

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042518\
 Data File : VX001133.D
 Acq On : 25 Apr 2018 21:11
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Sohil
 4/27/2018 1:48:39 AM

Quant Time: Apr 27 01:41:11 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 20 05:03:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	157200	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	219950	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	207703	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	137064	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	84420	42.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.72%	
35) Dibromofluoromethane	5.51	113	67379	40.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.34%	
50) Toluene-d8	8.72	98	232132	37.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.86%	
62) 4-Bromofluorobenzene	11.14	95	93970	36.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	71564	36.71	ug/l	96
3) Chloromethane	1.32	50	68548	37.76	ug/l	99
4) Vinyl Chloride	1.40	62	72931	38.76	ug/l	99
5) Bromomethane	1.64	94	52169	47.92	ug/l	95
6) Chloroethane	1.73	64	44837	40.10	ug/l	98
7) Trichlorofluoromethane	1.93	101	111772	39.54	ug/l	100
8) Diethyl Ether	2.19	74	42890	41.08	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	61143	36.92	ug/l	99
10) Methyl Iodide	2.51	142	40762	28.75	ug/l	97
11) Tert butyl alcohol	3.08	59	77257	257.07	ug/l	99
12) 1,1-Dichloroethene	2.38	96	58576	38.24	ug/l	100
13) Acrolein	2.30	56	27764	294.50	ug/l	98
14) Allyl chloride	2.73	41	114400	41.27	ug/l	97
15) Acrylonitrile	3.15	53	189066	232.46	ug/l	100
16) Acetone	2.45	43	175276	233.59	ug/l	99
17) Carbon Disulfide	2.57	76	136476	31.27	ug/l	99
18) Methyl Acetate	2.78	43	119900	52.81	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	213438	41.45	ug/l	100
20) Methylene Chloride	2.86	84	69107	43.50	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	65295	38.30	ug/l	98
22) Diisopropyl ether	3.88	45	208417	38.84	ug/l	98
23) Vinyl Acetate	3.83	43	880347	198.18	ug/l	99
24) 1,1-Dichloroethane	3.70	63	117451	39.02	ug/l	99
25) 2-Butanone	4.71	43	259900	221.88	ug/l	97
26) 2,2-Dichloropropane	4.59	77	89212	34.46	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	74568	39.26	ug/l	99
28) Bromochloromethane	5.03	49	53436	46.17	ug/l	97
29) Tetrahydrofuran	5.18	42	162689	219.79	ug/l	99
30) Chloroform	5.23	83	125179	40.16	ug/l	99
31) Cyclohexane	5.59	56	91232	32.47	ug/l	97
32) 1,1,1-Trichloroethane	5.51	97	105951	37.91	ug/l	99
36) 1,1-Dichloropropene	5.81	75	86719	33.55	ug/l	100
37) Ethyl Acetate	4.87	43	97191	40.99	ug/l	99
38) Carbon Tetrachloride	5.79	117	88413	33.78	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	89528	29.76	ug/l	98
40) Benzene	6.15	78	267002	37.16	ug/l	99
41) Methacrylonitrile	5.07	41	59331	40.07	ug/l	99
42) 1,2-Dichloroethane	6.21	62	108481	39.33	ug/l	100
43) Isopropyl Acetate	6.48	43	157687	38.77	ug/l	99
44) Trichloroethene	7.22	130	78028	35.54	ug/l	100
45) 1,2-Dichloropropane	7.52	63	69888	38.68	ug/l	99
46) Dibromomethane	7.67	93	49168	38.95	ug/l	99
47) Bromodichloromethane	7.91	83	87210	37.29	ug/l	98
48) Methyl methacrylate	7.79	41	85099	38.85	ug/l	97
49) 1,4-Dioxane	7.76	88	32872	1020.61	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	522235	211.45	ug/l	99
52) Toluene	8.79	92	170180	36.28	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	103966	37.17	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	96825	36.71	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	71805	38.52	ug/l	97
56) Ethyl methacrylate	9.19	69	106062	38.74	ug/l	98
57) 1,3-Dichloropropane	9.38	76	119645	38.74	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	227681	170.38	ug/l	99
59) 2-Hexanone	9.51	43	397319	210.17	ug/l	97
60) Dibromochloromethane	9.59	129	73470	37.52	ug/l	99
61) 1,2-Dibromoethane	9.68	107	77495	39.39	ug/l	100
64) Tetrachloroethene	9.34	164	78898	35.77	ug/l	99
65) Chlorobenzene	10.15	112	203735	36.84	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	71224	37.52	ug/l	98
67) Ethyl Benzene	10.26	91	325156	35.40	ug/l	99
68) m/p-Xylenes	10.37	106	255915	70.70	ug/l	98
69) o-Xylene	10.71	106	123050	35.26	ug/l	97
70) Styrene	10.72	104	210093	36.55	ug/l	98
71) Bromoform	10.87	173	57716	33.60	ug/l	99
73) Isopropylbenzene	11.02	105	326074	36.39	ug/l	99
74) N-amyl acetate	6.48	43	157687	41.14	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	107619	42.43	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	101262m	42.58	ug/l	
77) Bromobenzene	11.26	156	99045	38.08	ug/l	98
78) n-propylbenzene	11.37	91	368933	35.86	ug/l	99
79) 2-Chlorotoluene	11.43	91	227150	37.37	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	274634	36.16	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	24054	32.27	ug/l	90
82) 4-Chlorotoluene	11.52	91	273540	37.24	ug/l	99
83) tert-Butylbenzene	11.77	119	274154	35.78	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	282886	36.19	ug/l	99
85) sec-Butylbenzene	11.95	105	315037	34.44	ug/l	100
86) p-Isopropyltoluene	12.07	119	289430	34.21	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	174871	35.91	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	180801	36.17	ug/l	99
89) n-Butylbenzene	12.40	91	248429	33.00	ug/l	100
90) Hexachloroethane	12.60	117	40497	33.78	ug/l	95
91) 1,2-Dichlorobenzene	12.40	146	178167	37.80	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	22375	42.11	ug/l	95

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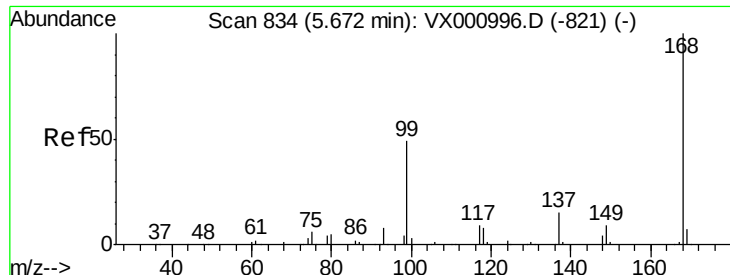
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	129222	32.66	ug/l	99
94) Hexachlorobutadiene	13.79	225	47013	26.26	ug/l	100
95) Naphthalene	13.84	128	365450	37.55	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	127991	33.44	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001133.D

Acq: 25 Apr 2018 21:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 157200

Ion Ratio Lower Upper

168 100

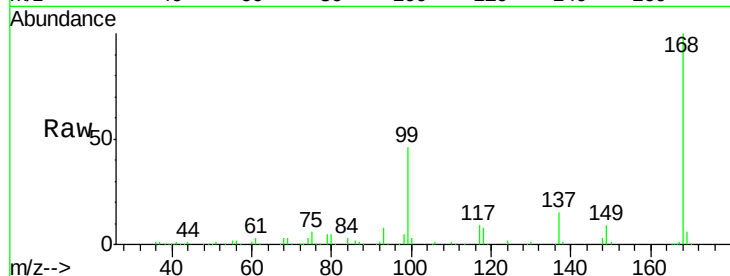
99 46.3 39.2 58.8

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

50000

40000

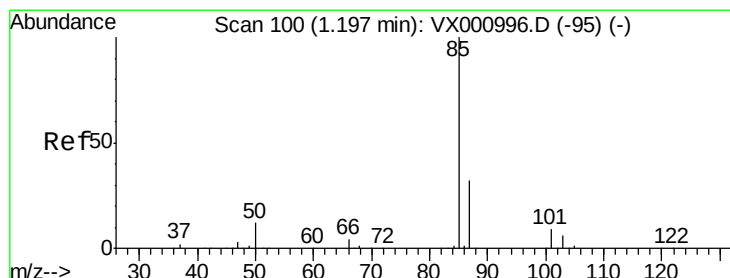
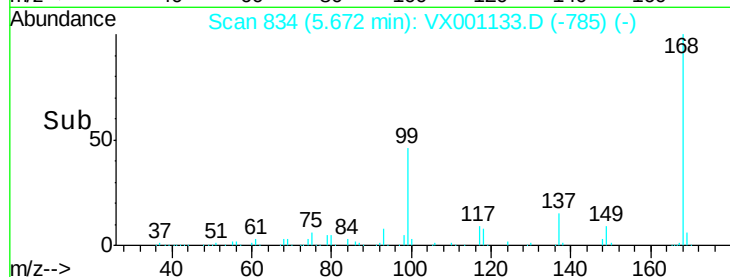
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 36.71 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001133.D

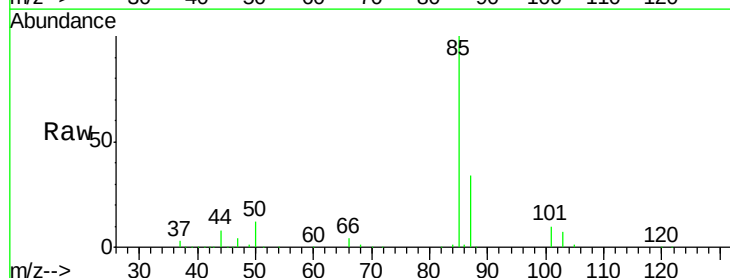
Acq: 25 Apr 2018 21:11

Tgt Ion: 85 Resp: 71564

Ion Ratio Lower Upper

85 100

87 33.9 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80000

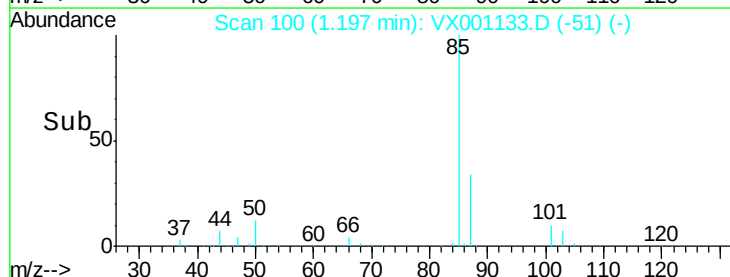
60000

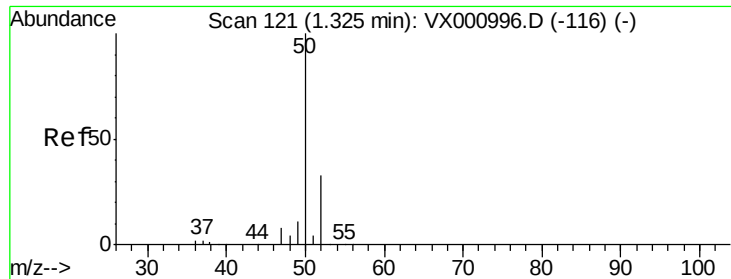
40000

20000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 37.76 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001133.D

Acq: 25 Apr 2018 21:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 68548

Ion Ratio Lower Upper

50 100

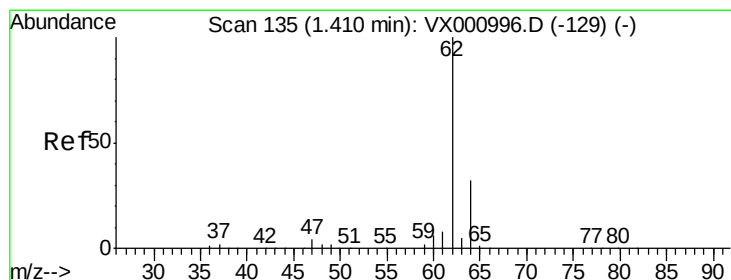
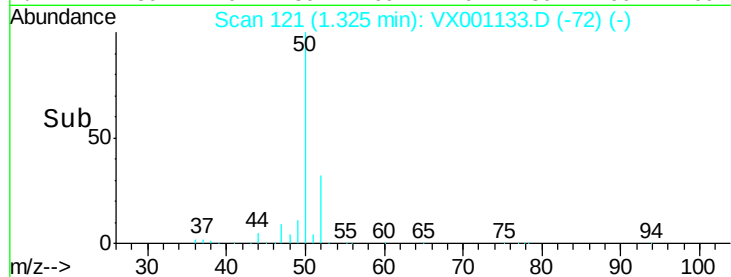
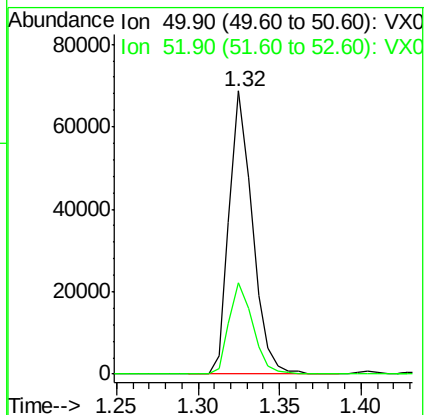
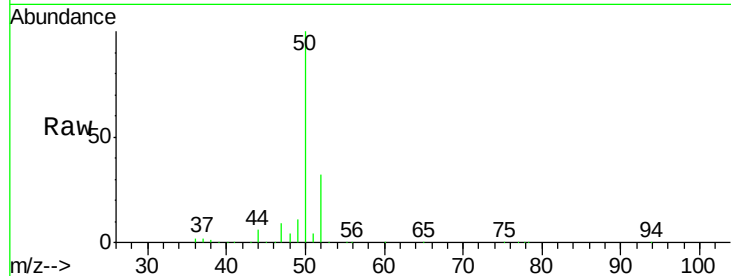
52 32.4 26.3 39.5

