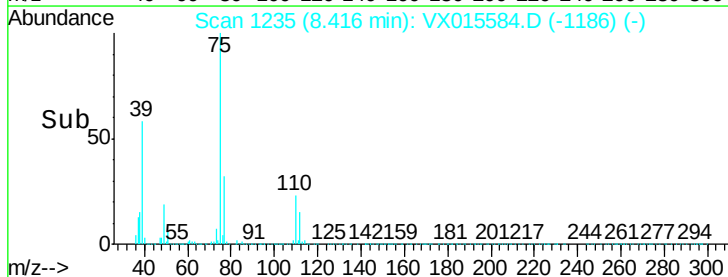
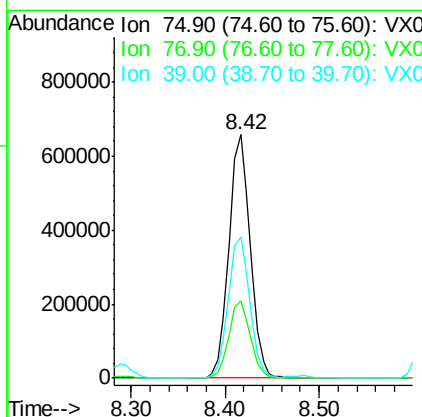
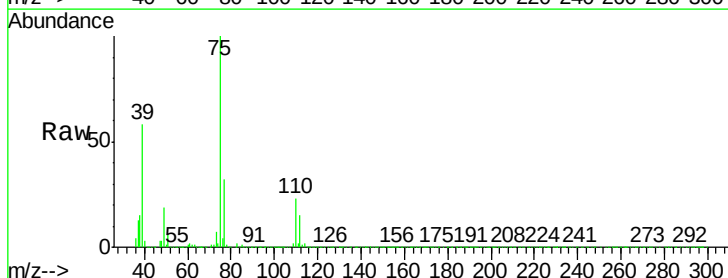
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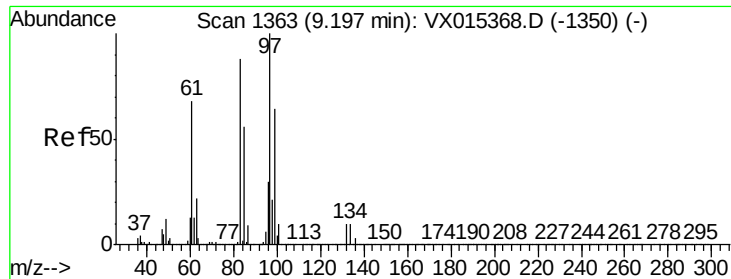
sam
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#54
cis-1,3-Dichloropropene
Concen: 48.894 ug/l
RT: 8.42 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VX015584.D
Acq: 09 Apr 2020 10:24

Tgt Ion: 75 Resp: 1033221
Ion Ratio Lower Upper
75 100
77 31.5 25.8 38.6
39 58.1 49.0 73.4





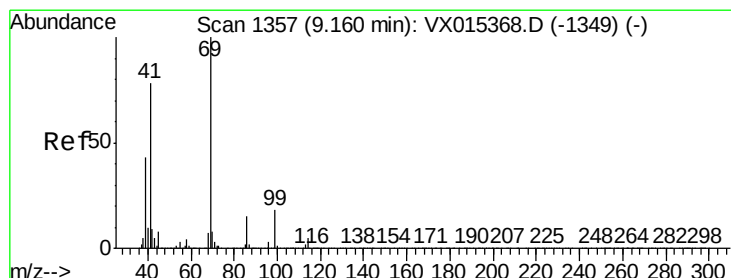
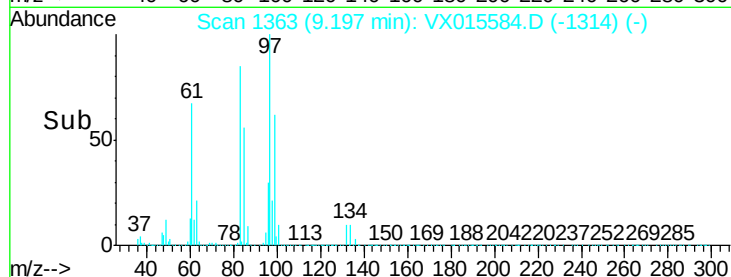
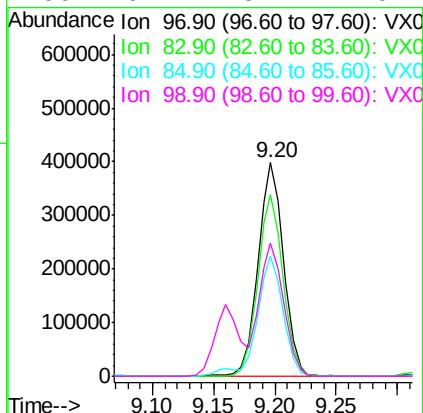
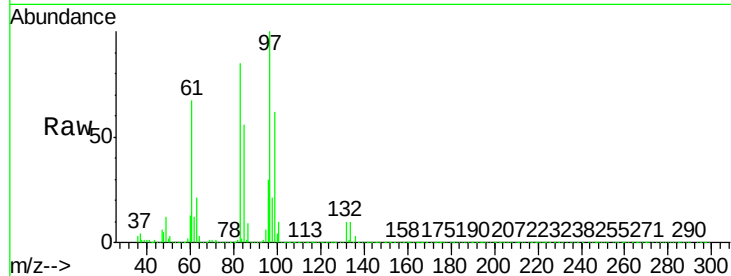
#55
 1,1,2-Trichloroethane
 Concen: 49.360 ug/l
 RT: 9.20 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VX015584.D
 Acq: 09 Apr 2020 10:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		576756		
83	84.8	70.2	105.4		
85	56.1	44.7	67.1		
99	62.4	51.1	76.7		

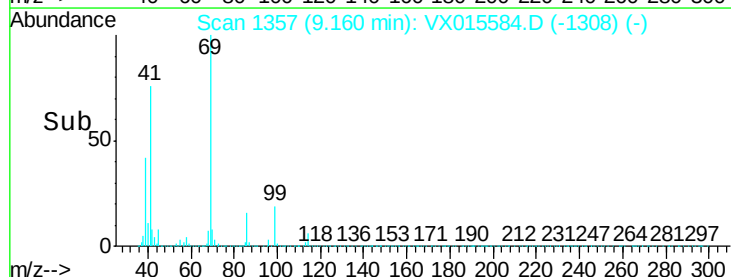
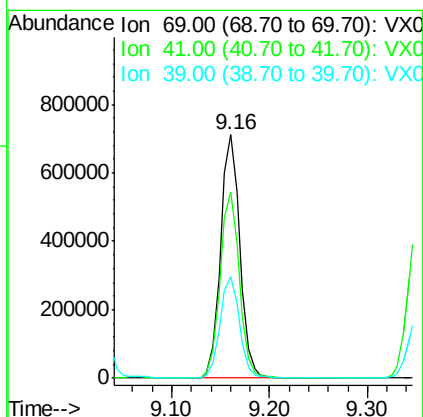
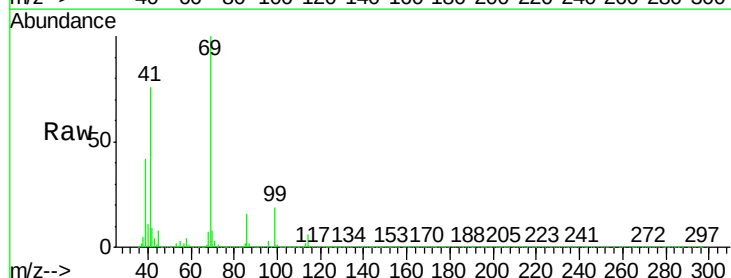
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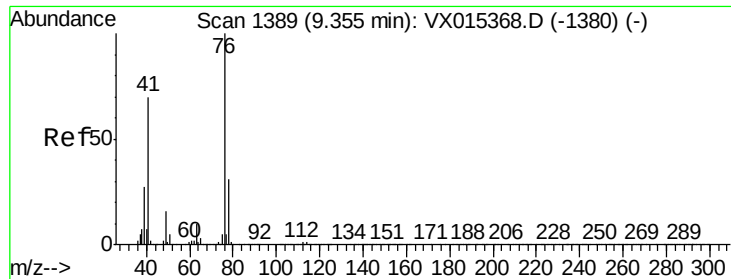
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#56
 Ethyl methacrylate
 Concen: 47.126 ug/l
 RT: 9.16 min Scan# 1357
 Delta R.T. 0.00 min
 Lab File: VX015584.D
 Acq: 09 Apr 2020 10:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		970454		
41	76.4	61.6	92.4		
39	41.8	34.0	51.0		





#57

1,3-Dichloropropane

Concen: 47.695 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VX015584.D

Acq: 09 Apr 2020 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 1004086

Ion Ratio Lower Upper

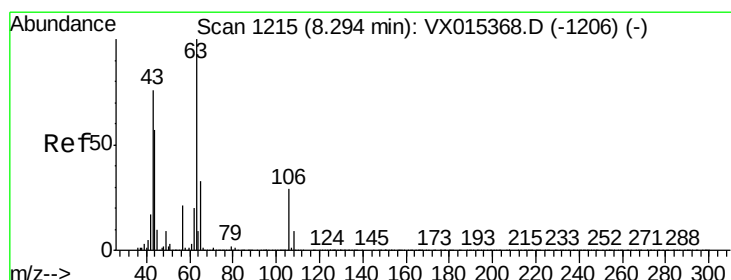
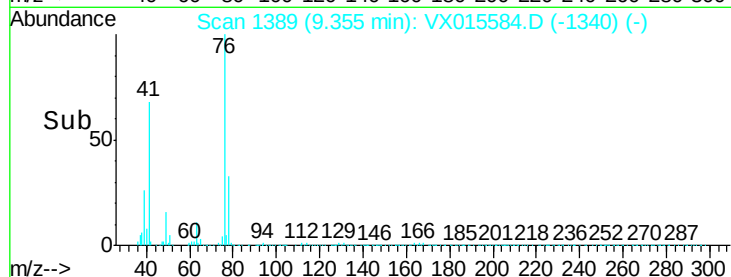
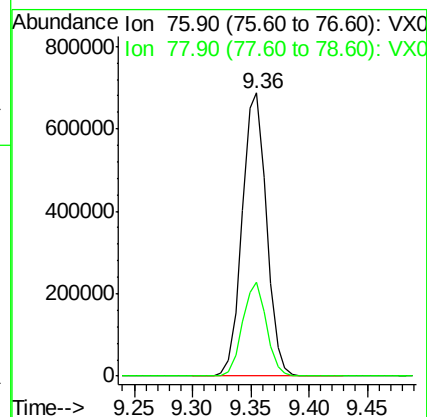
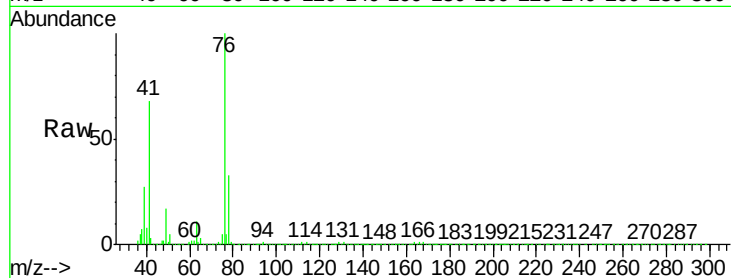
76 100

78 32.3 25.8 38.8

Manual Integrations
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#58

2-Chloroethyl Vinyl ether

Concen: 244.075 ug/l

RT: 8.29 min Scan# 1214

Delta R.T. -0.01 min

Lab File: VX015584.D

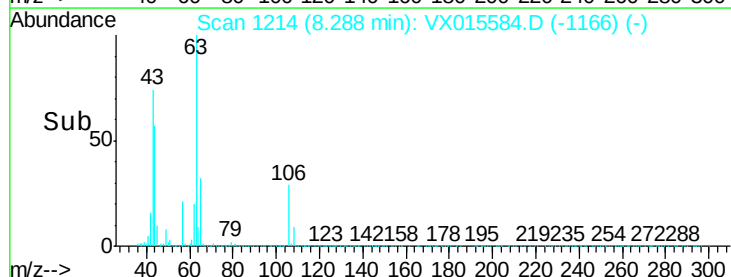
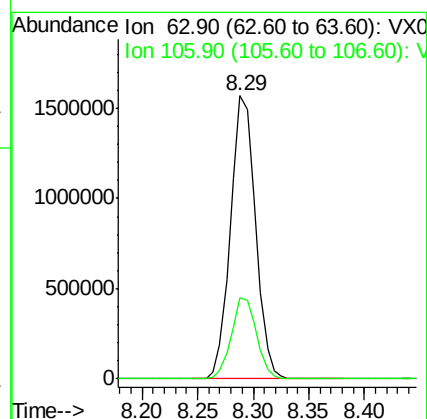
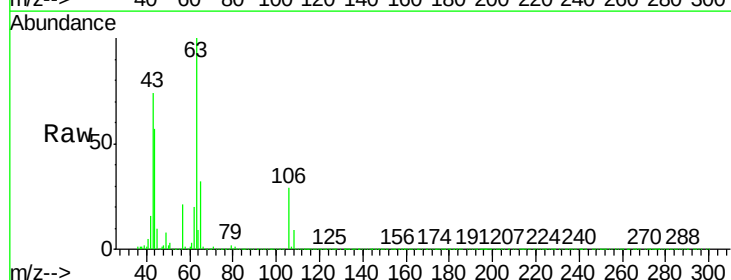
Acq: 09 Apr 2020 10:24