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#4

Vinyl Chloride

Concen: 38.76 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX001133.D

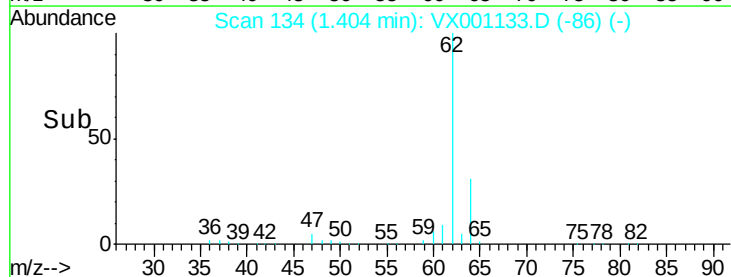
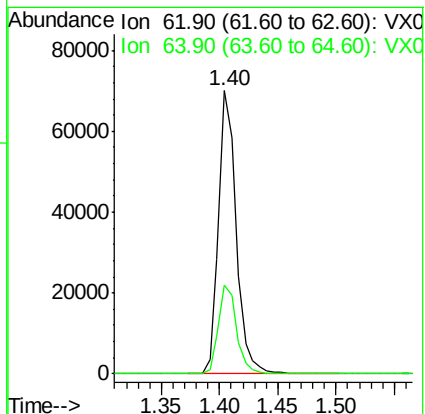
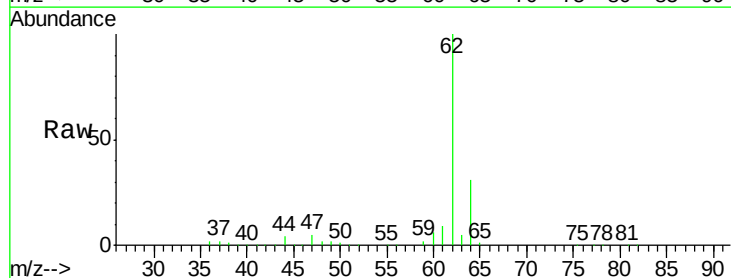
Acq: 25 Apr 2018 21:11

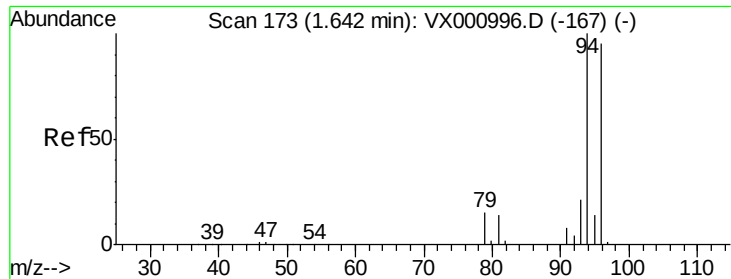
Tgt Ion: 62 Resp: 72931

Ion Ratio Lower Upper

62 100

64 31.3 25.6 38.4





#5

Bromomethane

Concen: 47.92 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX001133.D

Acq: 25 Apr 2018 21:11

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 52169

Ion Ratio Lower Upper

94 100

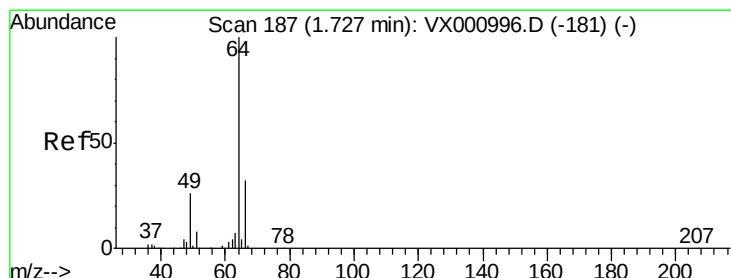
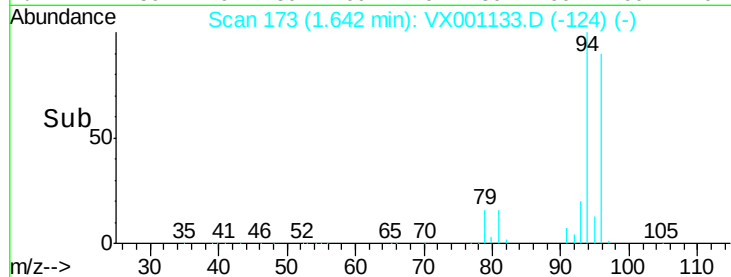
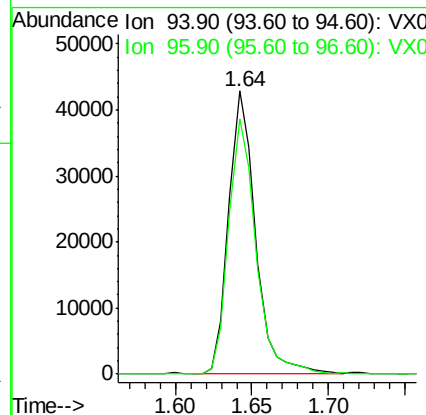
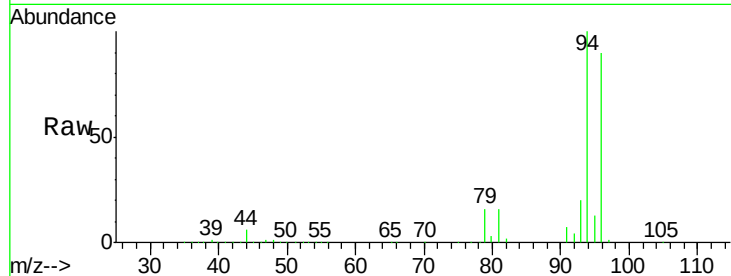
96 90.3 76.0 114.0

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#6

Chloroethane

Concen: 40.10 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX001133.D

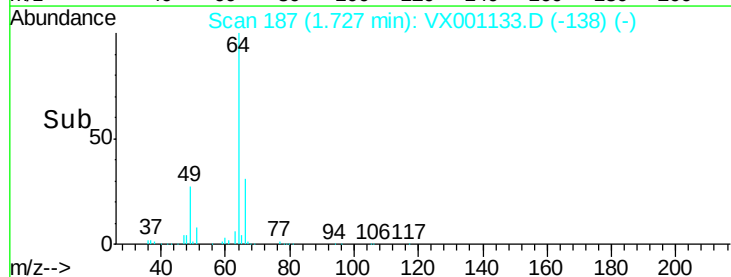
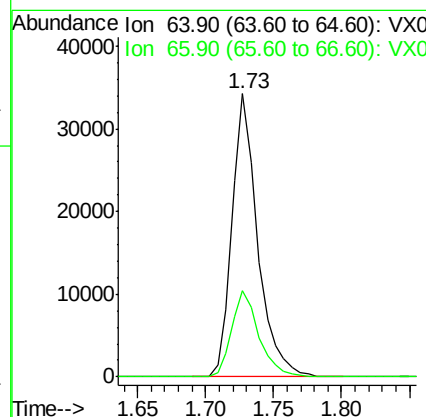
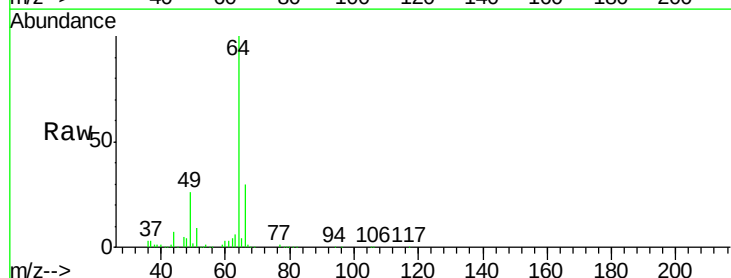
Acq: 25 Apr 2018 21:11

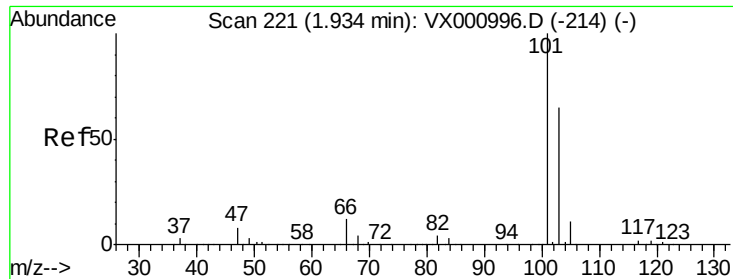
Tgt Ion: 64 Resp: 44837

Ion Ratio Lower Upper

64 100

66 30.4 25.3 37.9





#7

Trichlorofluoromethane

Concen: 39.54 ug/l

RT: 1.93 min Scan# 221

Delta R.T. 0.00 min

Lab File: VX001133.D

Acq: 25 Apr 2018 21:11

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Tot Ion:101 Resp: 111772

Ion Ratio Lower Upper

101 100

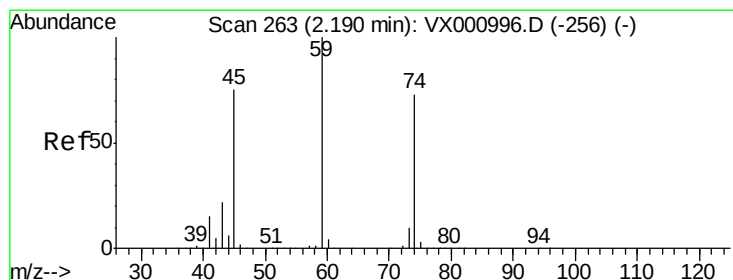
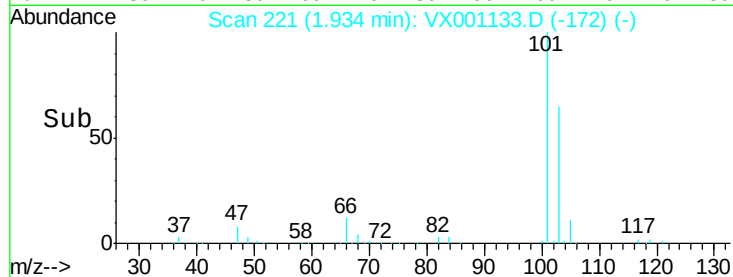
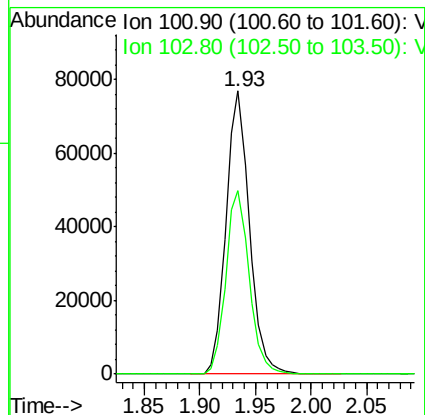
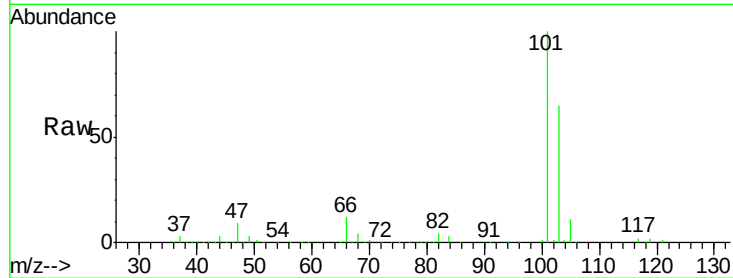
103 65.0 51.8 77.8