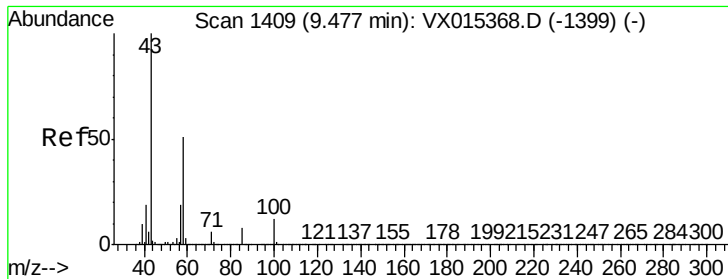
Tgt Ion: 63 Resp: 2444751

Ion Ratio Lower Upper

63 100

106 28.8 22.7 34.1





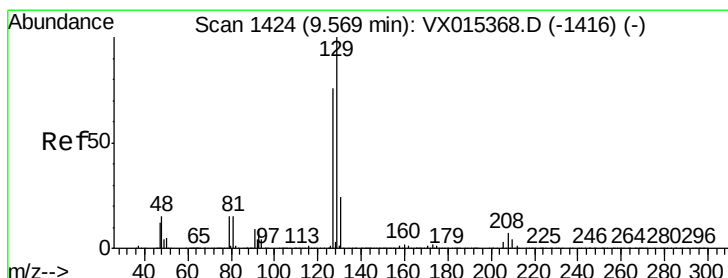
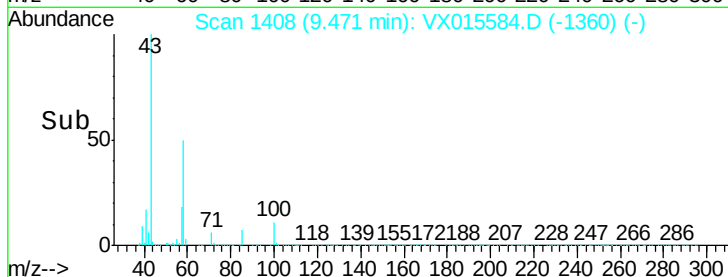
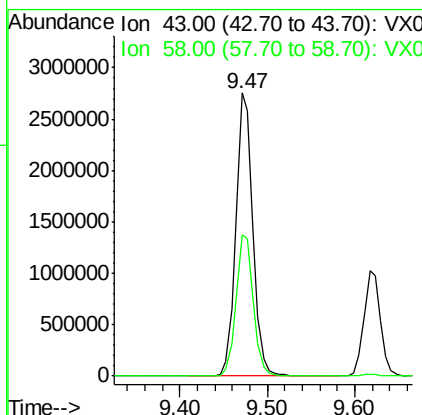
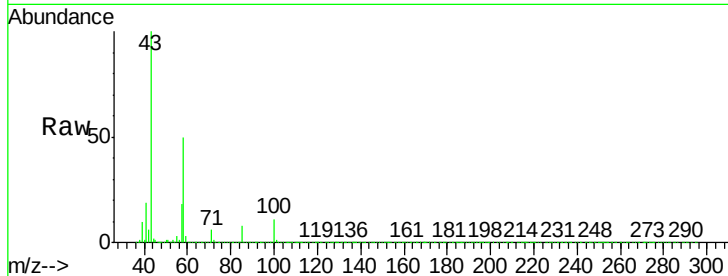
#59
2-Hexanone
Concen: 253.540 ug/l
RT: 9.47 min Scan# 1408
Delta R.T. -0.01 min
Lab File: VX015584.D
Acq: 09 Apr 2020 10:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 3765463
Ion Ratio Lower Upper
43 100
58 50.8 25.6 76.6

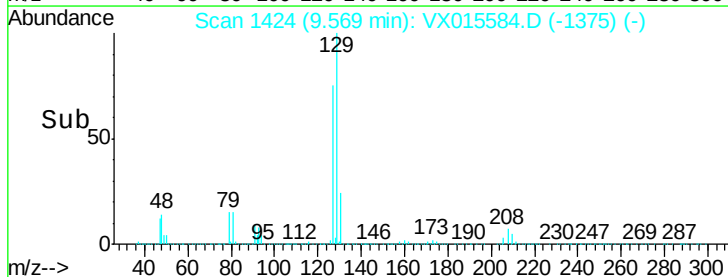
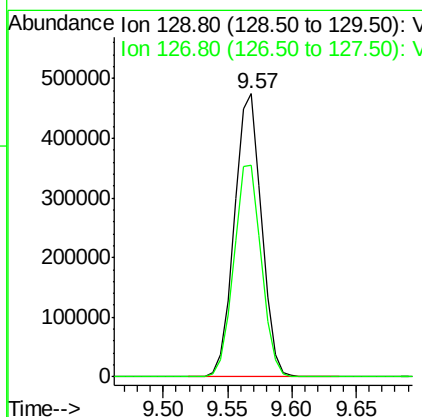
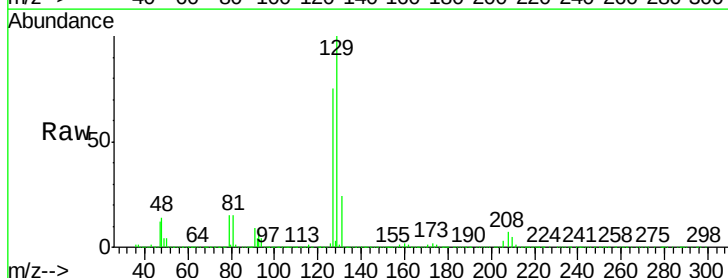
Manual Integrations
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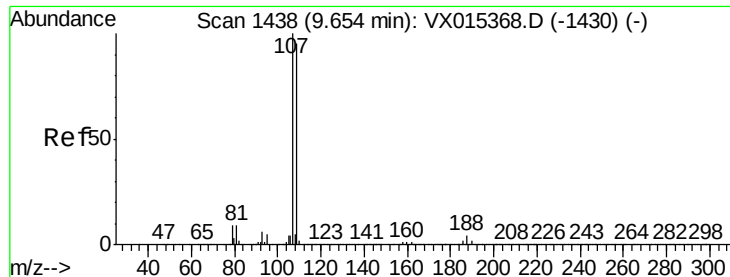
sam
4/10/2020 2:12:29 PM



#60
Dibromochloromethane
Concen: 49.506 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. 0.00 min
Lab File: VX015584.D
Acq: 09 Apr 2020 10:24

Tgt Ion: 129 Resp: 695103
Ion Ratio Lower Upper
129 100
127 76.0 38.2 114.6





#61

1,2-Dibromoethane

Concen: 48.371 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. 0.00 min

Lab File: VX015584.D

Acq: 09 Apr 2020 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 614560

Ion Ratio Lower Upper

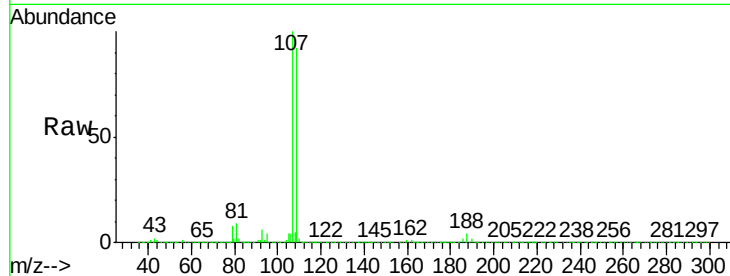
107 100

109 93.9 74.8 112.2

Manual Integrations
APPROVED

sam

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

400000

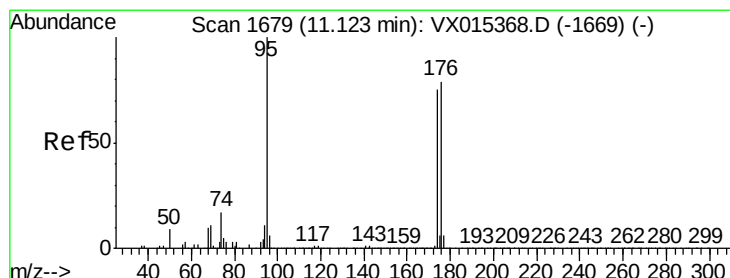
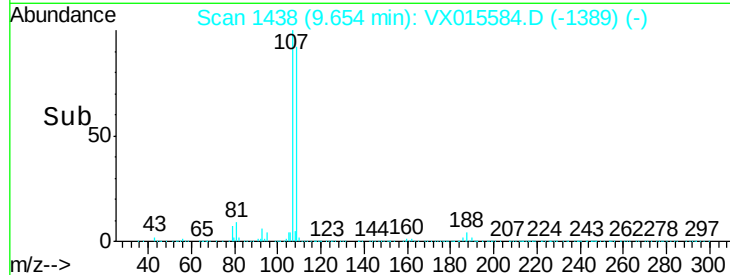
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.292 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015584.D

Acq: 09 Apr 2020 10:24

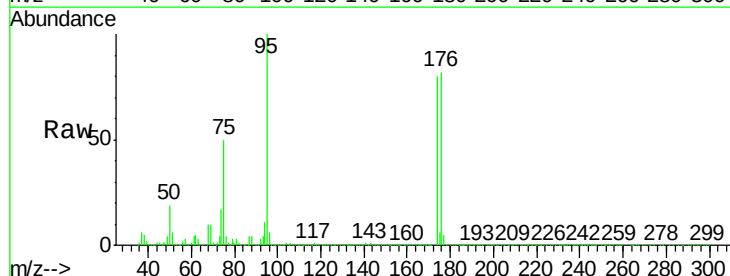
Tgt Ion: 95 Resp: 791636

Ion Ratio Lower Upper

95 100

174 81.5 0.0 158.6

176 80.8 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

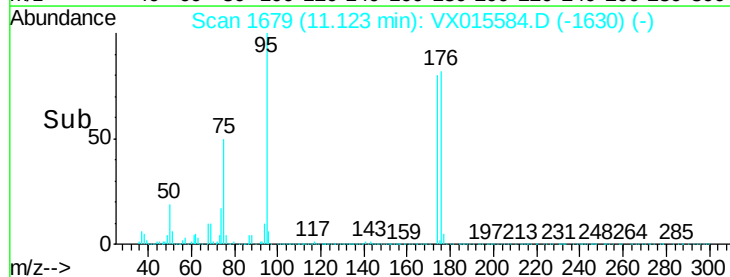
600000

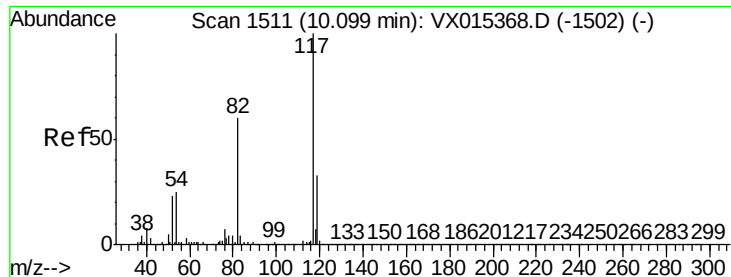
400000

200000

0

Time-->





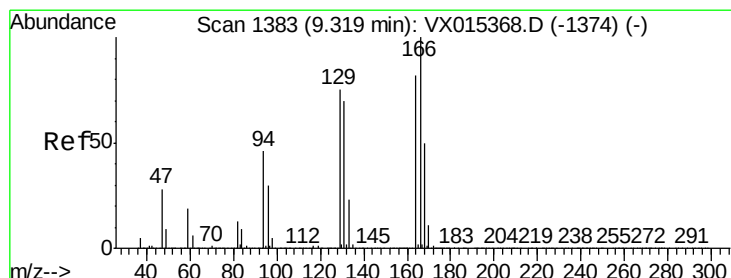
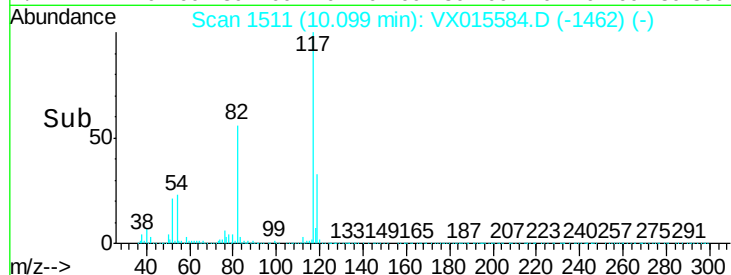
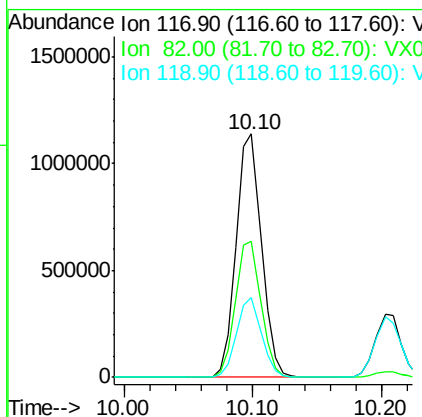
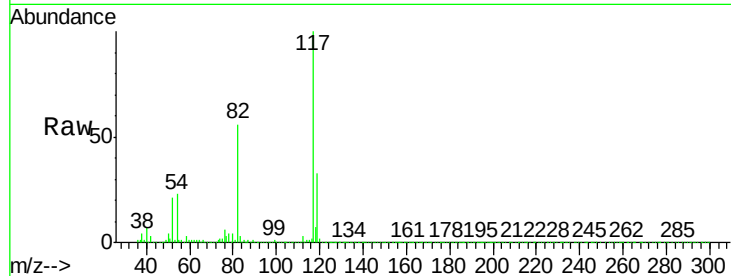
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015584.D
Acq: 09 Apr 2020 10:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.8	47.8	71.8
119	32.5	26.8	40.2

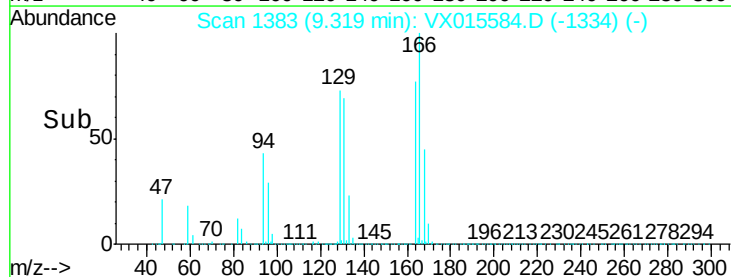
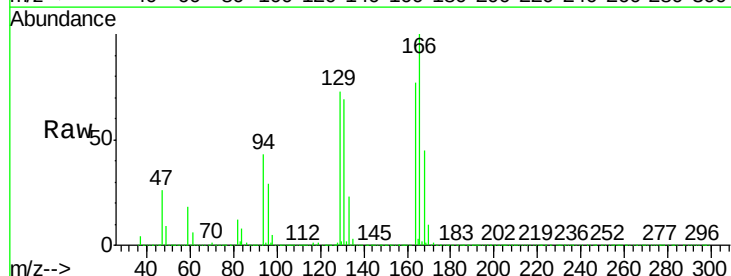
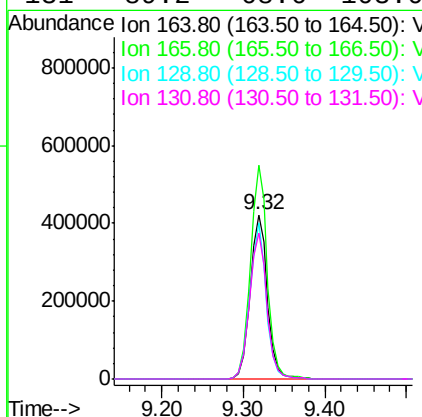
Manual Integrations
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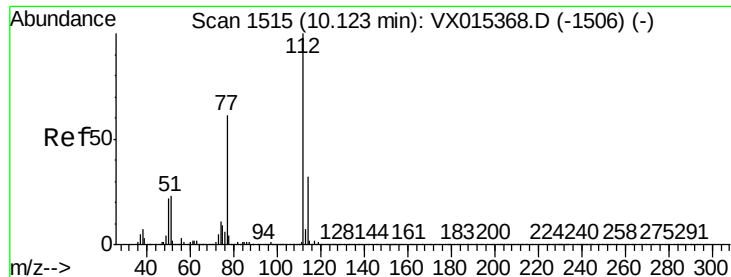
sam
4/10/2020 2:12:29 PM



#64
Tetrachloroethene
Concen: 52.613 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX015584.D
Acq: 09 Apr 2020 10:24

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.3	97.8	146.6
129	95.0	73.0	109.4
131	89.2	68.6	103.0





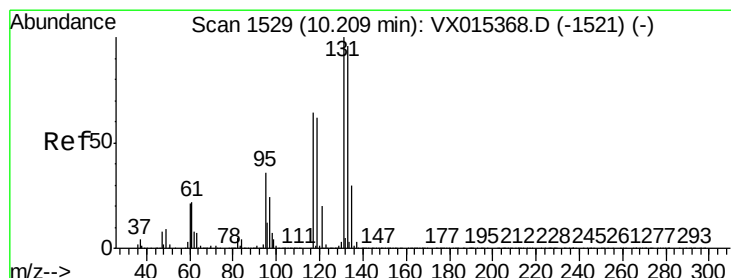
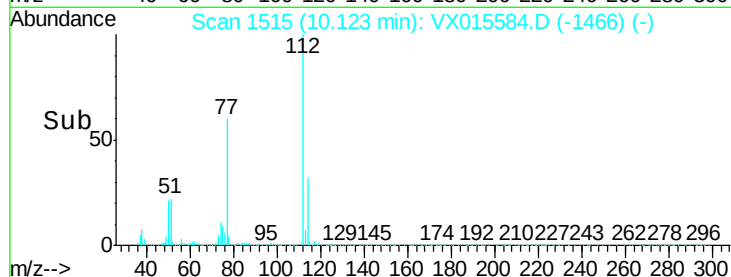
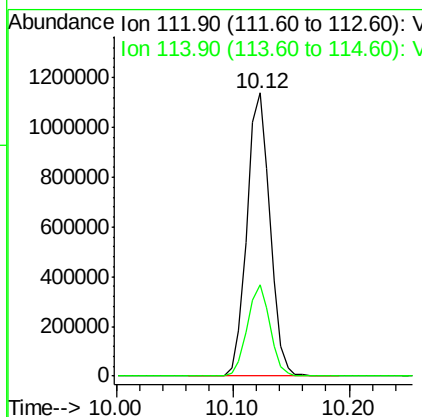
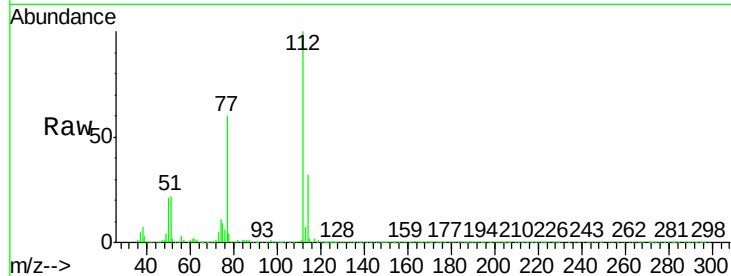
#65
Chlorobenzene
Concen: 50.547 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VX015584.D
Acq: 09 Apr 2020 10:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 1574938
Ion Ratio Lower Upper
112 100
114 32.3 25.5 38.3

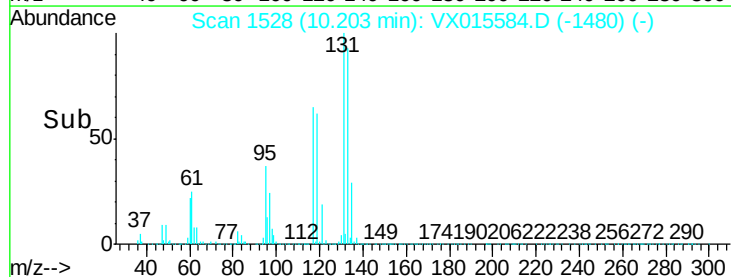
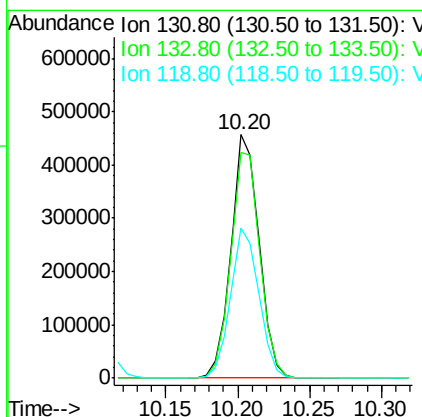
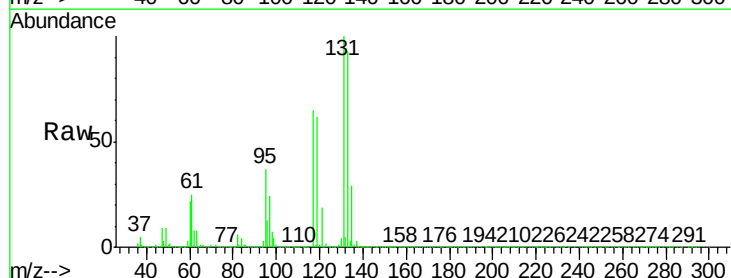
Manual Integrations
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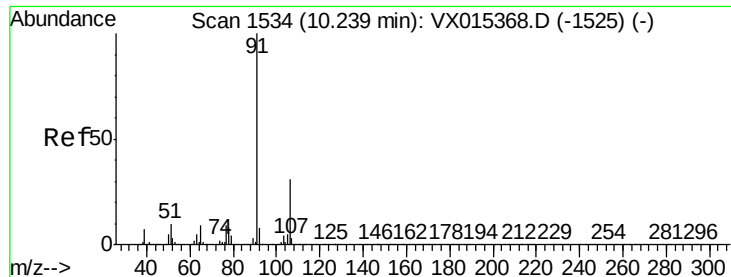
sam
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.213 ug/l
RT: 10.20 min Scan# 1528
Delta R.T. -0.01 min
Lab File: VX015584.D
Acq: 09 Apr 2020 10:24

Tgt Ion:131 Resp: 625048
Ion Ratio Lower Upper
131 100
133 96.1 47.6 142.9
119 62.5 31.1 93.3





#67

Ethyl Benzene

Concen: 51.189 ug/l

RT: 10.23 min Scan# 1533

Delta R.T. -0.01 min

Lab File: VX015584.D

Acq: 09 Apr 2020 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 2828809

Ion Ratio Lower Upper

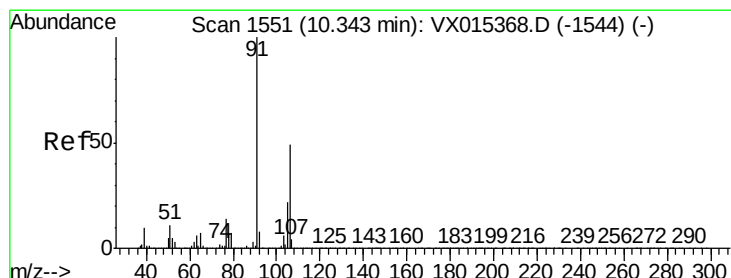
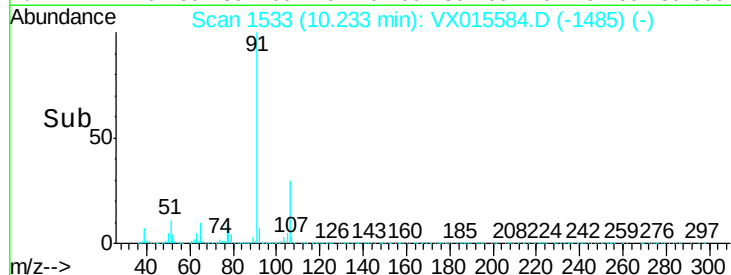
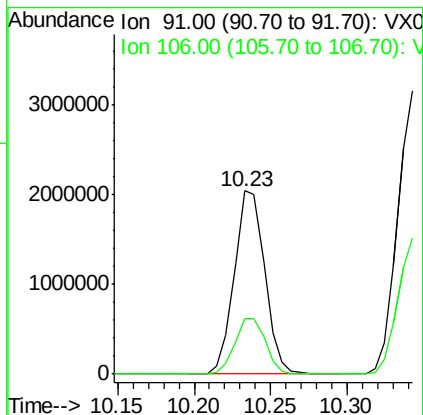
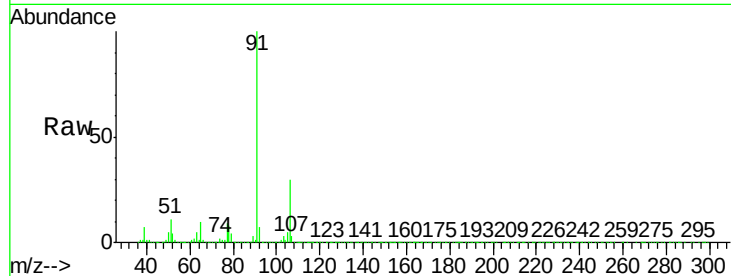
91 100

106 30.1 24.8 37.2

Manual Integrations
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sam

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#68

m/p-Xylenes

Concen: 103.257 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. 0.00 min

Lab File: VX015584.D

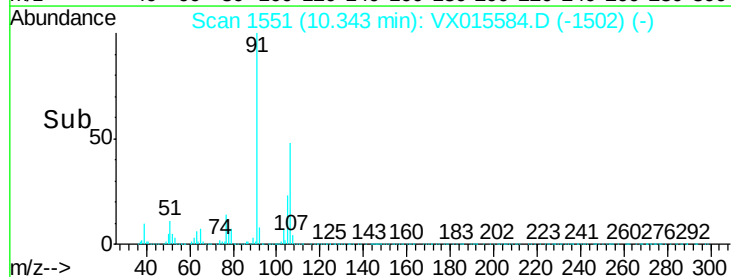
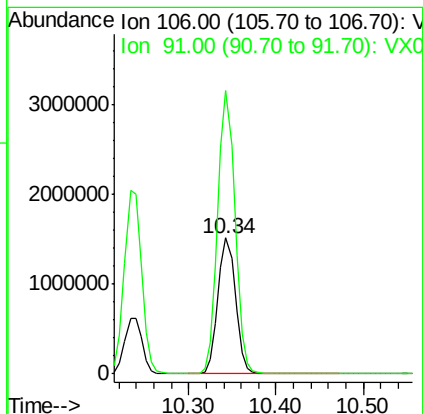
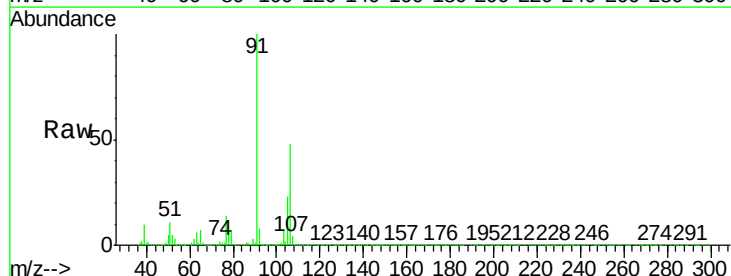
Acq: 09 Apr 2020 10:24

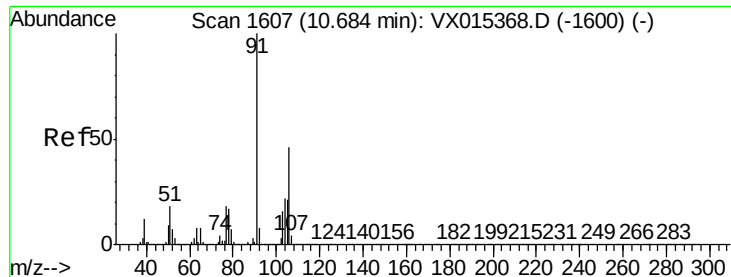
Tgt Ion: 106 Resp: 2124783

Ion Ratio Lower Upper

106 100

91 203.4 163.4 245.0





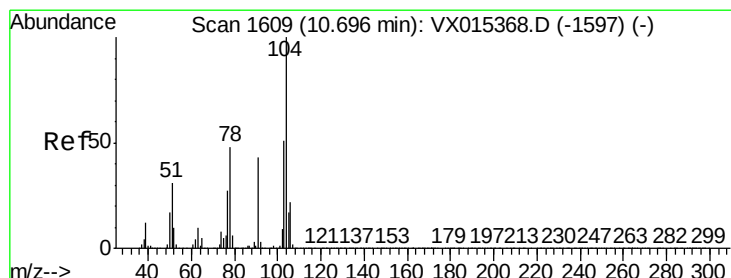
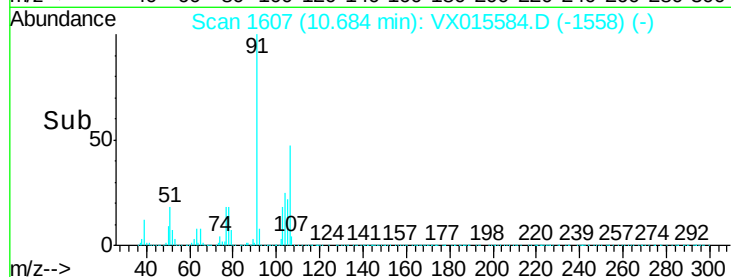
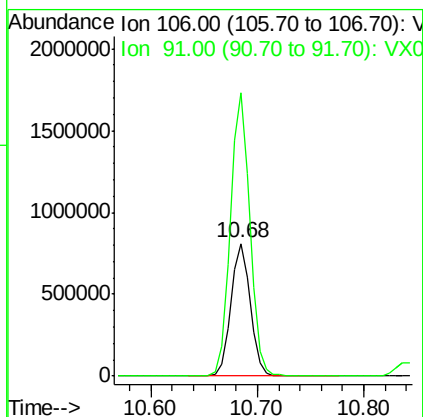
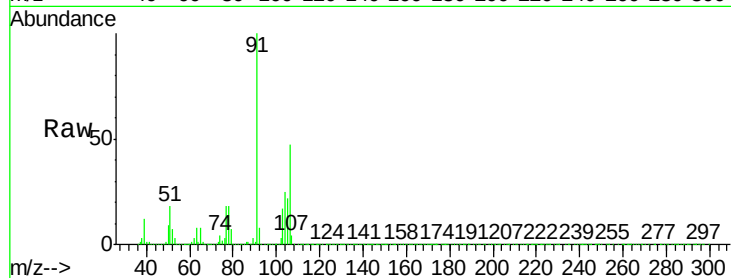
#69
o-Xylene
Concen: 50.819 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015584.D
Acq: 09 Apr 2020 10:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 1033349
Ion Ratio Lower Upper
106 100
91 214.7 107.1 321.3