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#8

Diethyl Ether

Concen: 41.08 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX001133.D

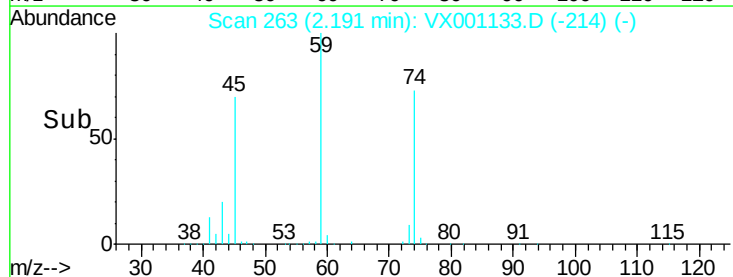
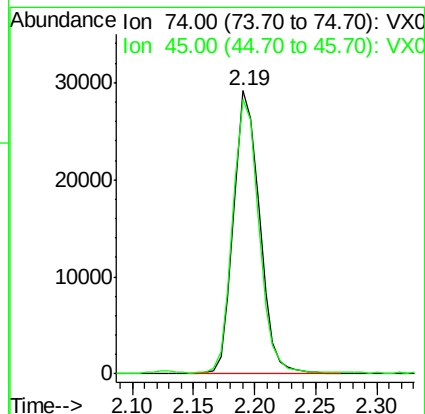
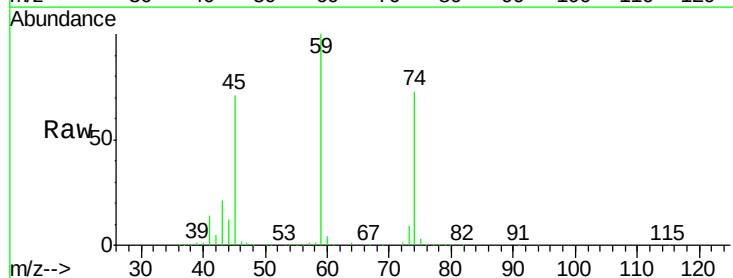
Acq: 25 Apr 2018 21:11

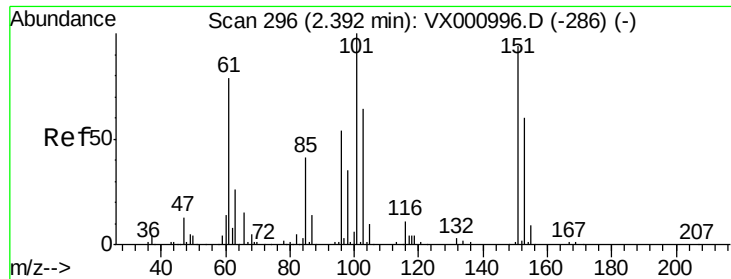
Tgt Ion: 74 Resp: 42890

Ion Ratio Lower Upper

74 100

45 96.8 49.0 147.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 36.92 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.01 min

Lab File: VX001133.D

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MSVOA_X

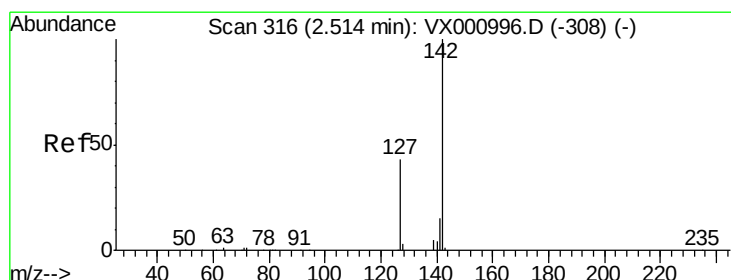
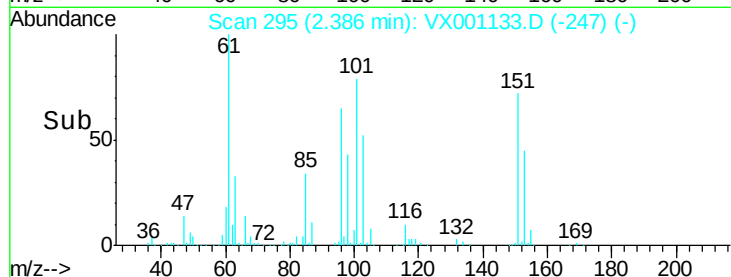
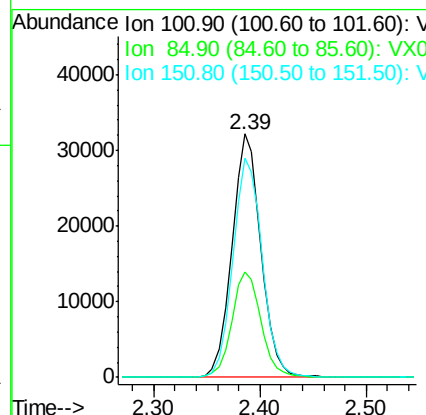
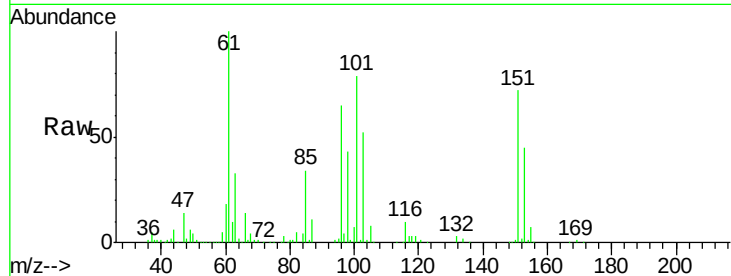
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	61143
Ion	Ratio	Lower	Upper
101	100		
85	43.5	33.9	50.9
151	91.8	73.5	110.3

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#10

Methyl Iodide

Concen: 28.75 ug/l

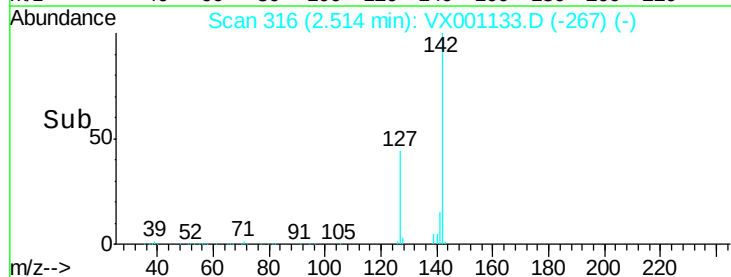
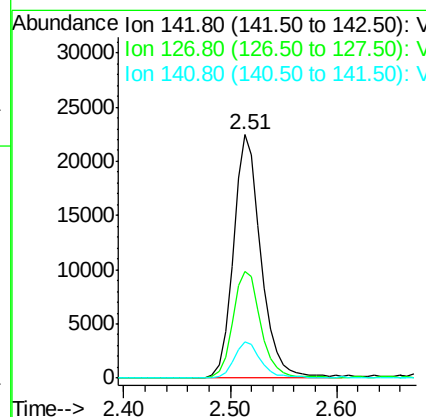
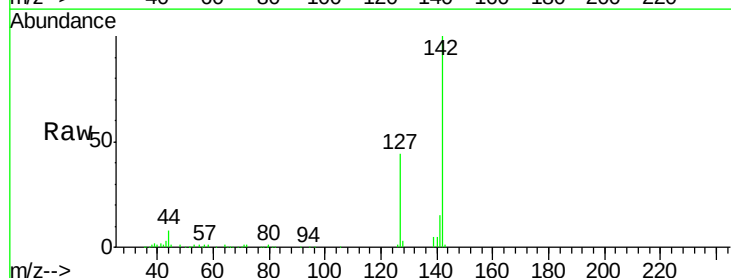
RT: 2.51 min Scan# 316

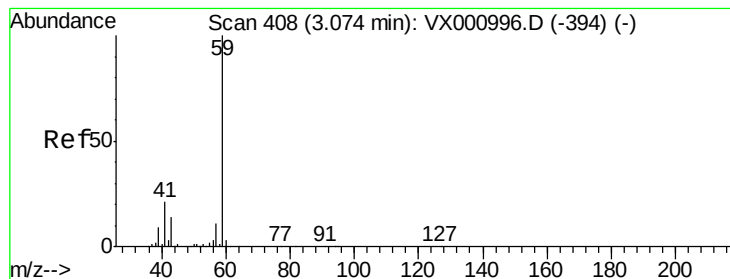
Delta R.T. 0.00 min

Lab File: VX001133.D

Acq: 25 Apr 2018 21:11

Tgt Ion:	142	Resp:	40762
Ion	Ratio	Lower	Upper
142	100		
127	44.5	34.0	51.0
141	14.7	11.4	17.2





#11

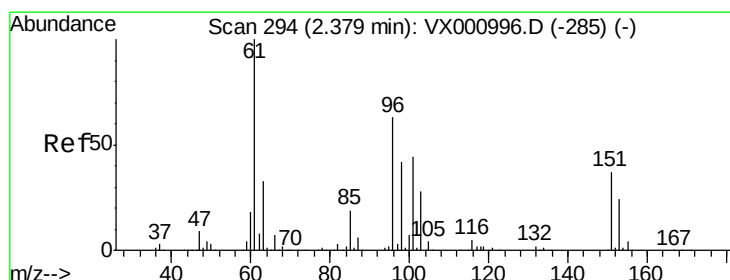
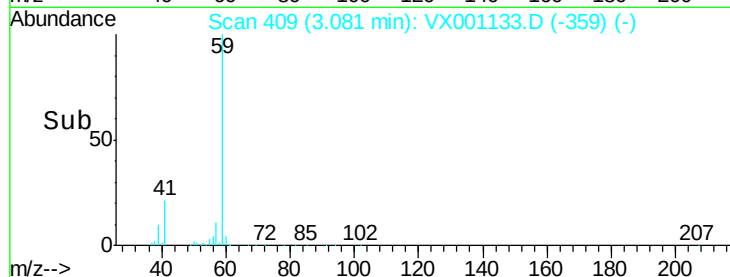
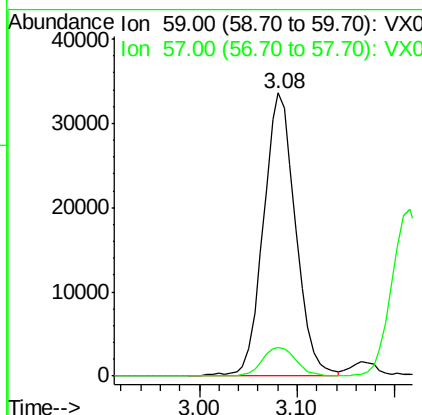
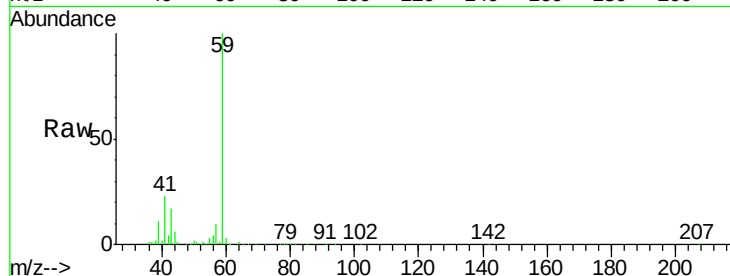
Tert butyl alcohol
Concen: 257.07 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.01 min
Lab File: VX001133.D
Acq: 25 Apr 2018 21:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	59	57	Ratio	100	10.8	Resp:	77257	Lower	8.3	Upper	12.5
Ion	59	57	Ratio	100	10.8	Resp:	77257	Lower	8.3	Upper	12.5

Manual Integrations
APPROVED

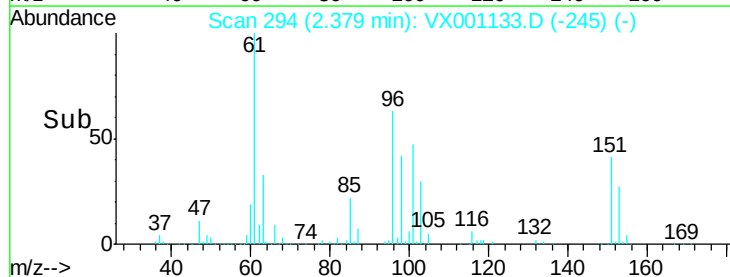
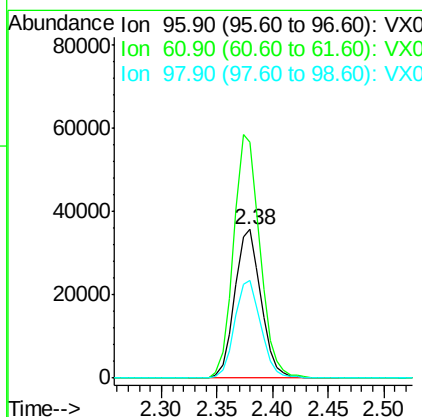
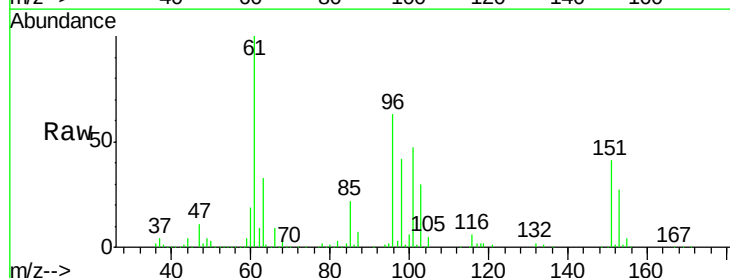
Sohil
4/27/2018 1:48:39 AM