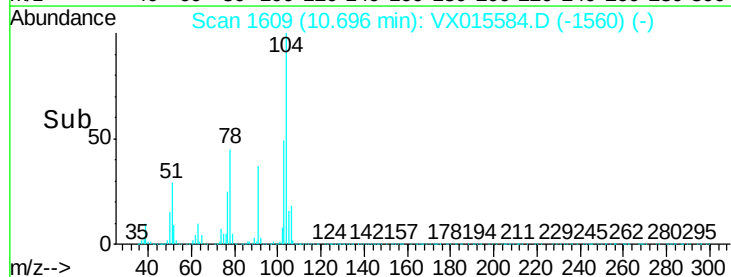
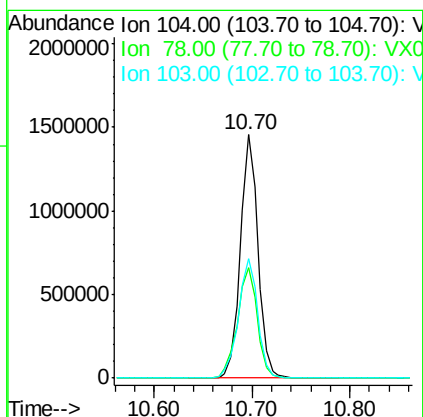
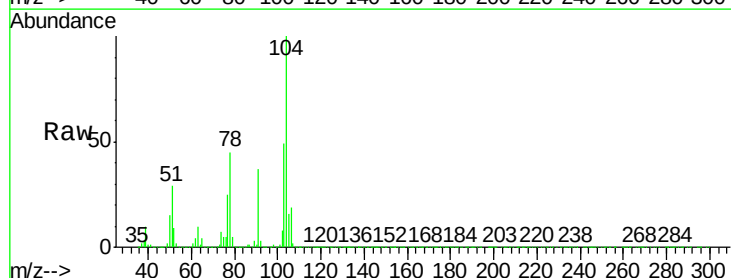
Manual Integrations
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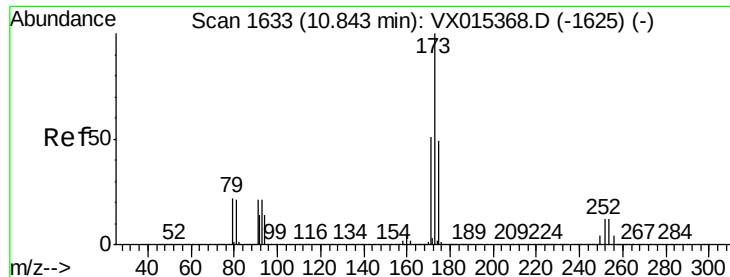
sam
4/10/2020 2:12:29 PM



#70
Styrene
Concen: 50.791 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015584.D
Acq: 09 Apr 2020 10:24

Tgt Ion:104 Resp: 1817370
Ion Ratio Lower Upper
104 100
78 51.5 42.0 63.0
103 54.1 43.4 65.0





#71

Bromoform

Concen: 49.927 ug/l

RT: 10.84 min Scan# 1633

Delta R.T. 0.00 min

Lab File: VX015584.D

Acq: 09 Apr 2020 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 565763

Ion Ratio Lower Upper

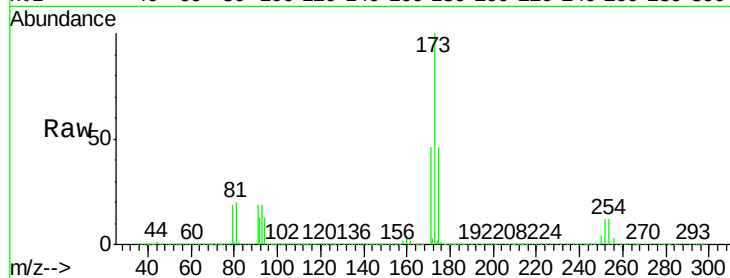
173 100

175 47.4 23.9 71.7

254 0.2 0.1 0.1#

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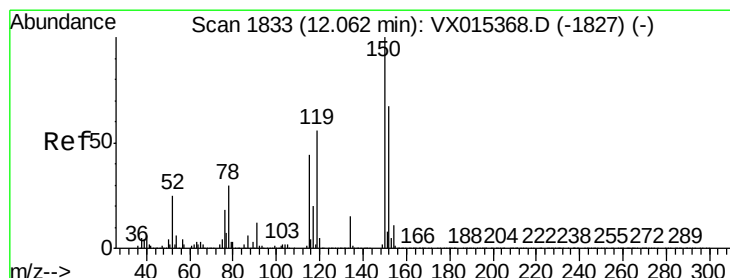
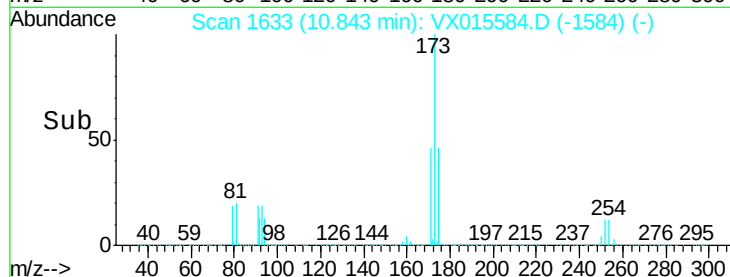
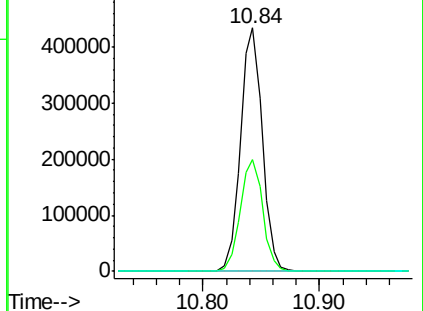
sam
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Abundance Ion 172.70 (172.40 to 173.40): V

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: VX015584.D

Acq: 09 Apr 2020 10:24

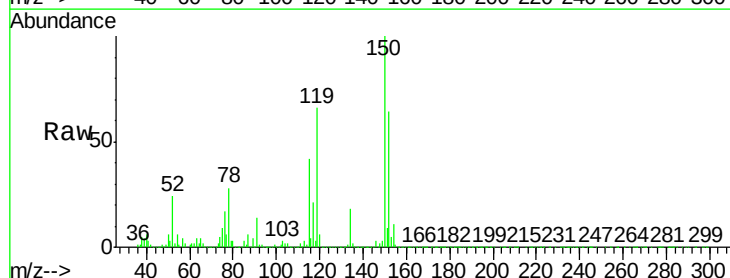
Tgt Ion:152 Resp: 841603

Ion Ratio Lower Upper

152 100

115 80.1 39.0 116.9

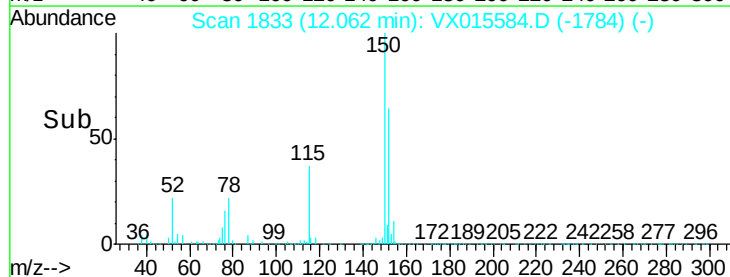
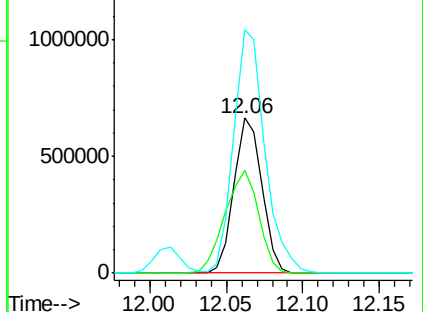
150 175.4 0.0 340.8

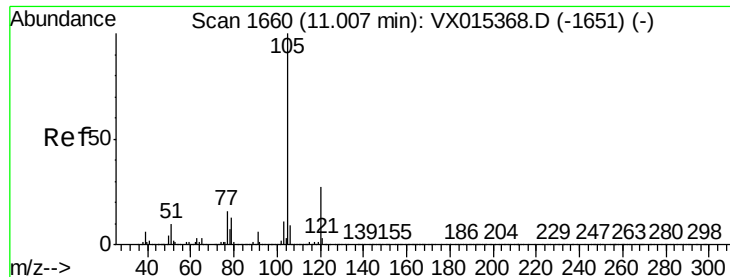


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.924 ug/l

RT: 11.01 min Scan# 1660

Delta R.T. 0.00 min

Lab File: VX015584.D

Acq: 09 Apr 2020 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 2808135

Ion Ratio Lower Upper

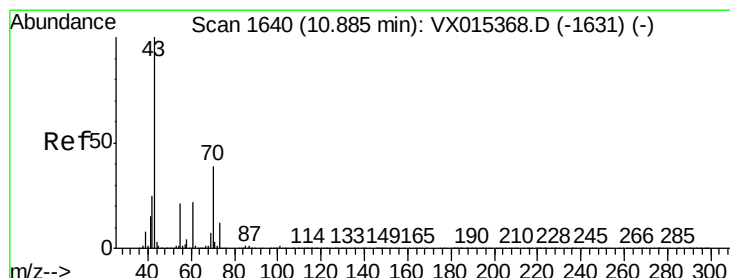
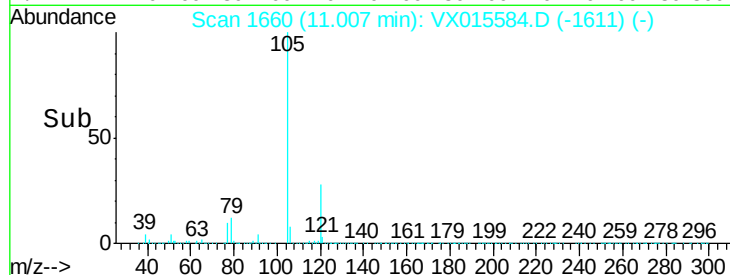
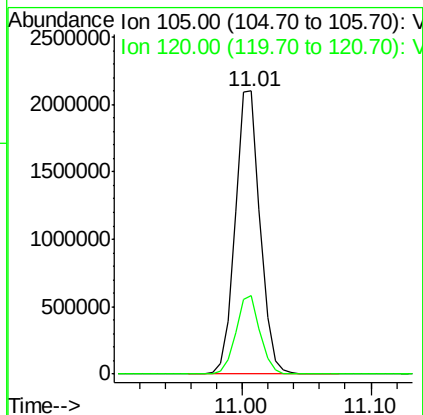
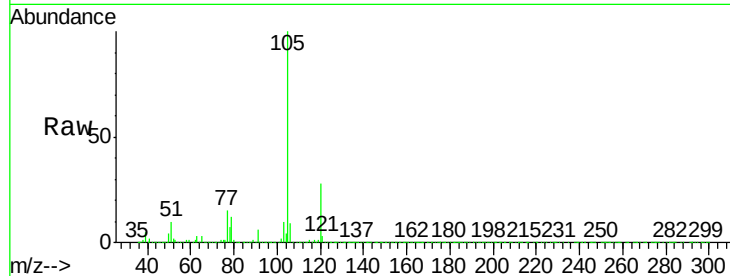
105 100

120 27.1 13.2 39.5

Manual Integrations
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sam

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#74

N-ethyl acetate

Concen: 45.006 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. -0.01 min

Lab File: VX015584.D

Acq: 09 Apr 2020 10:24

Tgt Ion: 43 Resp: 1380319

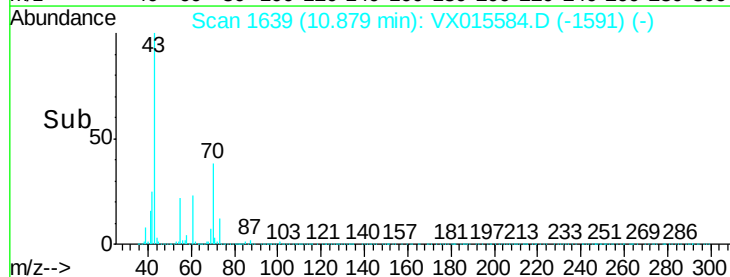
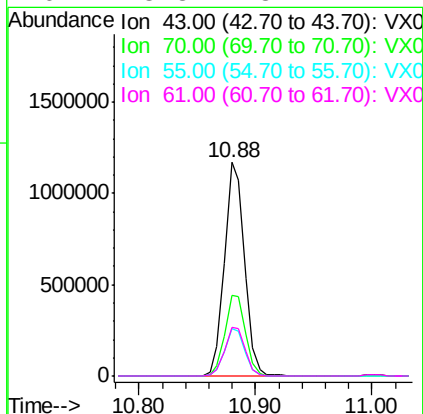
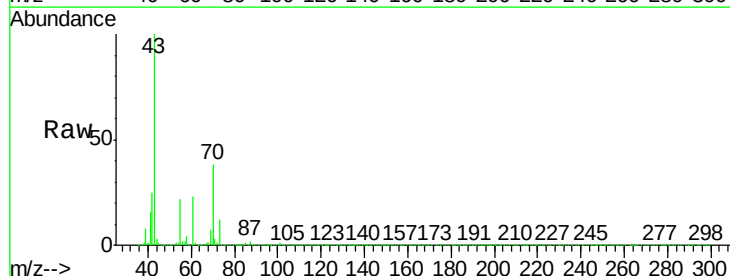
Ion Ratio Lower Upper

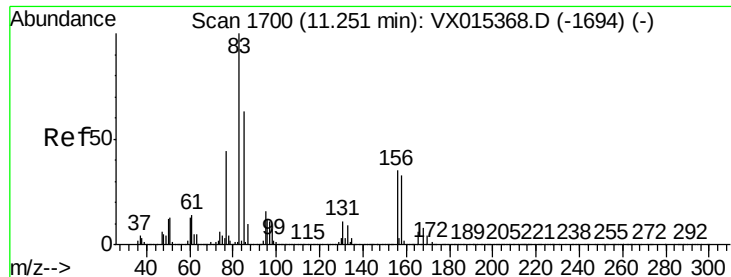
43 100

70 39.1 30.2 45.4

55 22.3 16.8 25.2

61 23.3 18.2 27.2





#75

1,1,2,2-Tetrachloroethane

Concen: 45.783 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015584.D

Acq: 09 Apr 2020 10:24

Instrument :

MSVOA_X

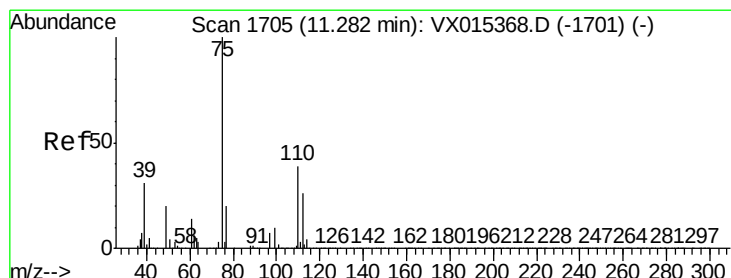
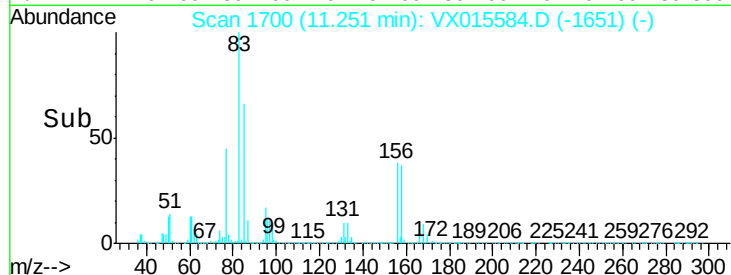
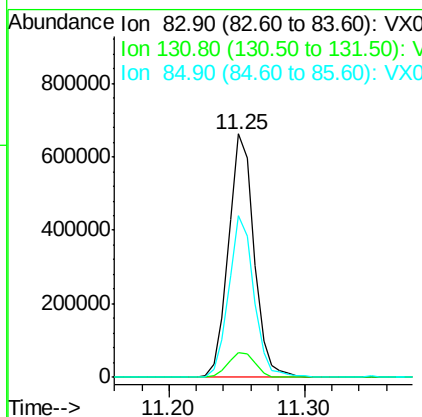
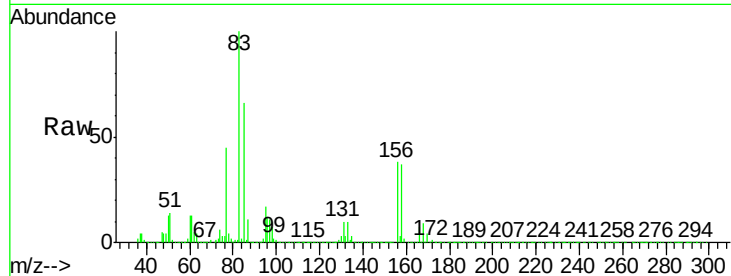
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	866301
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.3	16.1
85	65.2	32.0	96.0

Manual Integrations
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sam
4/10/2020 2:12:29 PM



#76

1,2,3-Trichloropropane

Concen: 48.258 ug/l m

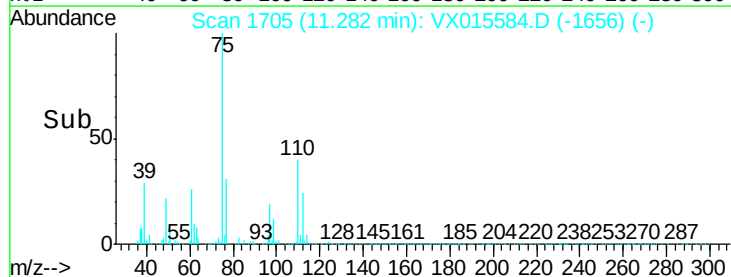
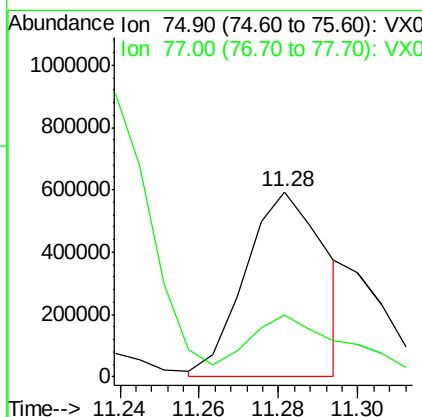
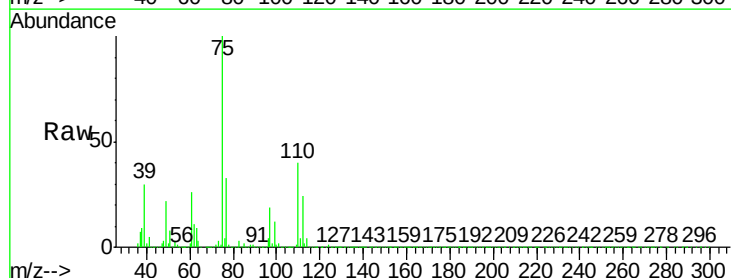
RT: 11.28 min Scan# 1705

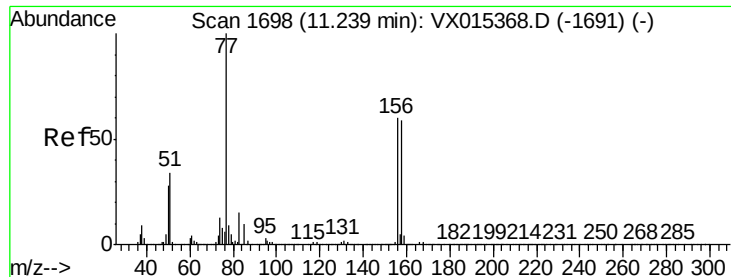
Delta R.T. 0.00 min

Lab File: VX015584.D

Acq: 09 Apr 2020 10:24

Tgt Ion:	75	Resp:	835191
Ion Ratio	Lower	Upper	
75	100		
77	40.7	21.2	63.6





#77

Bromobenzene

Concen: 50.338 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015584.D

Acq: 09 Apr 2020 10:24

Instrument :

MSVOA_X

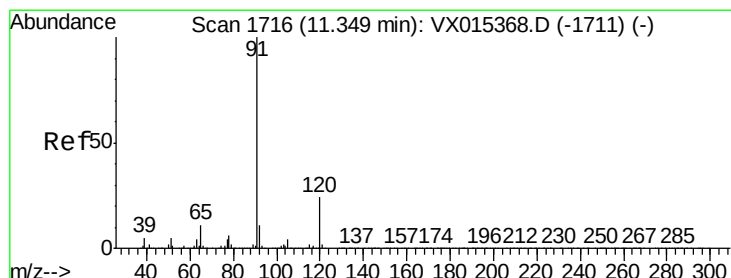
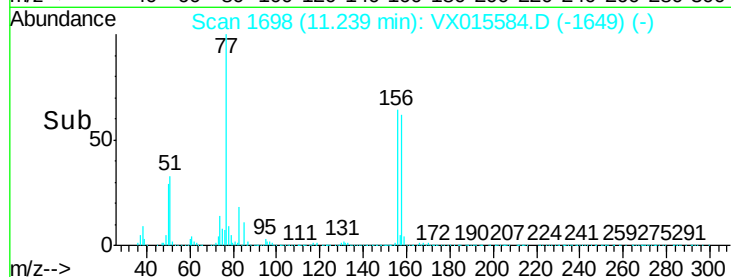
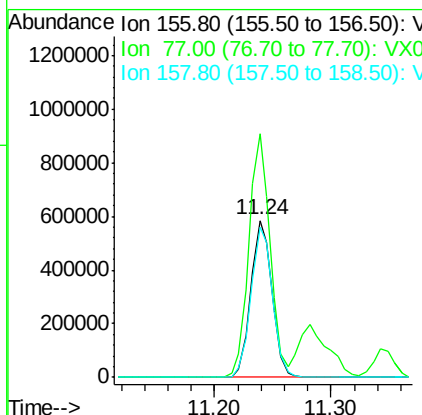
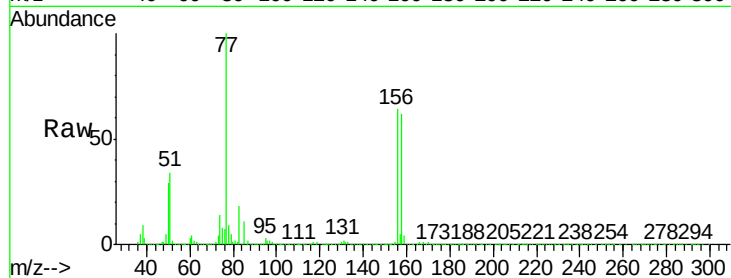
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	740415
Ion Ratio	Lower	Upper	
156	100		
77	156.1	82.2	246.5
158	97.1	49.3	147.9

Manual Integrations
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#78

n-propylbenzene

Concen: 50.930 ug/l

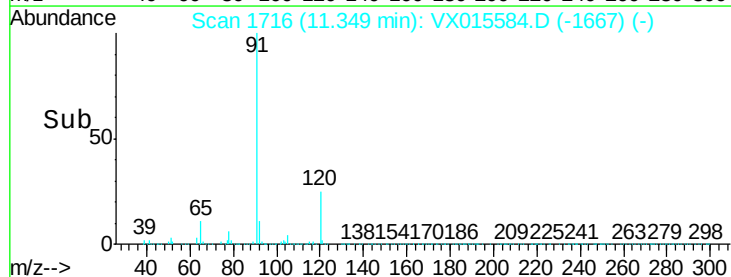
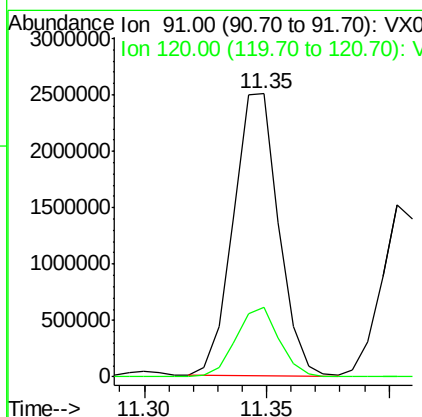
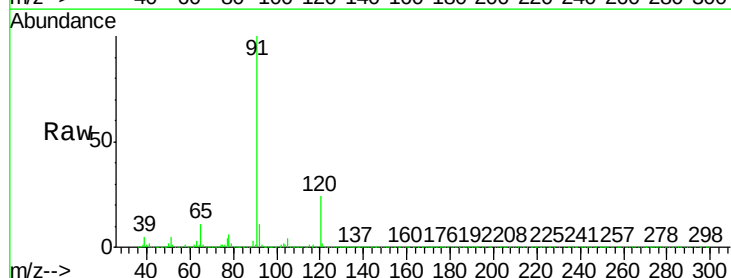
RT: 11.35 min Scan# 1716

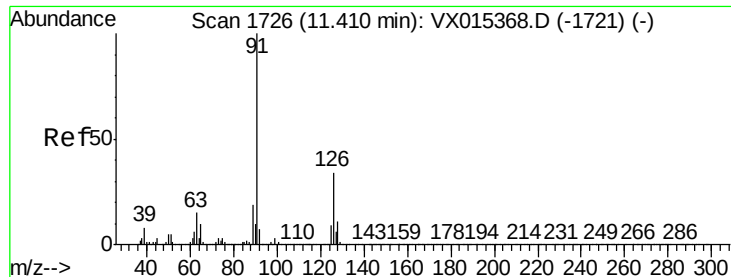
Delta R.T. 0.00 min

Lab File: VX015584.D

Acq: 09 Apr 2020 10:24

Tgt Ion:	91	Resp:	3211356
Ion Ratio	Lower	Upper	
91	100		
120	23.5	11.7	35.0





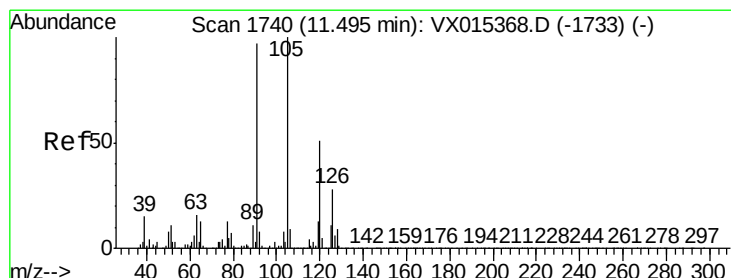
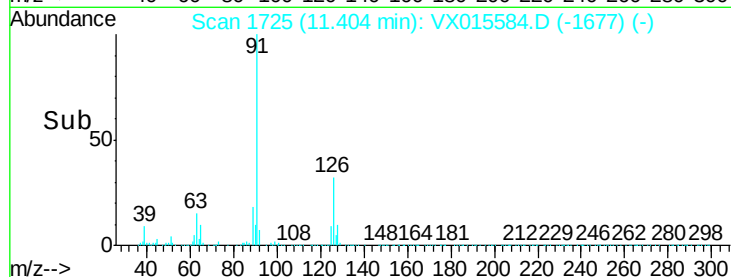
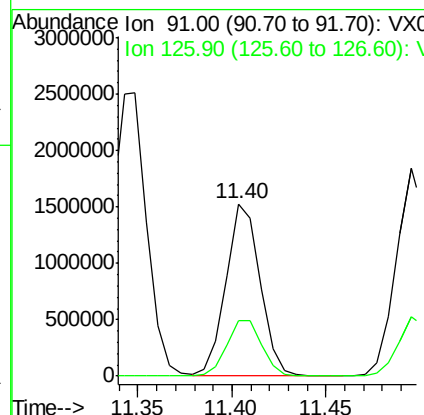
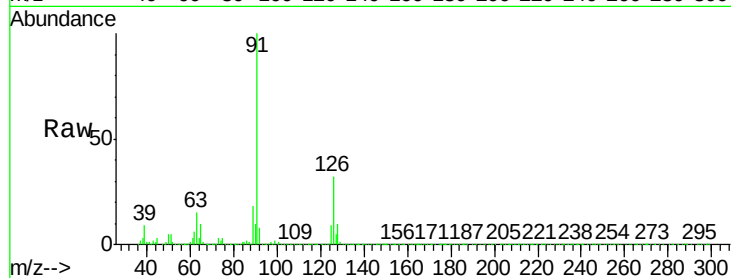
#79
2-Chlorotoluene
Concen: 49.450 ug/l
RT: 11.40 min Scan# 1725
Delta R.T. -0.01 min
Lab File: VX015584.D
Acq: 09 Apr 2020 10:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1911144
Ion Ratio Lower Upper
91 100
126 33.8 16.5 49.5