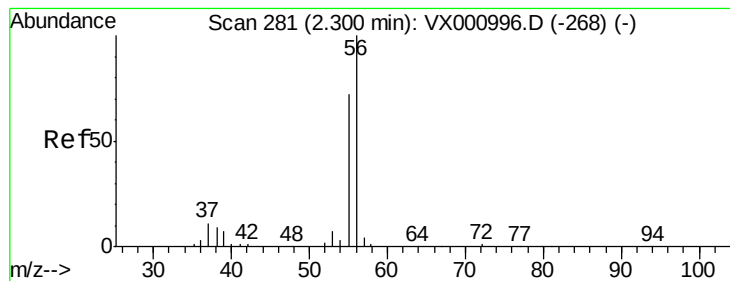


#12

1,1-Dichloroethene
Concen: 38.24 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.00 min
Lab File: VX001133.D
Acq: 25 Apr 2018 21:11

Tgt Ion	96	61	98	Ratio	100	158.2	66.0	Resp:	58576	Lower	126.4	52.6	Upper	189.6	78.8
Ion	96	61	98	Ratio	100	158.2	66.0	Resp:	58576	Lower	126.4	52.6	Upper	189.6	78.8





#13

Acrolein

Concen: 294.50 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX001133.D

Acq: 25 Apr 2018 21:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 27764

Ion Ratio Lower Upper

56 100

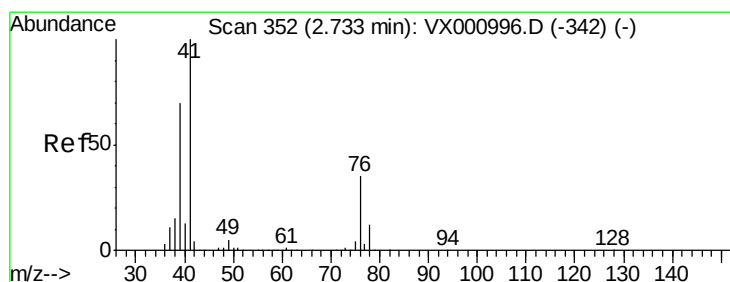
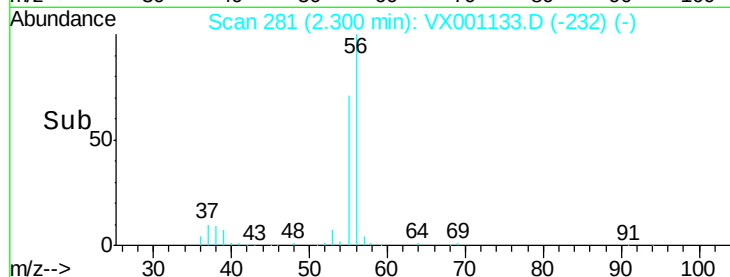
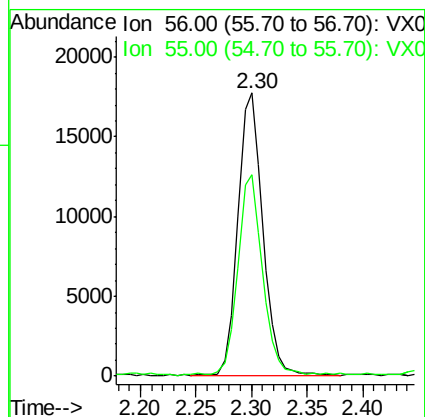
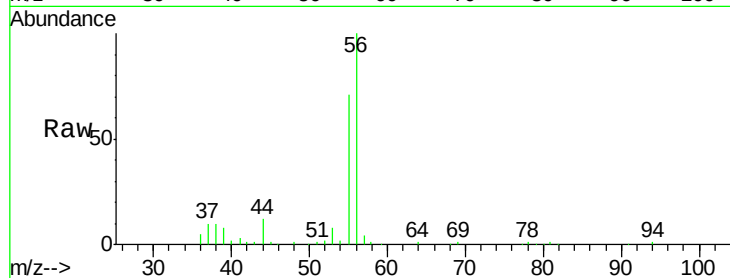
55 70.2 57.4 86.2

Manual Integrations

APPROVED

Sohil

4/27/2018 1:48:39 AM



#14

Allyl chloride

Concen: 41.27 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX001133.D

Acq: 25 Apr 2018 21:11

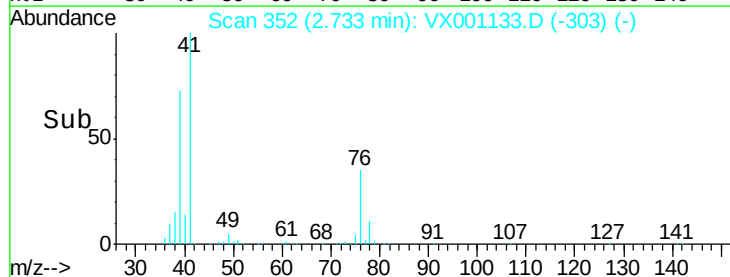
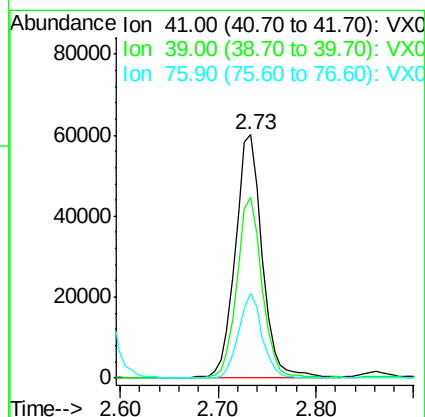
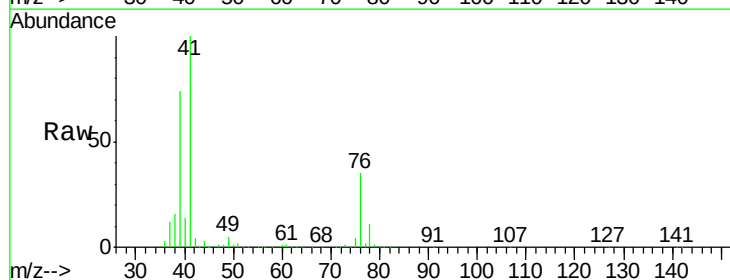
Tgt Ion: 41 Resp: 114400

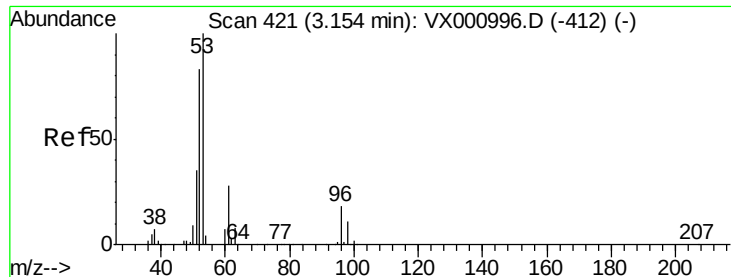
Ion Ratio Lower Upper

41 100

39 69.2 53.0 79.6

76 30.9 25.9 38.9





#15

Acrylonitrile

Concen: 232.46 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001133.D

Acq: 25 Apr 2018 21:11

Instrument :

MSVOA_X

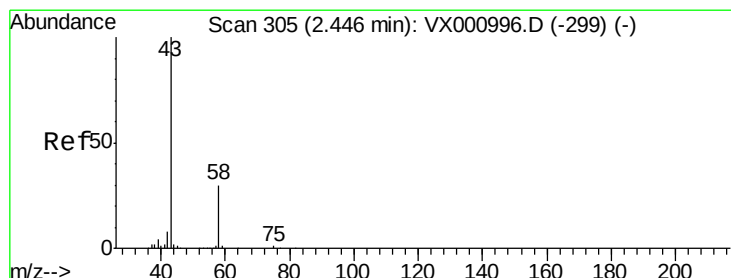
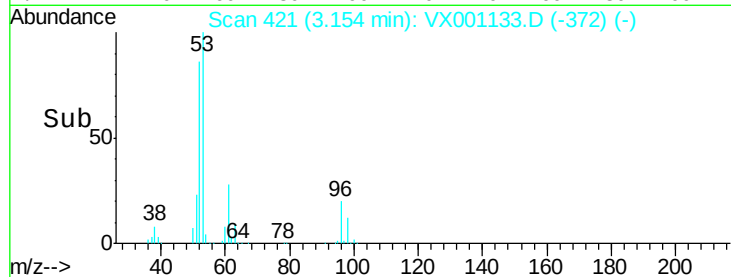
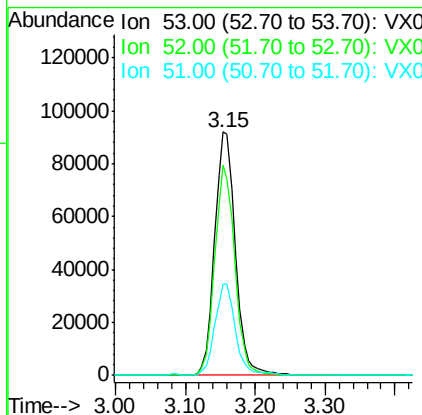
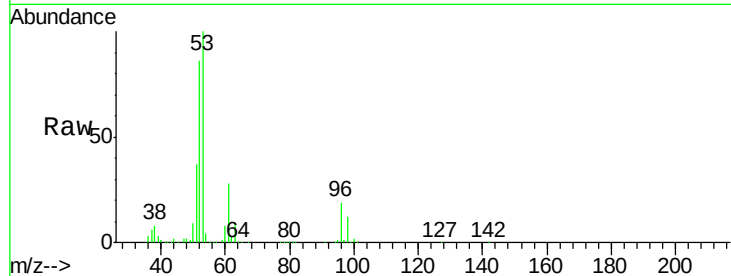
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	189066
Ion	Ratio	Lower	Upper
53	100		
52	83.0	66.4	99.6
51	37.2	29.0	43.6

Manual Integrations
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4/27/2018 1:48:39 AM



#16

Acetone

Concen: 233.59 ug/l

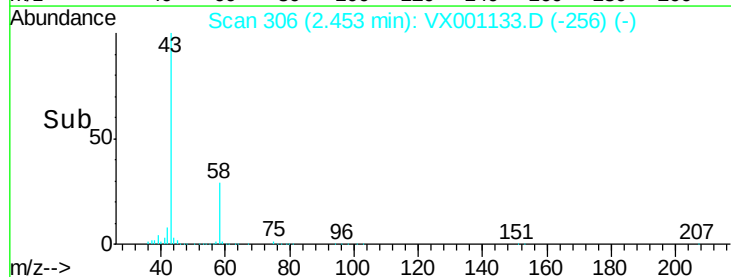
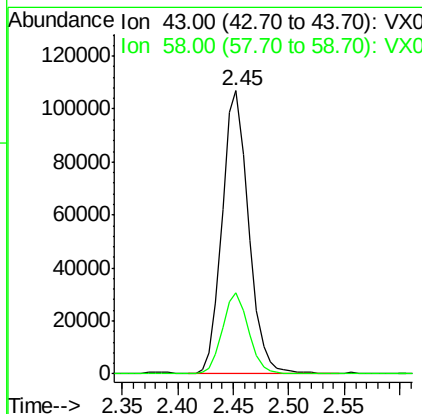
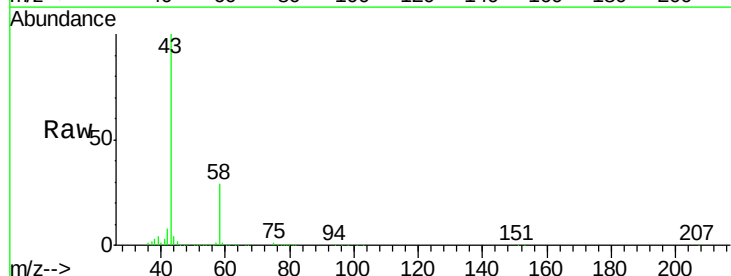
RT: 2.45 min Scan# 306