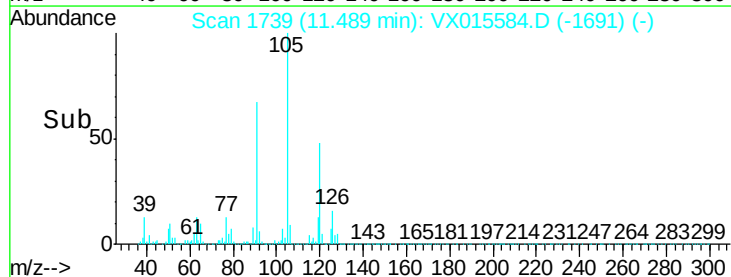
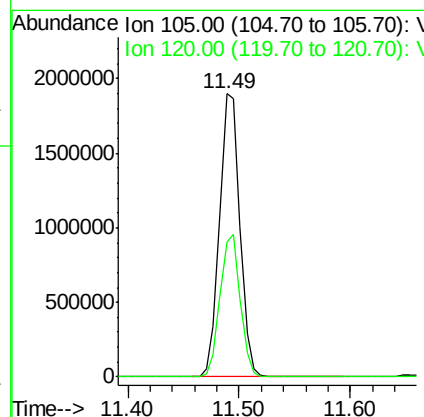
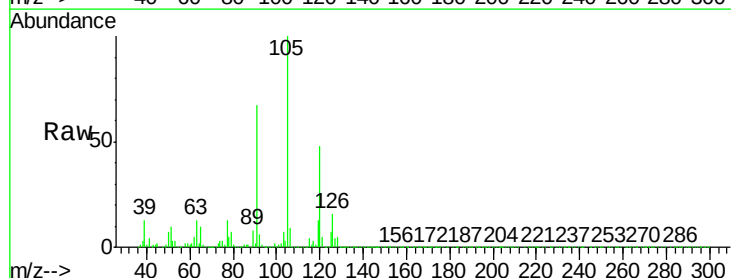
Manual Integrations
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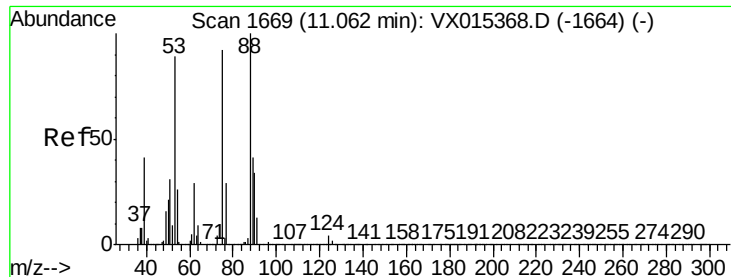
sam
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#80
1,3,5-Trimethylbenzene
Concen: 51.033 ug/l
RT: 11.49 min Scan# 1739
Delta R.T. -0.01 min
Lab File: VX015584.D
Acq: 09 Apr 2020 10:24

Tgt Ion: 105 Resp: 2403383
Ion Ratio Lower Upper
105 100
120 50.0 24.8 74.4





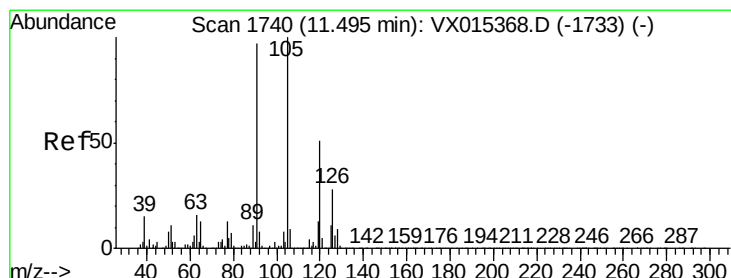
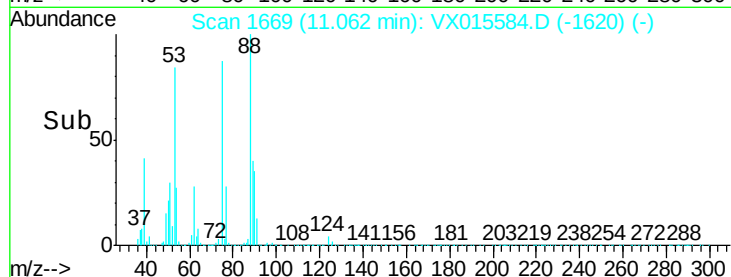
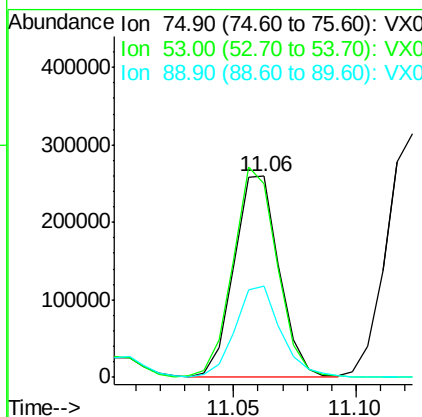
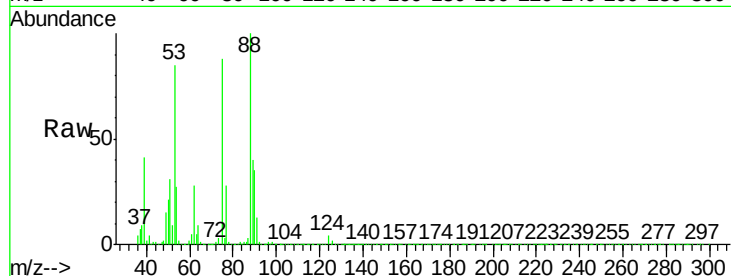
#81
trans-1,4-Dichloro-2-butene
Concen: 45.746 ug/l
RT: 11.06 min Scan# 1669
Delta R.T. 0.00 min
Lab File: VX015584.D
Acq: 09 Apr 2020 10:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	101.9	80.1	120.1
89	46.8	36.1	54.1

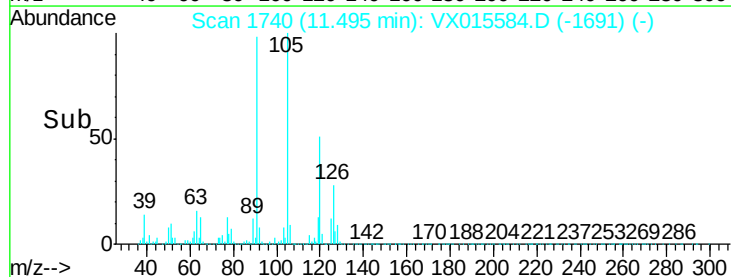
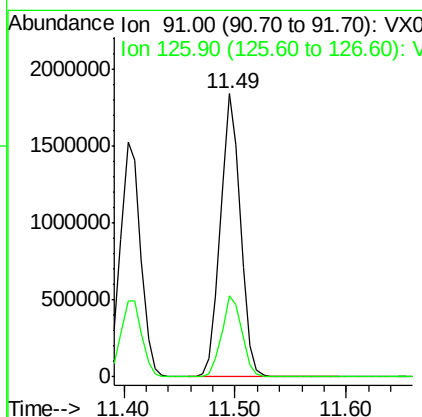
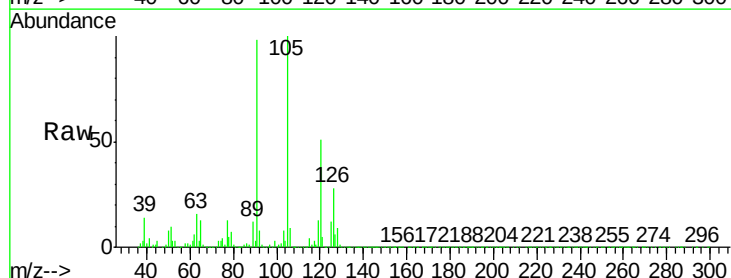
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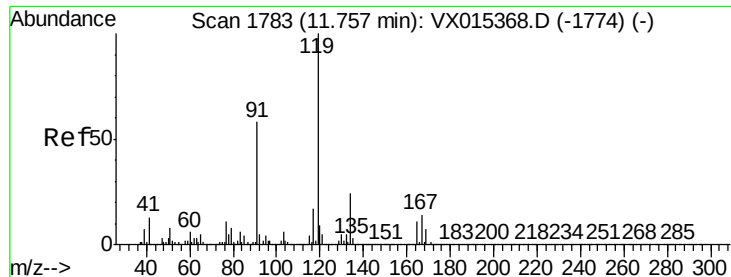
sam
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#82
4-Chlorotoluene
Concen: 50.425 ug/l
RT: 11.49 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VX015584.D
Acq: 09 Apr 2020 10:24

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.9	14.7	44.1





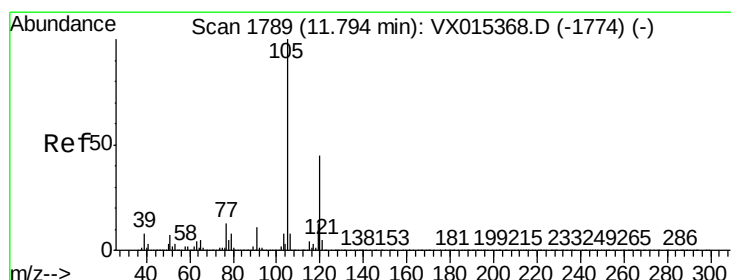
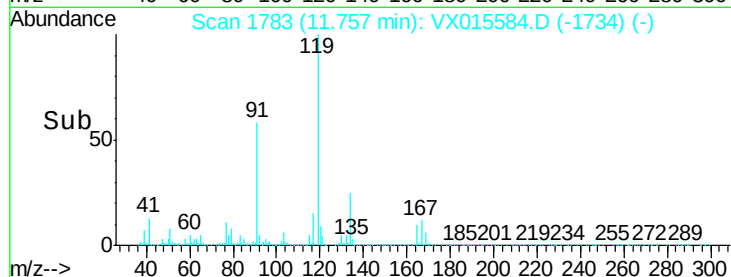
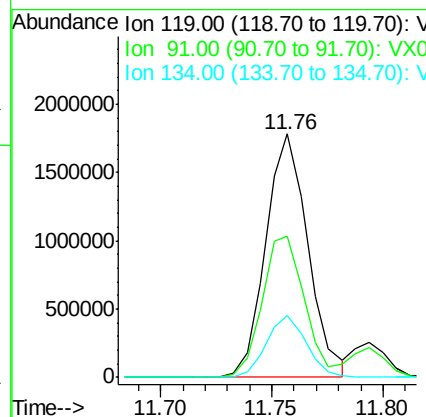
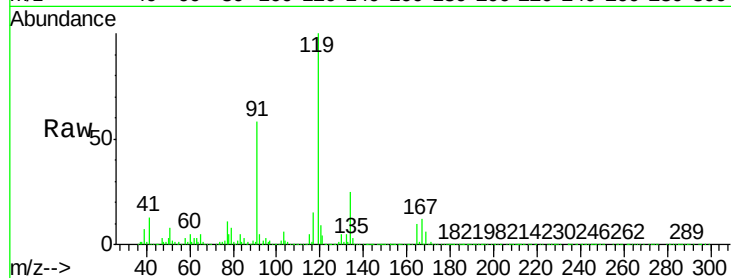
#83
 tert-Butylbenzene
 Concen: 51.034 ug/l
 RT: 11.76 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX015584.D
 Acq: 09 Apr 2020 10:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	57.4	28.6	85.8
134	23.9	11.8	35.3

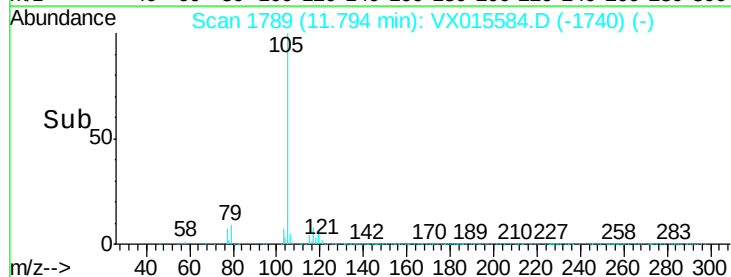
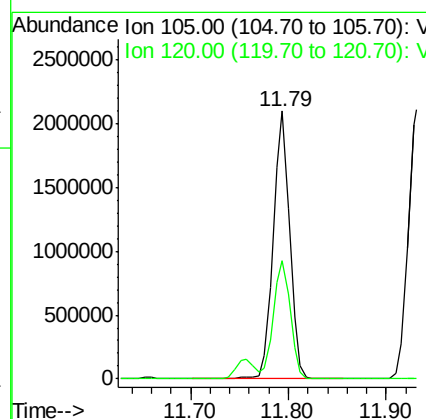
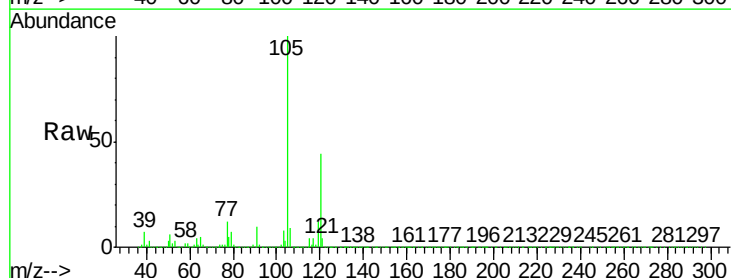
Manual Integrations
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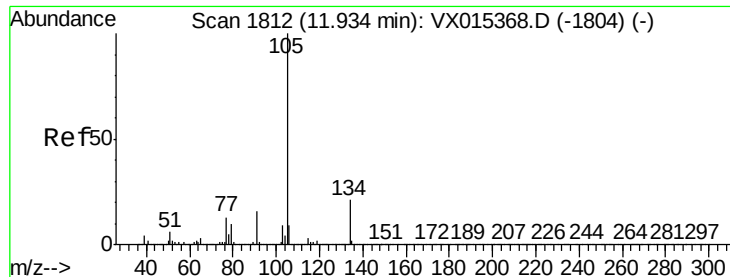
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#84
 1,2,4-Trimethylbenzene
 Concen: 50.797 ug/l
 RT: 11.79 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX015584.D
 Acq: 09 Apr 2020 10:24

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.6	22.7	68.1





#85

sec-Butylbenzene

Concen: 52.095 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VX015584.D

Acq: 09 Apr 2020 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 2771578

Ion Ratio Lower Upper

105 100

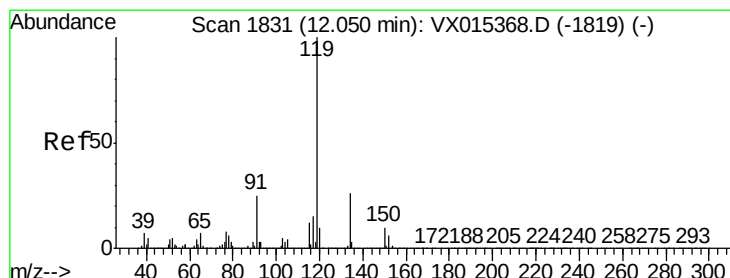
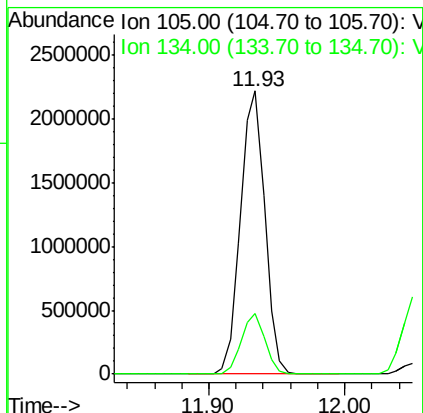
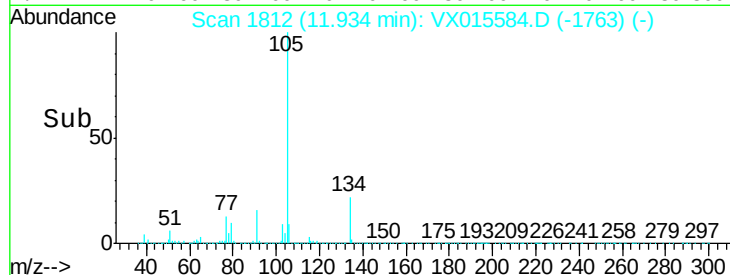
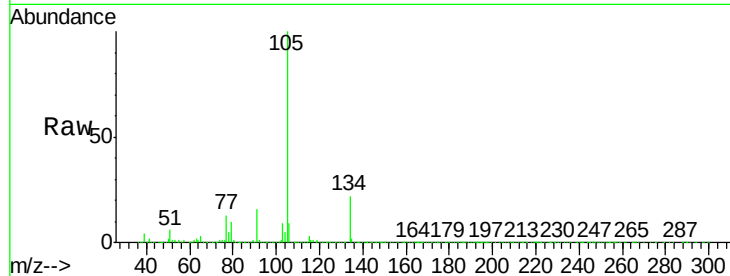
134 20.9 10.4 31.1

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 53.509 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VX015584.D

Acq: 09 Apr 2020 10:24

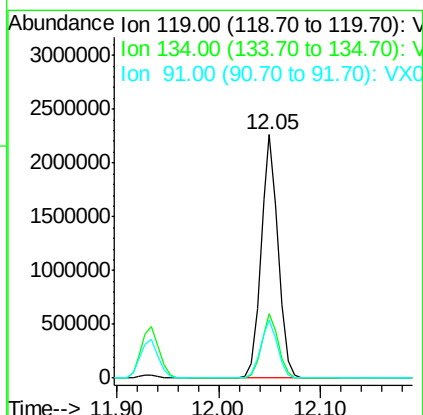
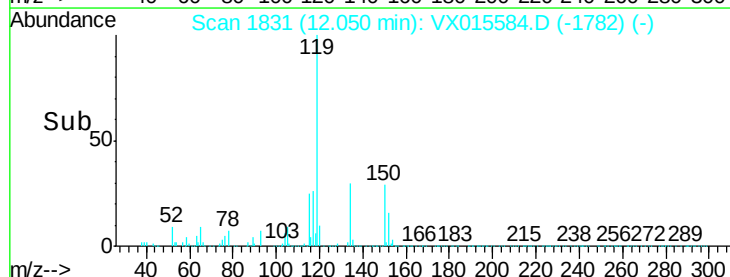
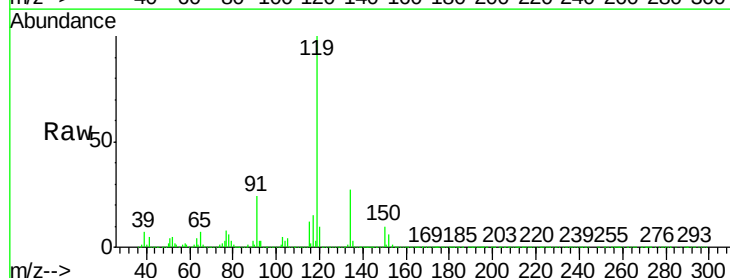
Tgt Ion:119 Resp: 2642815

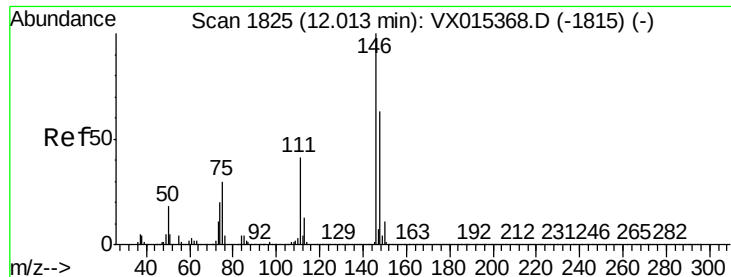
Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.3

91 23.9 12.4 37.4





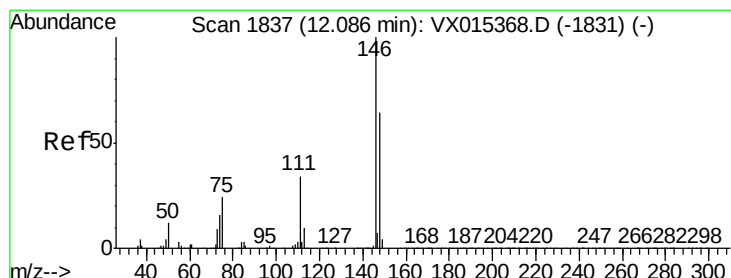
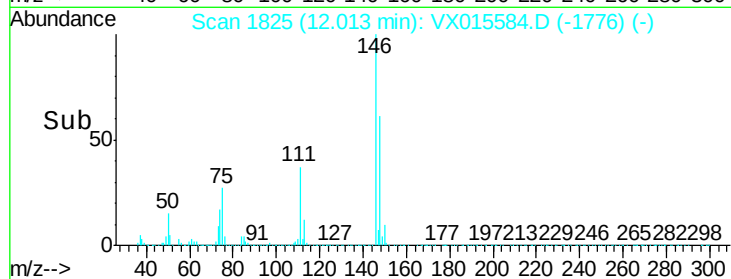
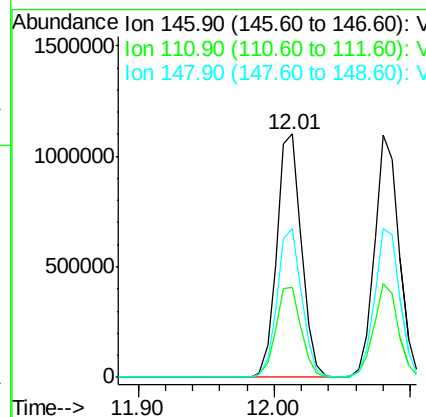
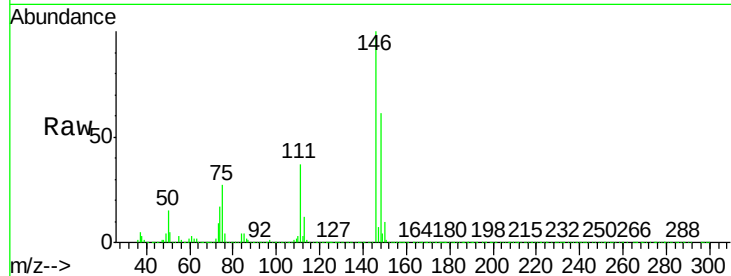
#87
 1,3-Dichlorobenzene
 Concen: 52.820 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: VX015584.D
 Acq: 09 Apr 2020 10:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	20.3	60.9
148	60.8	31.3	93.9

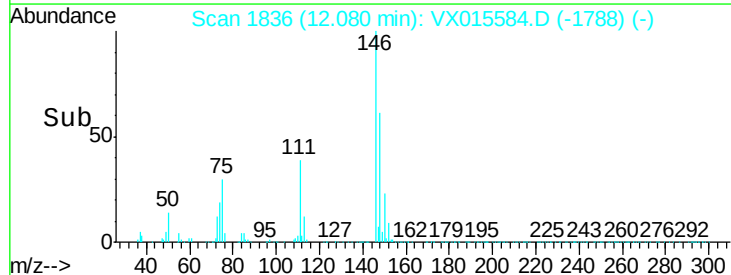
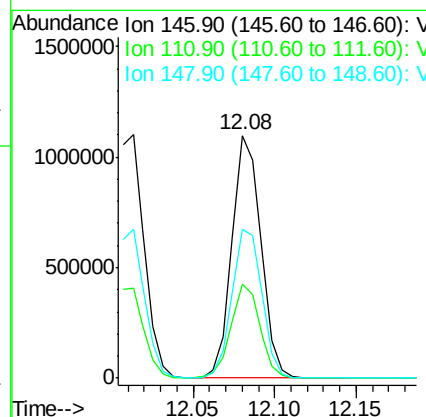
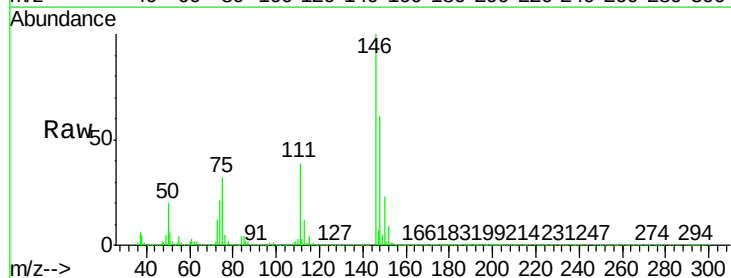
Manual Integrations
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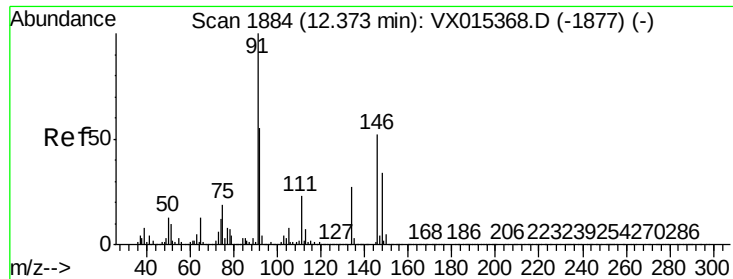
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#88
 1,4-Dichlorobenzene
 Concen: 50.436 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: VX015584.D
 Acq: 09 Apr 2020 10:24

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.1	57.5
148	63.5	32.4	97.2





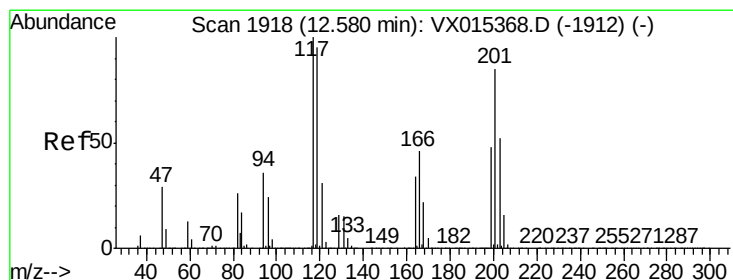
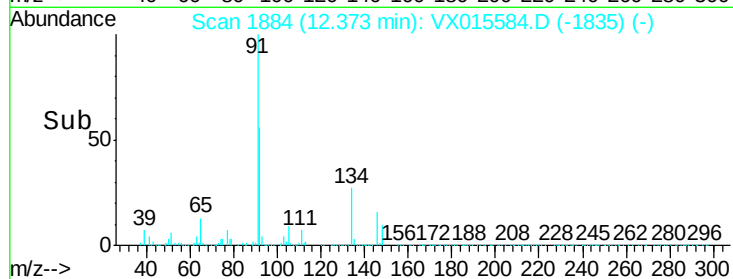
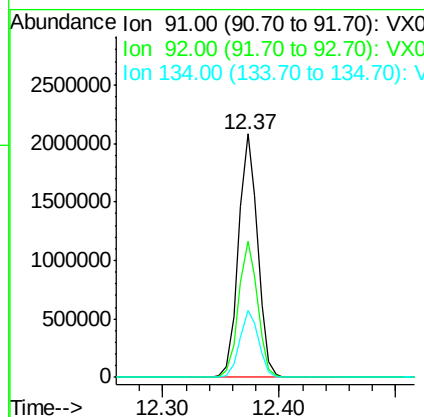
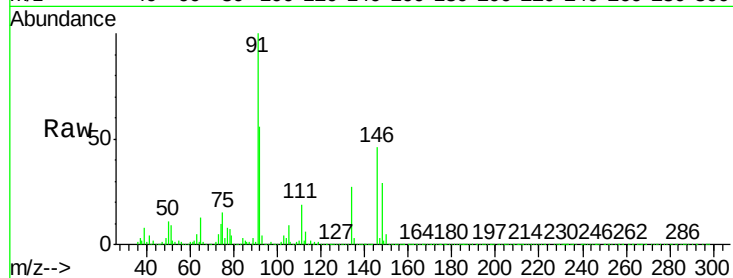
#89
n-Butylbenzene
Concen: 53.267 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VX015584.D
Acq: 09 Apr 2020 10:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 2377438
Ion Ratio Lower Upper
91 100
92 55.5 27.2 81.5
134 27.3 13.4 40.2

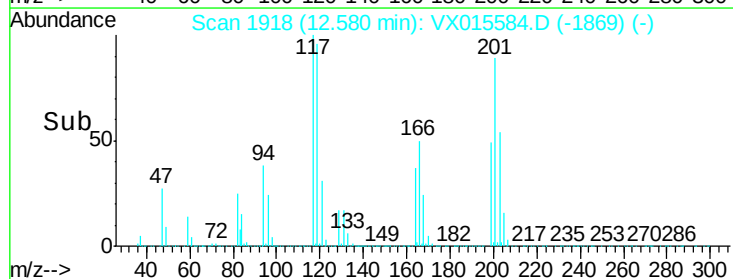
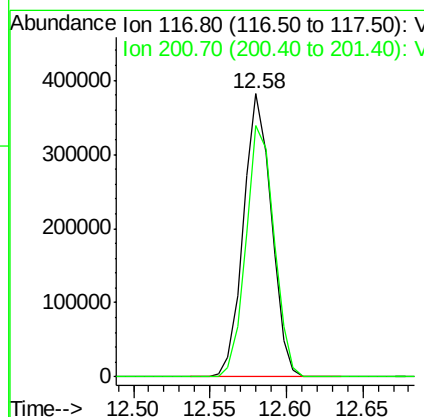
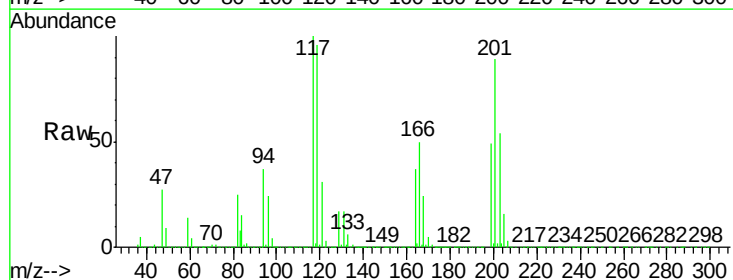
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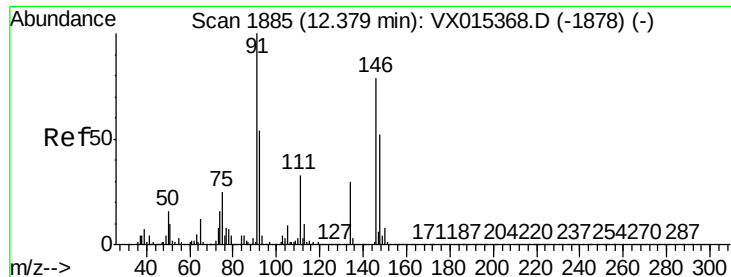
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#90
Hexachloroethane
Concen: 50.260 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VX015584.D
Acq: 09 Apr 2020 10:24