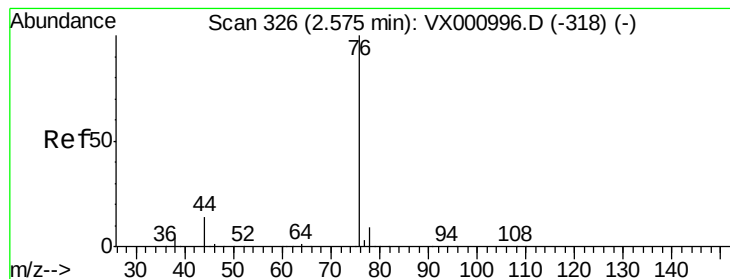
Delta R.T. 0.01 min

Lab File: VX001133.D

Acq: 25 Apr 2018 21:11

Tgt Ion:	43	Resp:	175276
Ion	Ratio	Lower	Upper
43	100		
58	28.8	23.7	35.5





#17

Carbon Disulfide

Concen: 31.27 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX001133.D

Acq: 25 Apr 2018 21:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 136476

Ion Ratio Lower Upper

76 100

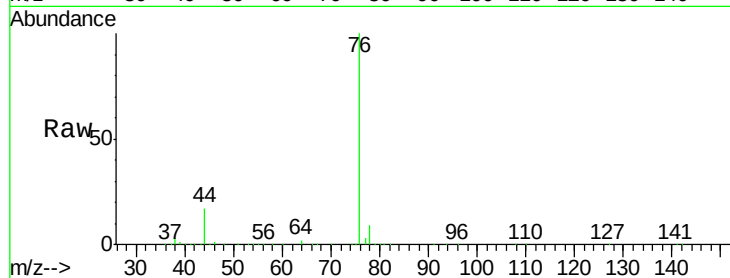
78 8.8 7.3 10.9

Manual Integrations

APPROVED

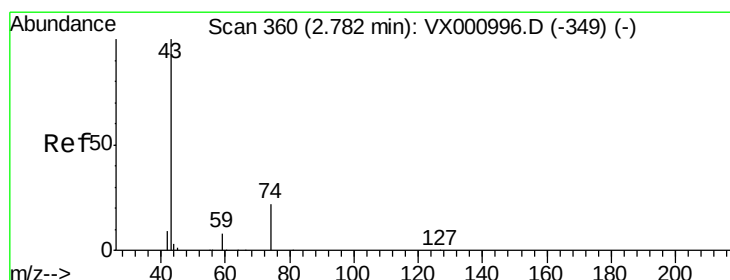
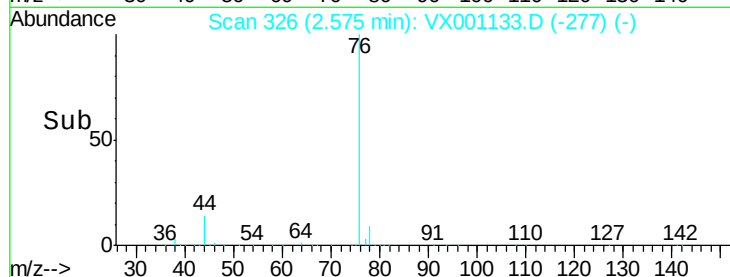
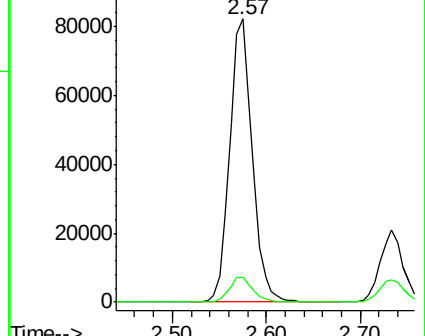
Sohil

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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: 52.81 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX001133.D

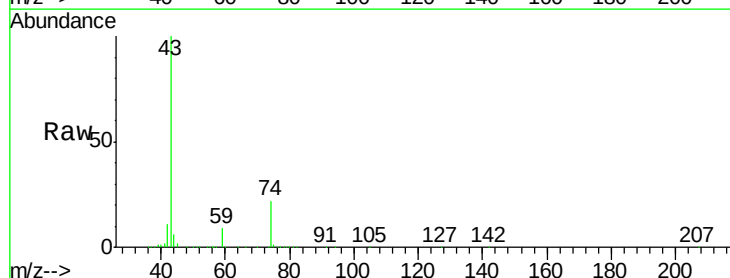
Acq: 25 Apr 2018 21:11

Tgt Ion: 43 Resp: 119900

Ion Ratio Lower Upper

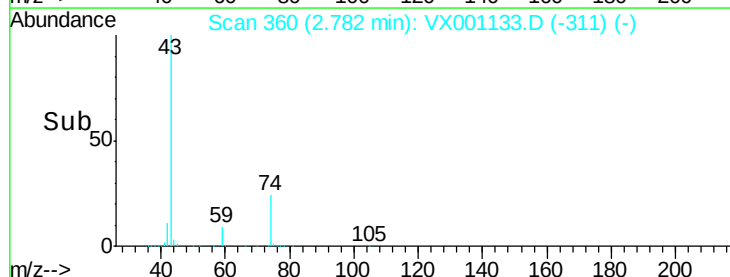
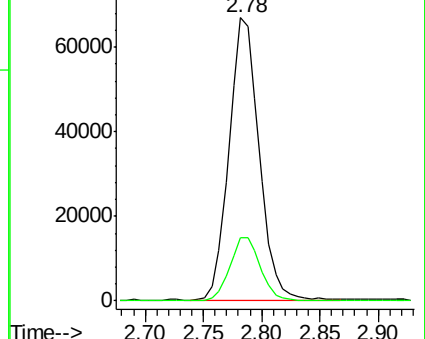
43 100

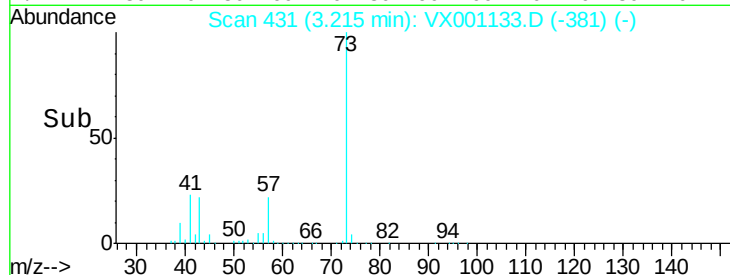
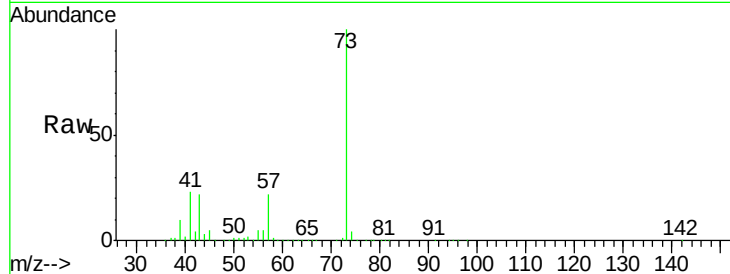
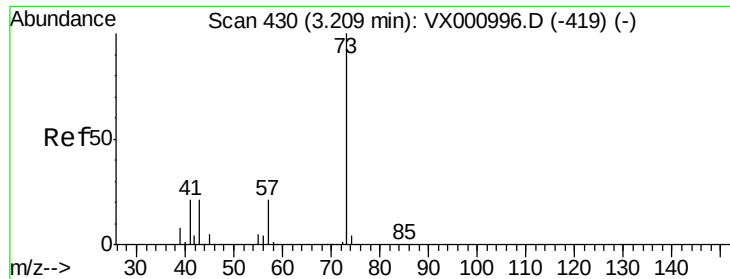
74 22.9 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





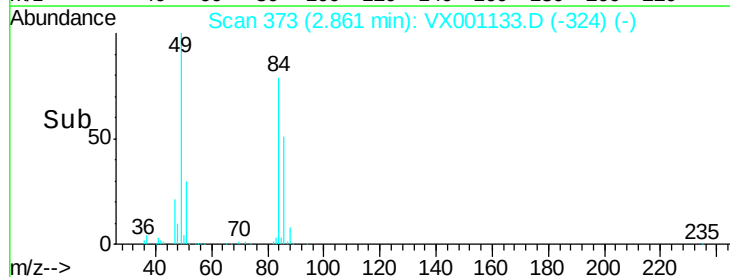
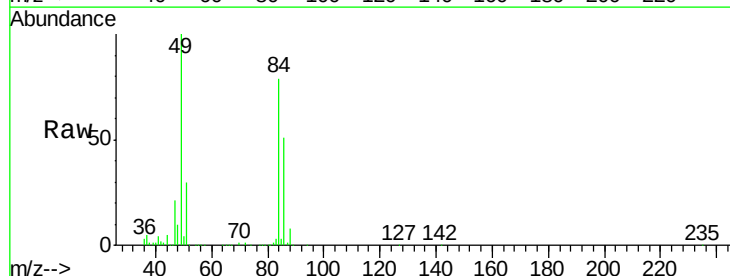
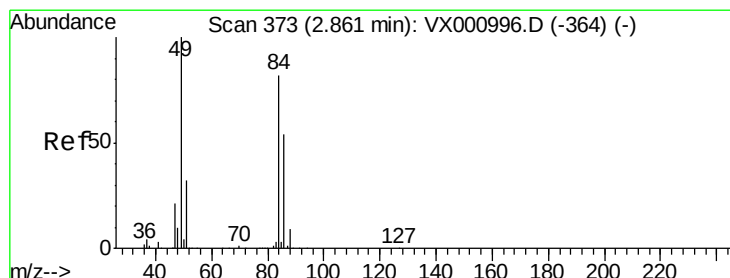
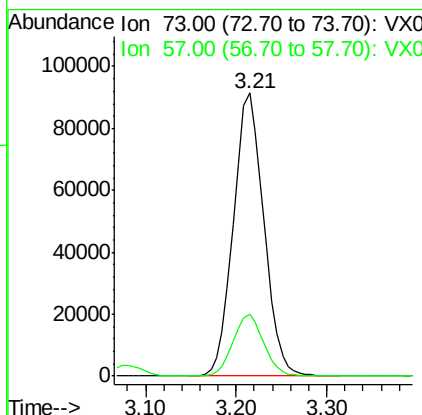
#19
Methyl tert-butyl Ether
Concen: 41.45 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.01 min
Lab File: VX001133.D
Acq: 25 Apr 2018 21:11

Tot Ion	73	Resp	213438
Ion Ratio	100	Lower	Upper
73	100		
57	21.6	17.1	25.7

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

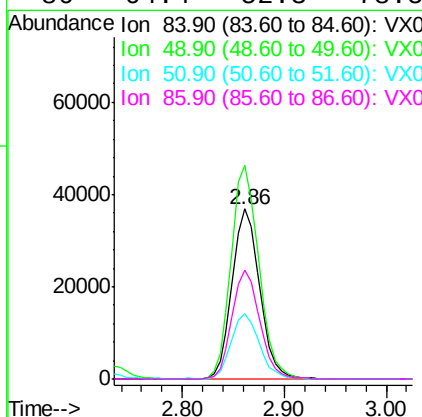
Manual Integrations
APPROVED

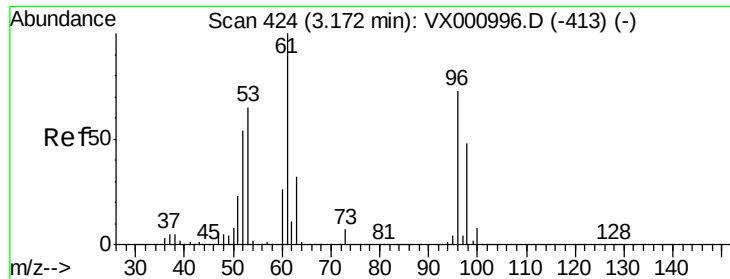
Sohil
4/27/2018 1:48:39 AM



#20
Methylene Chloride
Concen: 43.50 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001133.D
Acq: 25 Apr 2018 21:11

Tgt Ion	84	Resp	69107
Ion Ratio	100	Lower	Upper
84	100		
49	125.8	97.1	145.7
51	38.1	30.8	46.2
86	64.4	52.3	78.5





#21

trans-1,2-Dichloroethene

Concen: 38.30 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX001133.D

Acq: 25 Apr 2018 21:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 65295

Ion Ratio Lower Upper

96 100

61 139.1 109.4 164.2

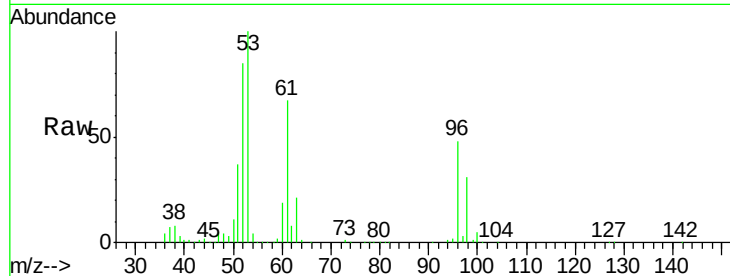
98 64.6 52.6 78.8

Manual Integrations

APPROVED

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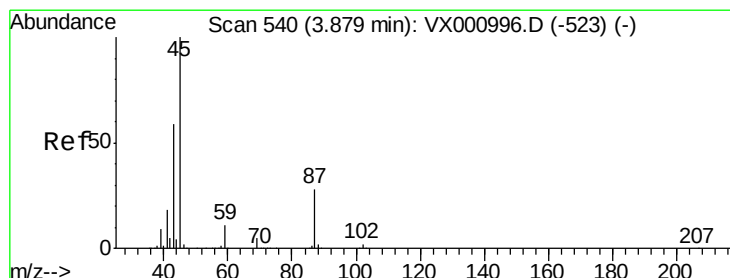
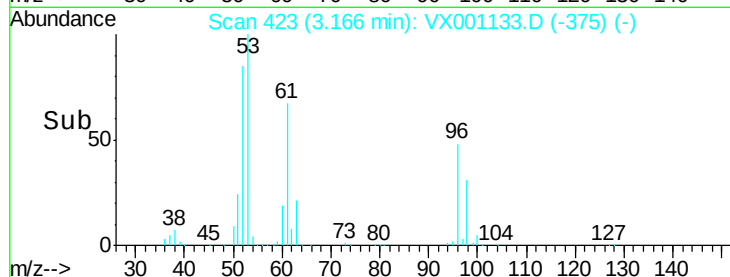
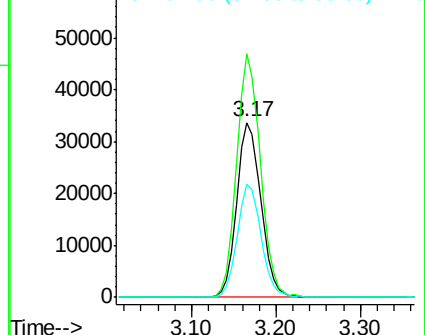


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 38.84 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX001133.D

Acq: 25 Apr 2018 21:11

Tgt Ion: 45 Resp: 208417

Ion Ratio Lower Upper

45 100

43 60.8 47.0 70.4

87 26.9 22.5 33.7

59 11.2 8.8 13.2

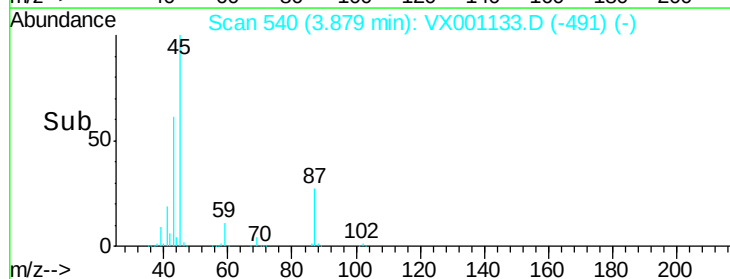
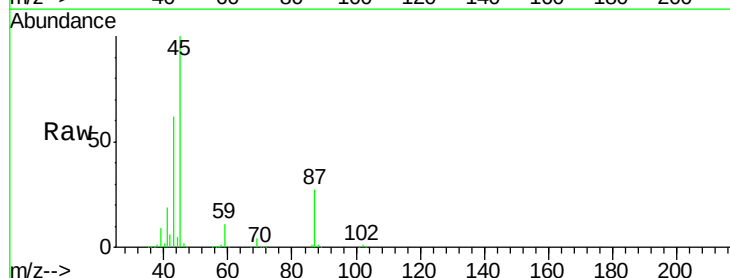
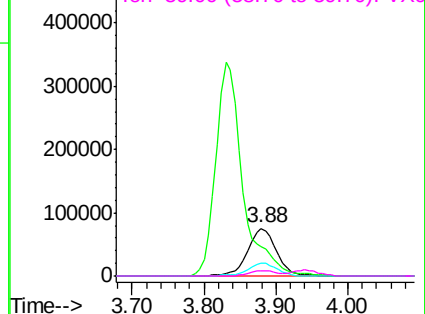
Abundance

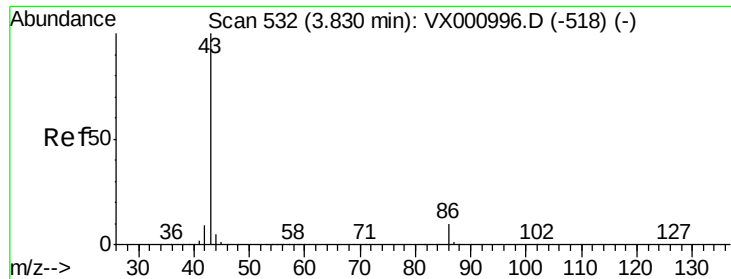
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





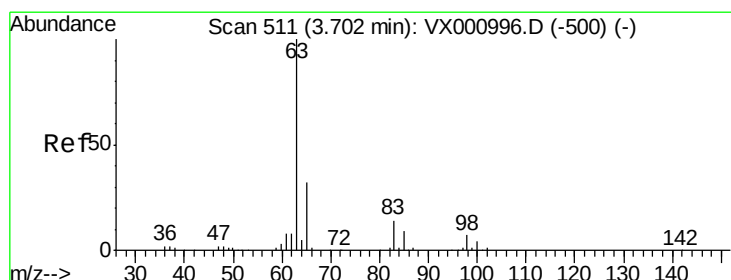
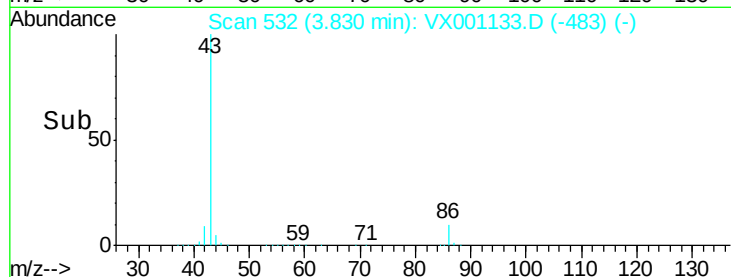
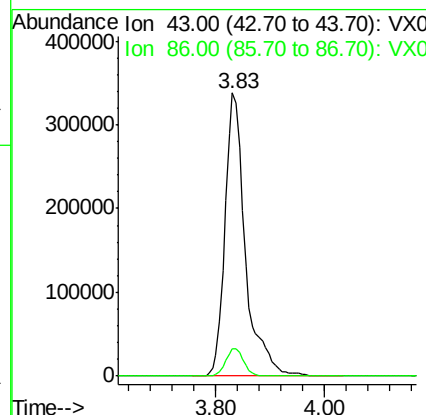
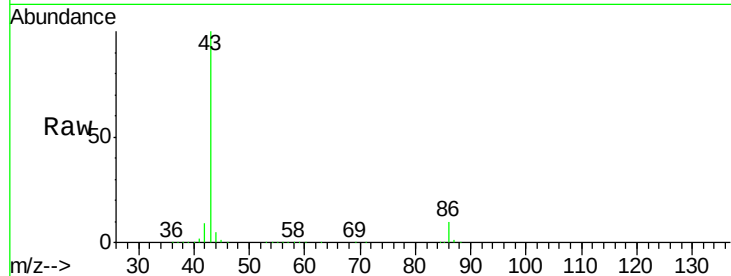
#23
 Vinyl Acetate
 Concen: 198.18 ug/l
 RT: 3.83 min Scan# 532
 Delta R.T. 0.00 min
 Lab File: VX001133.D
 Acq: 25 Apr 2018 21:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
86	9.7	8.1	12.1

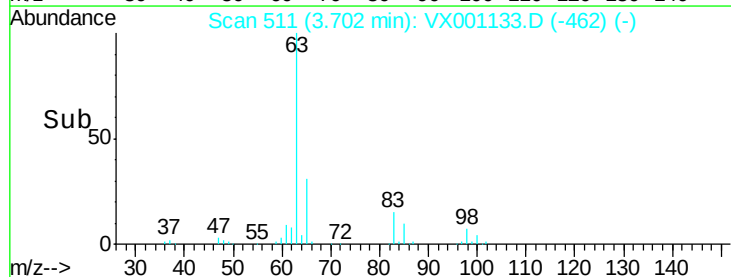
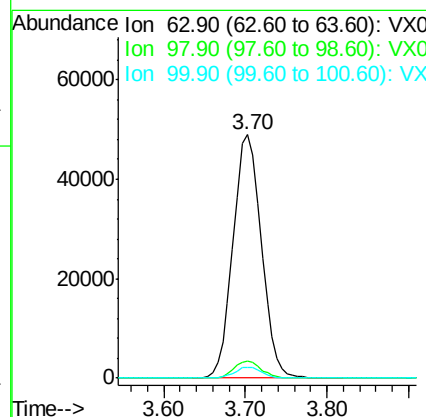
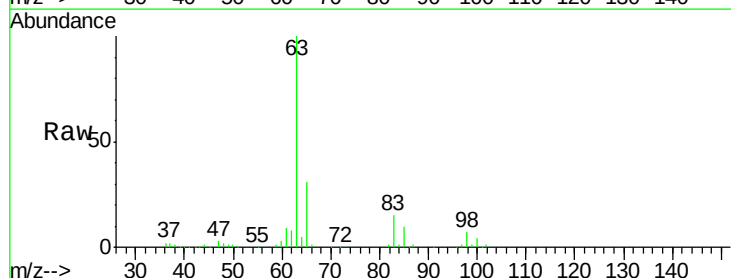
Manual Integrations
 APPROVED

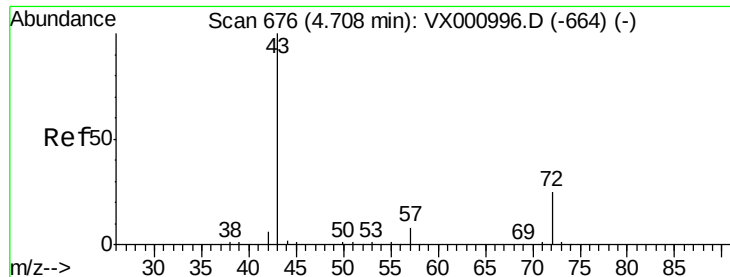
Sohil
 4/27/2018 1:48:39 AM



#24
 1,1-Dichloroethane
 Concen: 39.02 ug/l
 RT: 3.70 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: VX001133.D
 Acq: 25 Apr 2018 21:11

Tgt Ion	Ratio	Lower	Upper
63	100		
98	7.0	3.4	10.1
100	4.3	2.1	6.3





#25

2-Butanone

Concen: 221.88 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX001133.D

Acq: 25 Apr 2018 21:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 259900

Ion Ratio Lower Upper

43 100

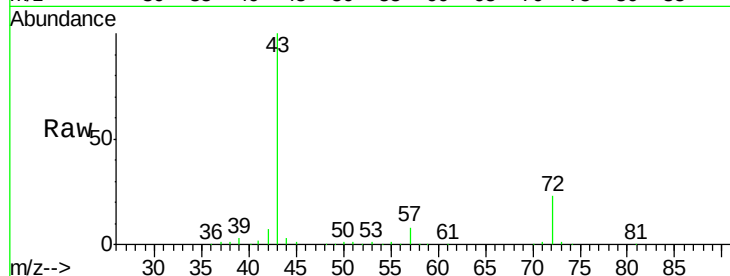
72 23.2 19.9 29.9

Manual Integrations

APPROVED

Sohil

4/27/2018 1:48:39 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.71

100000

80000

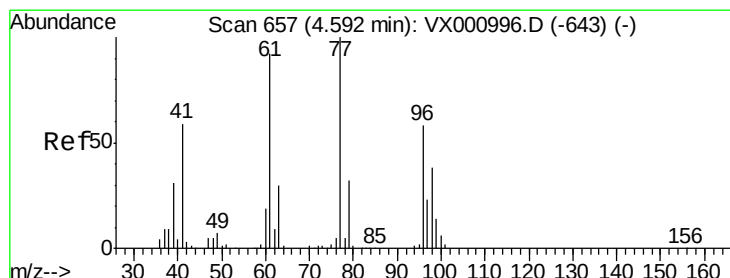
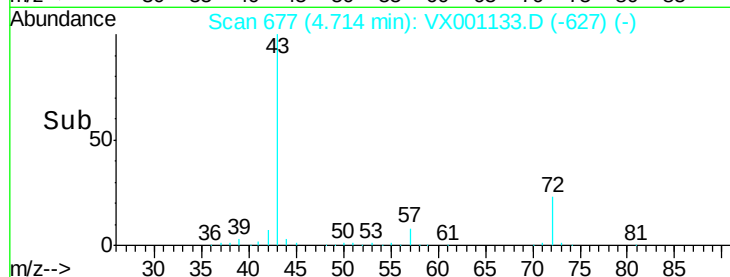
60000