Tgt Ion: 117 Resp: 483157
Ion Ratio Lower Upper
117 100
201 89.7 42.6 128.0





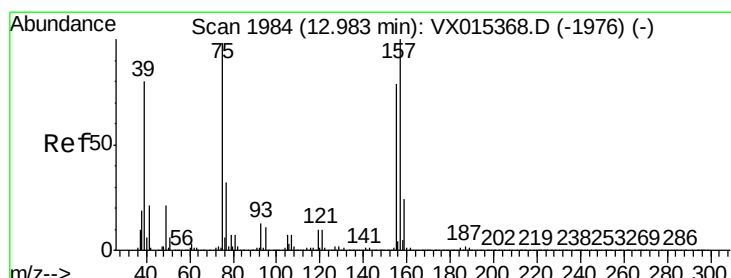
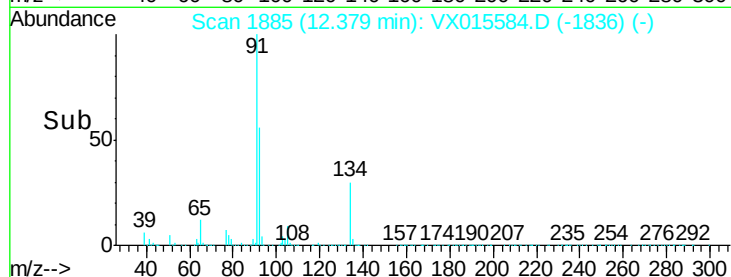
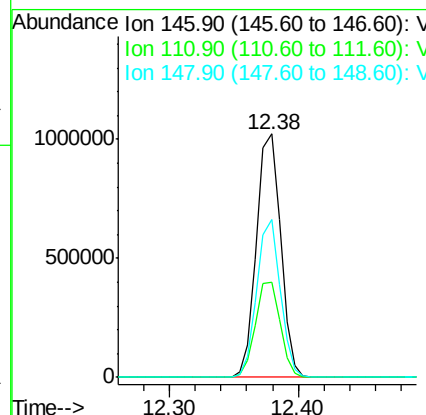
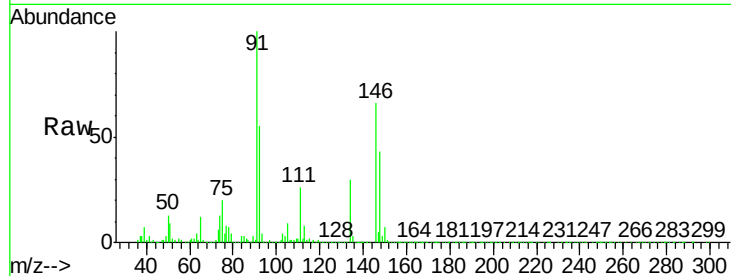
#91
 1,2-Dichlorobenzene
 Concen: 51.190 ug/l
 RT: 12.38 min Scan# 1885
 Delta R.T. 0.00 min
 Lab File: VX015584.D
 Acq: 09 Apr 2020 10:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	21.0	63.0
148	62.9	32.4	97.0

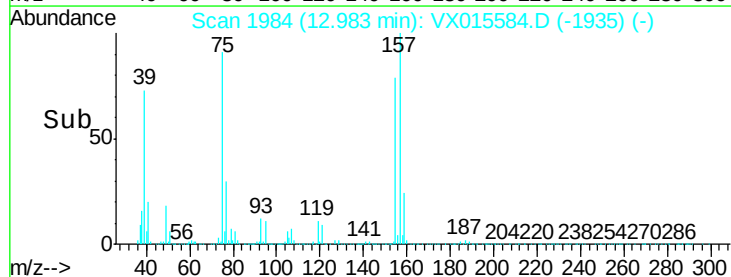
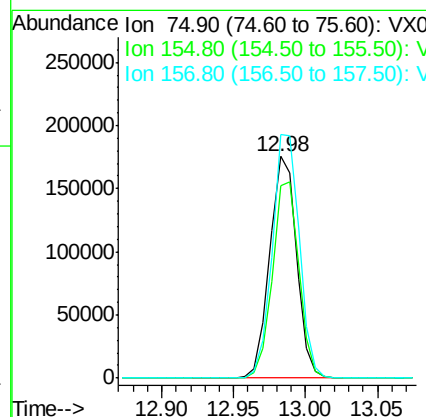
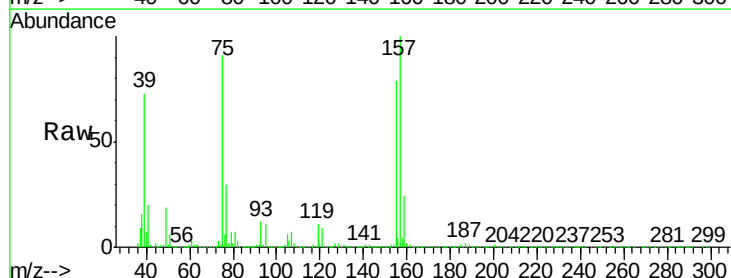
Manual Integrations
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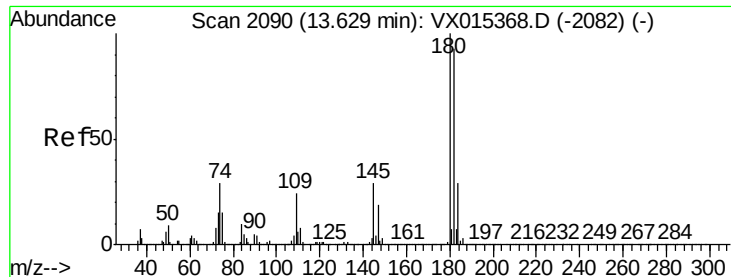
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 42.202 ug/l
 RT: 12.98 min Scan# 1984
 Delta R.T. 0.00 min
 Lab File: VX015584.D
 Acq: 09 Apr 2020 10:24

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.7	42.8	128.4
157	111.7	53.4	160.3





#93

1,2,4-Trichlorobenzene

Concen: 50.328 ug/l

RT: 13.63 min Scan# 2090

Delta R.T. 0.00 min

Lab File: VX015584.D

Acq: 09 Apr 2020 10:24

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:180 Resp: 1025859

Ion Ratio Lower Upper

180 100

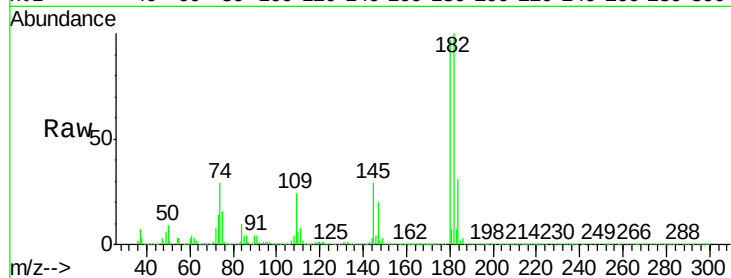
182 99.3 46.9 140.7

145 29.7 14.9 44.5

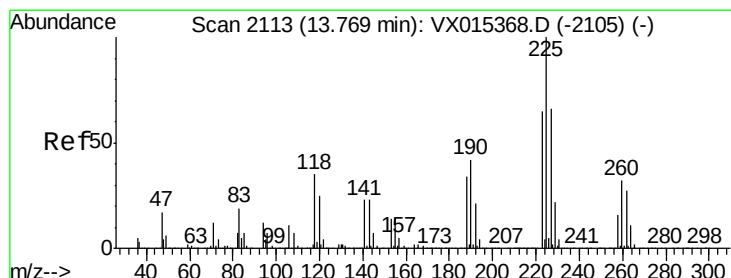
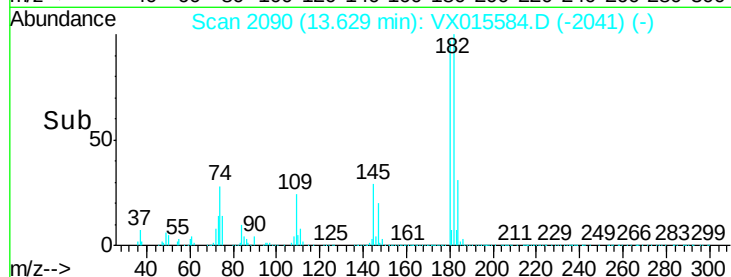
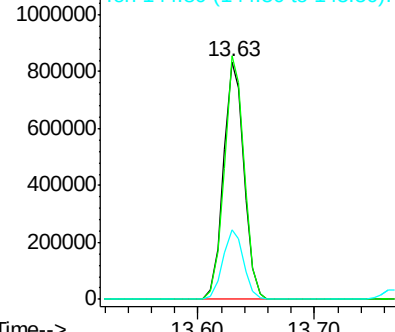
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Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 54.565 ug/l

RT: 13.77 min Scan# 2113

Delta R.T. 0.00 min

Lab File: VX015584.D

Acq: 09 Apr 2020 10:24

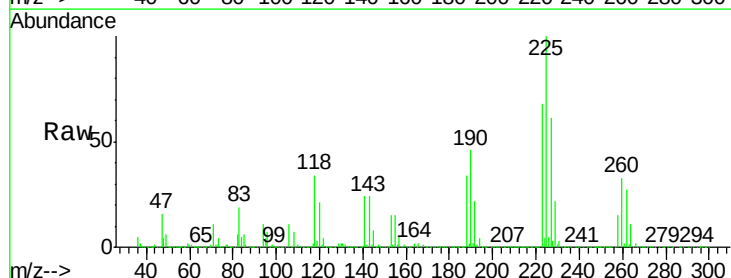
Tgt Ion:225 Resp: 529540

Ion Ratio Lower Upper

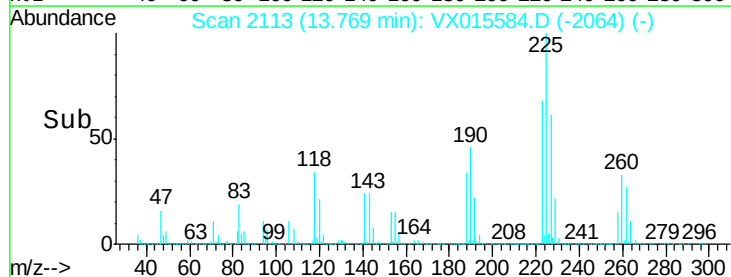
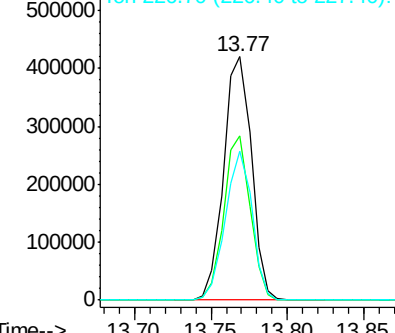
225 100

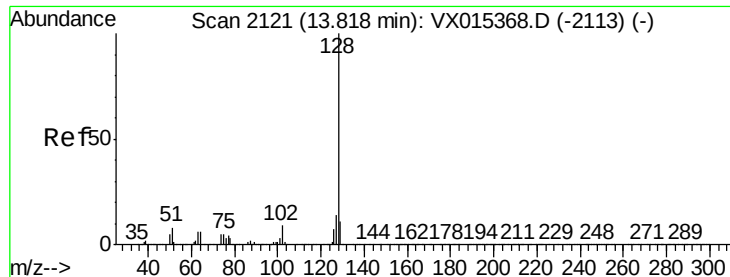
223 64.1 31.9 95.7

227 59.1 30.4 91.3



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





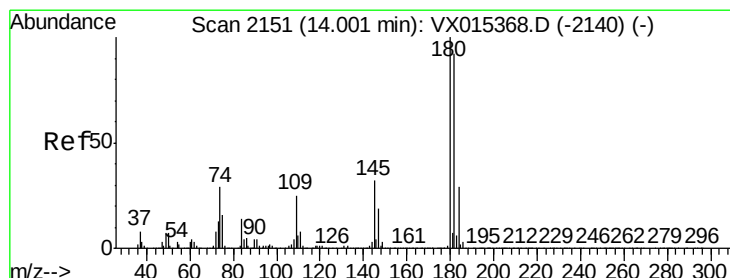
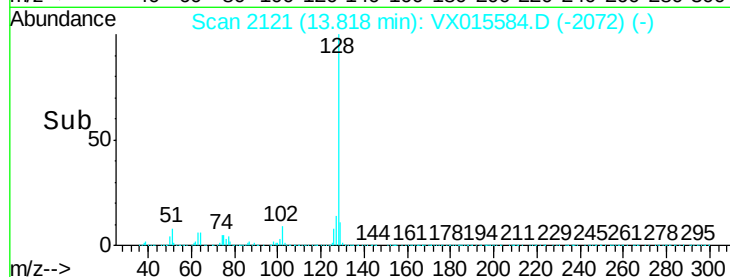
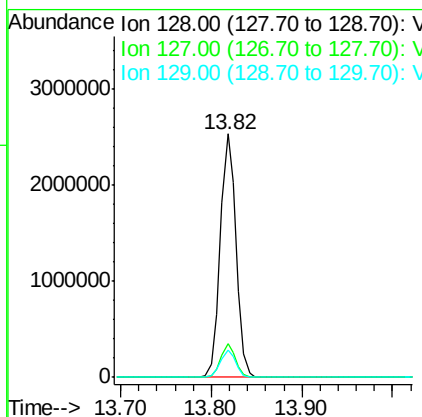
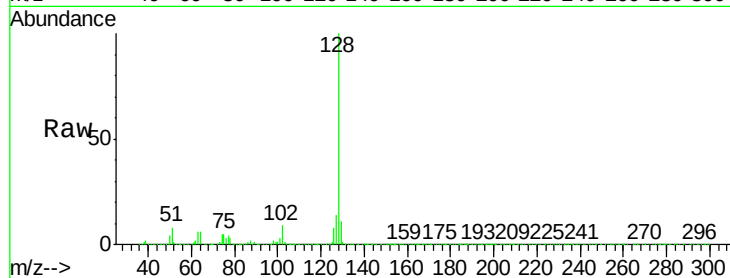
#95
Naphthalene
Concen: 49.378 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015584.D
Acq: 09 Apr 2020 10:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.6	15.8
129	10.8	8.8	13.2

Manual Integrations
APPROVED

sam
4/10/2020 2:12:29 PM



#96
1,2,3-Trichlorobenzene
Concen: 54.625 ug/l
RT: 14.01 min Scan# 2152
Delta R.T. 0.01 min
Lab File: VX015584.D
Acq: 09 Apr 2020 10:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	89.9	46.7	140.0
145	29.9	15.8	47.3