40000

20000

0

Time-->



#26

2,2-Dichloropropane

Concen: 34.46 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX001133.D

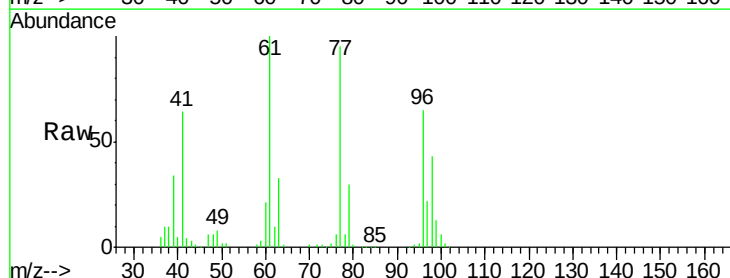
Acq: 25 Apr 2018 21:11

Tgt Ion: 77 Resp: 89212

Ion Ratio Lower Upper

77 100

97 22.9 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.59

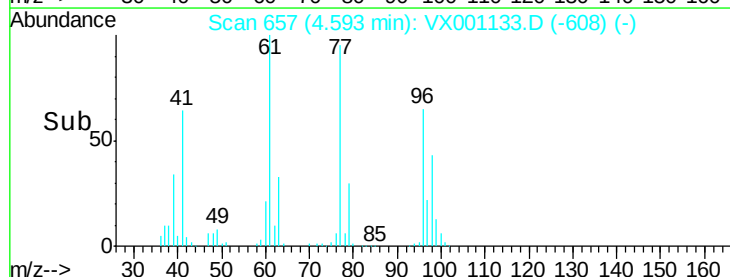
30000

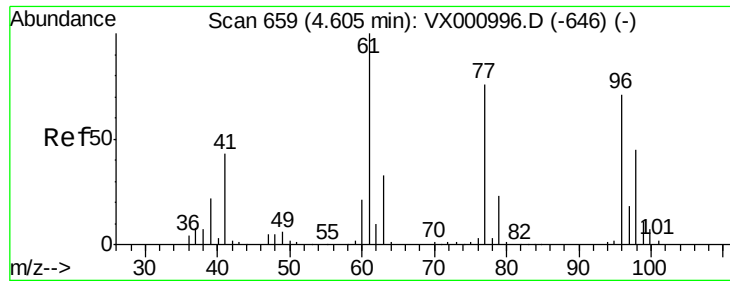
20000

10000

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 39.26 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX001133.D

Acq: 25 Apr 2018 21:11

Instrument :

MSVOA_X

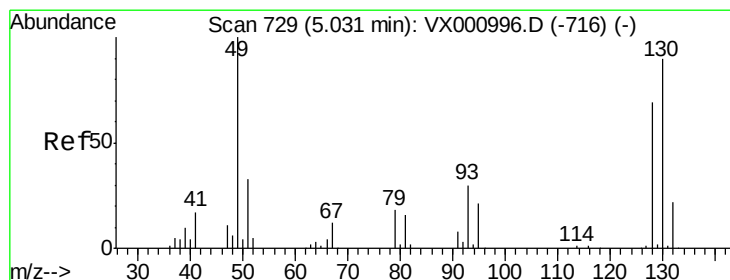
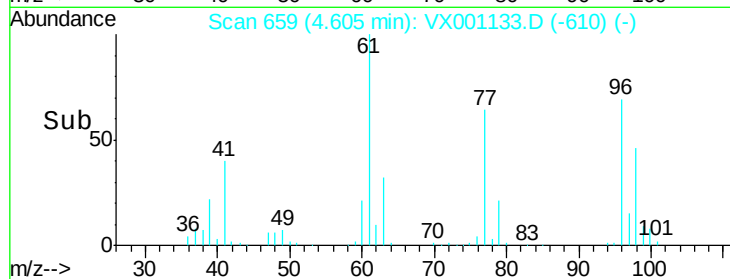
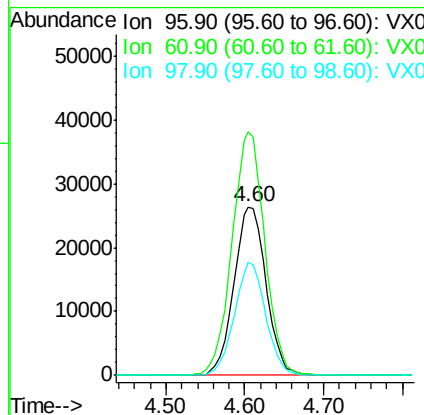
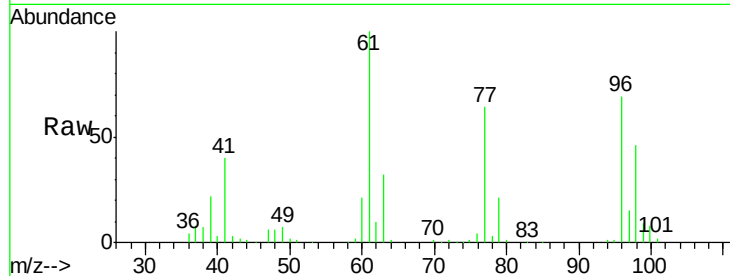
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	74568
Ion	Ratio	Lower	Upper
96	100		
61	147.3	0.0	297.0
98	65.6	0.0	130.0

Manual Integrations
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Sohil
4/27/2018 1:48:39 AM



#28

Bromochloromethane

Concen: 46.17 ug/l

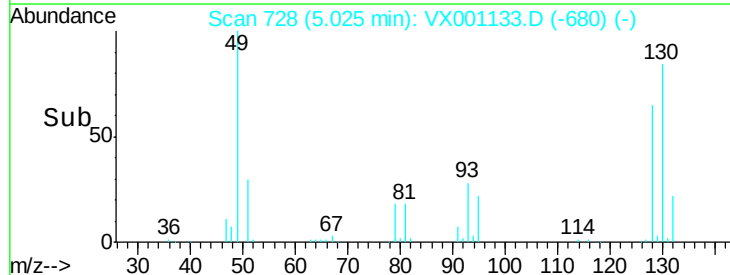
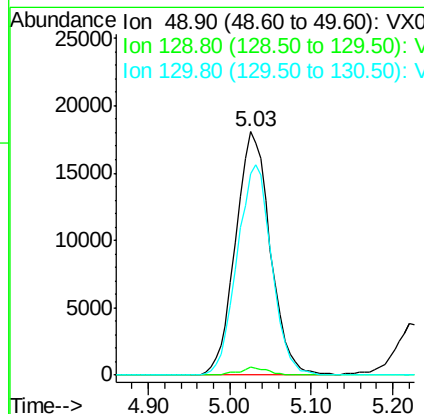
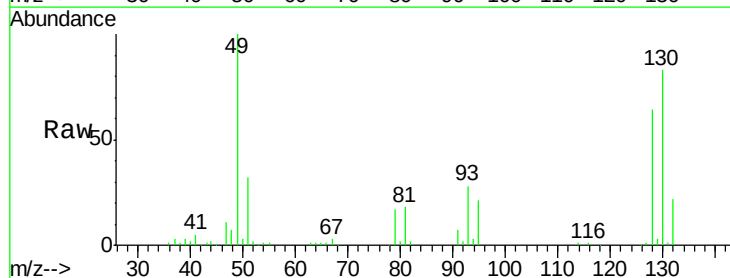
RT: 5.03 min Scan# 729

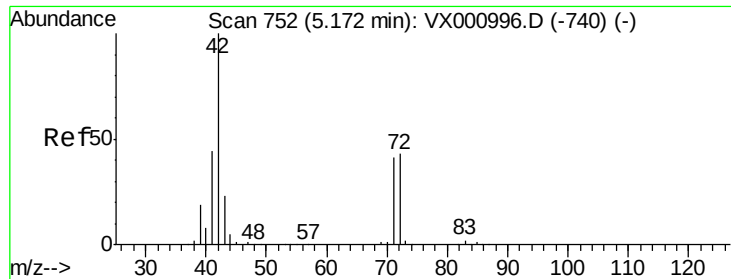
Delta R.T. -0.01 min

Lab File: VX001133.D

Acq: 25 Apr 2018 21:11

Tgt Ion:	49	Resp:	53436
Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.8
130	85.6	70.6	105.8





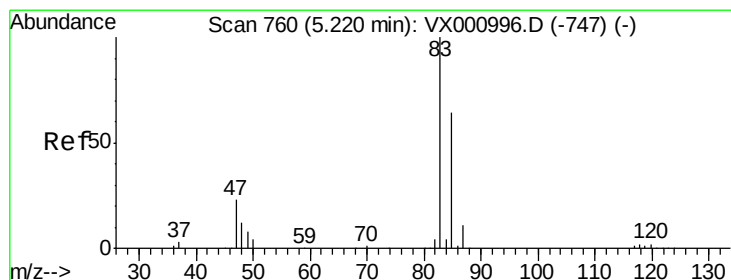
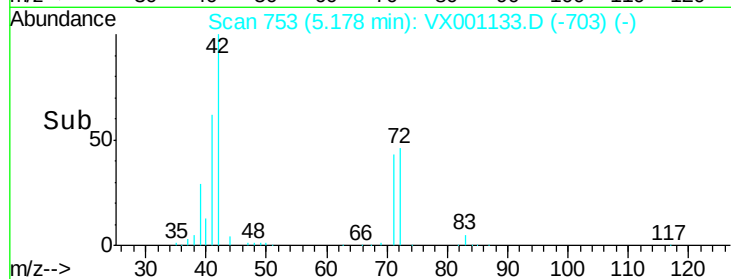
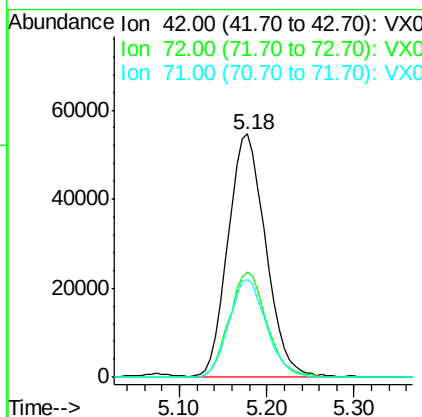
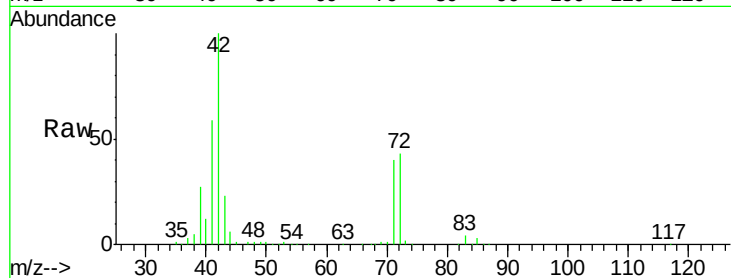
#29
Tetrahydrofuran
Concen: 219.79 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.01 min
Lab File: VX001133.D
Acq: 25 Apr 2018 21:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.6	34.6	52.0
71	40.3	32.6	49.0

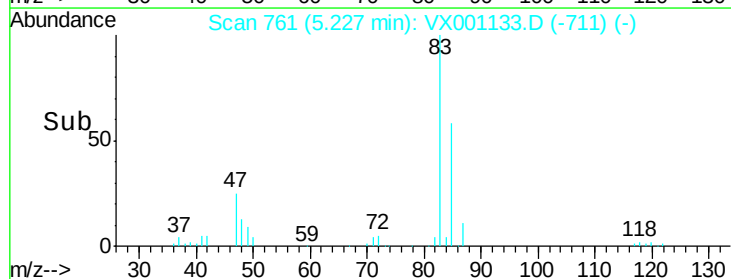
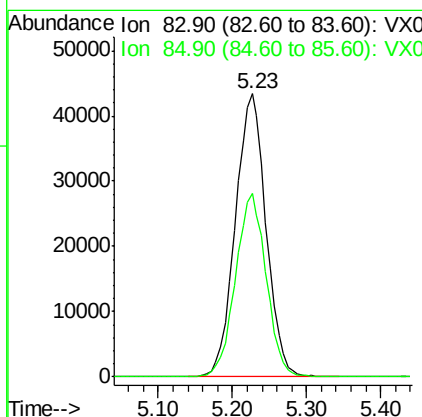
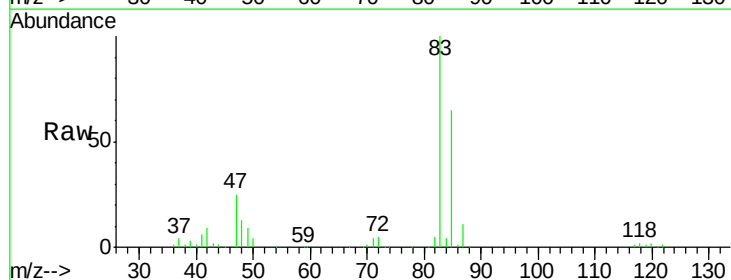
Manual Integrations
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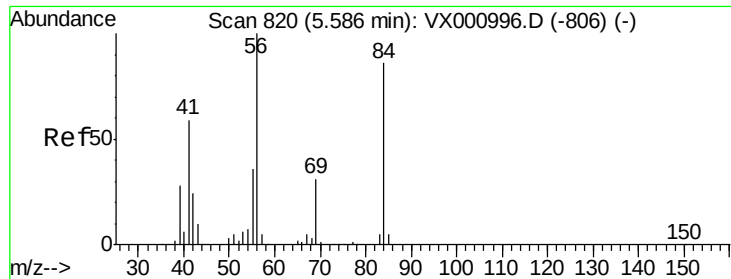
Sohil
4/27/2018 1:48:39 AM



#30
Chloroform
Concen: 40.16 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX001133.D
Acq: 25 Apr 2018 21:11

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.3	76.9





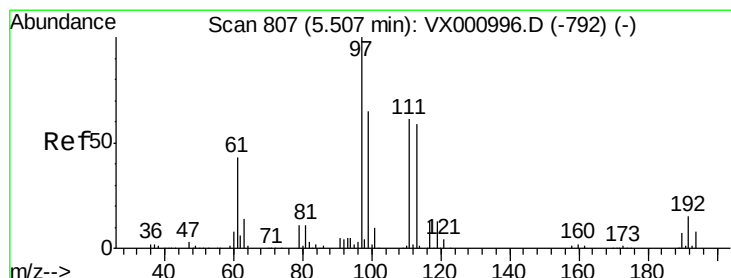
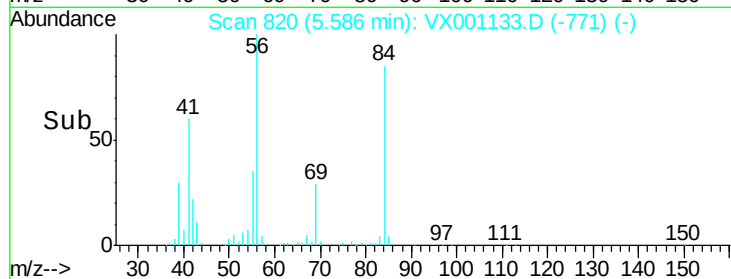
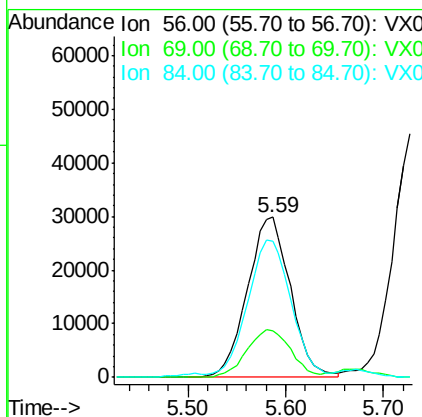
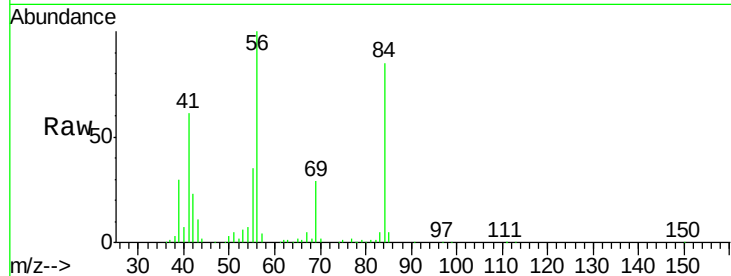
#31
Cyclohexane
Concen: 32.47 ug/l
RT: 5.59 min Scan# 820
Delta R.T. 0.00 min
Lab File: VX001133.D
Acq: 25 Apr 2018 21:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.2	24.6	36.8
84	83.1	69.0	103.6

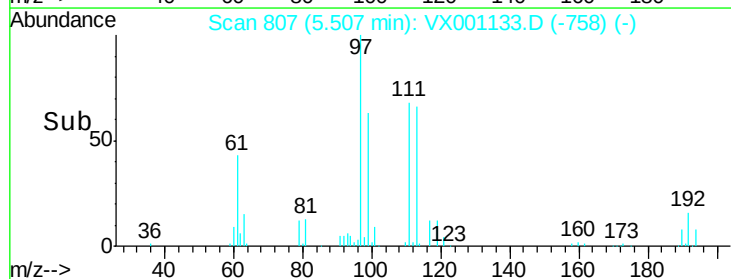
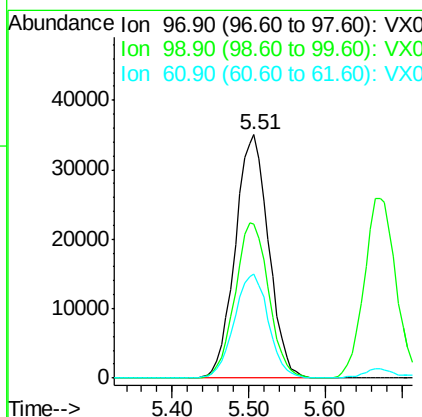
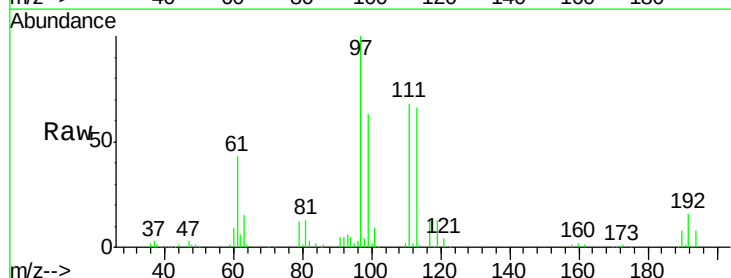
Manual Integrations
APPROVED

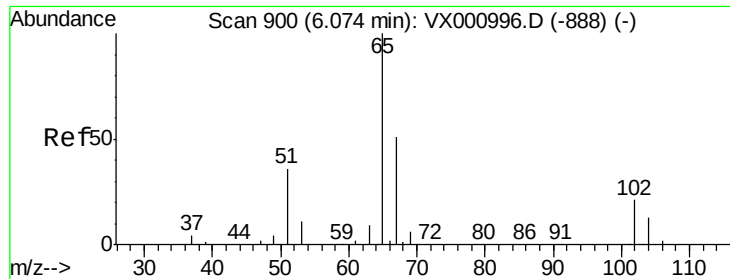
Sohil
4/27/2018 1:48:39 AM



#32
1,1,1-Trichloroethane
Concen: 37.91 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX001133.D
Acq: 25 Apr 2018 21:11

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.1	76.7
61	43.9	34.4	51.6





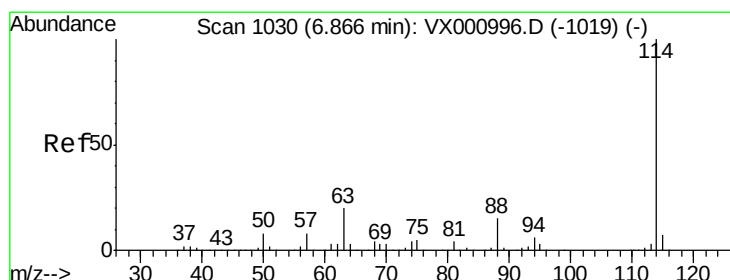
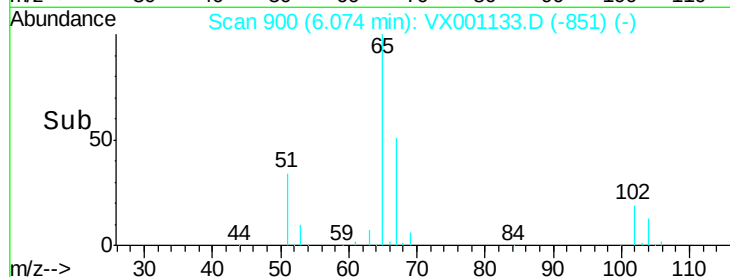
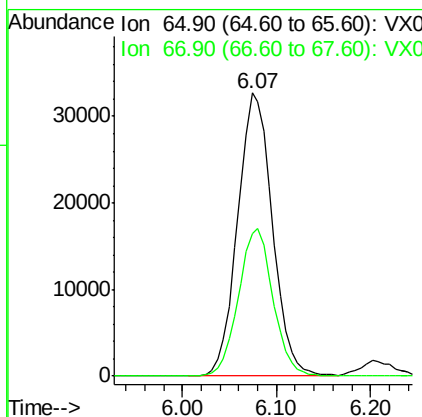
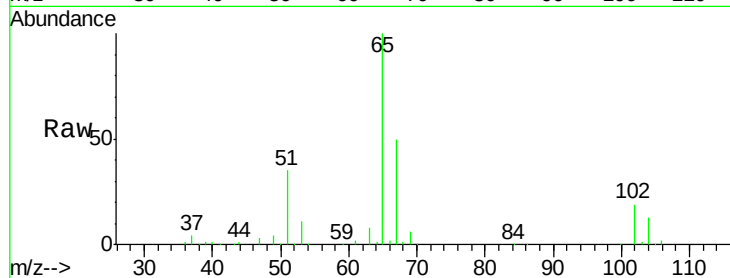
#33
 1,2-Dichloroethane-d4
 Concen: 42.36 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001133.D
 Acq: 25 Apr 2018 21:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	102.6

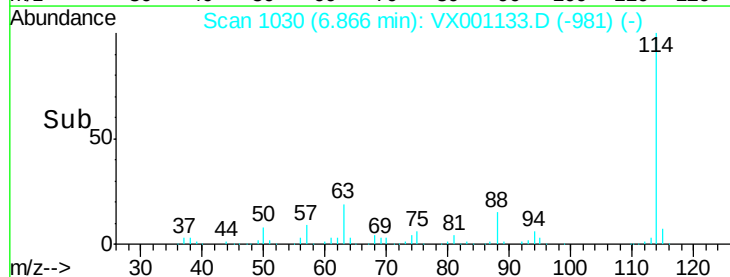
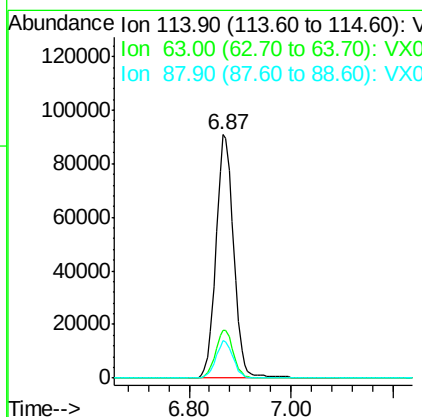
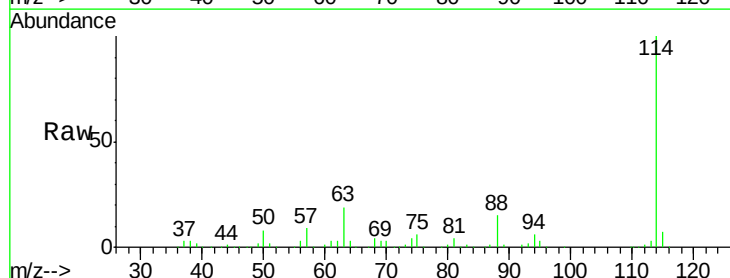
Manual Integrations
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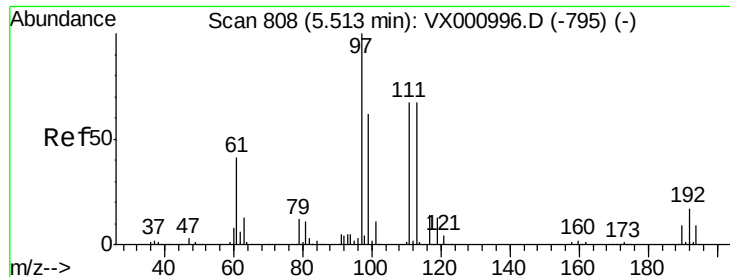
Sohil
 4/27/2018 1:48:39 AM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001133.D
 Acq: 25 Apr 2018 21:11

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	39.4
88	15.5	0.0	29.8





#35

Dibromofluoromethane

Concen: 40.17 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX001133.D

Acq: 25 Apr 2018 21:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:113 Resp: 67379

Ion Ratio Lower Upper

113 100

111 101.4 81.4 122.2

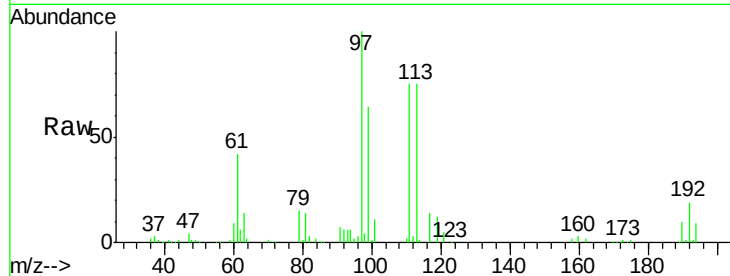
192 25.5 20.4 30.6

Manual Integrations

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Sohil

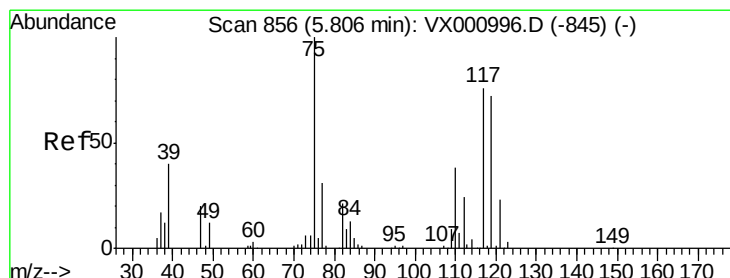
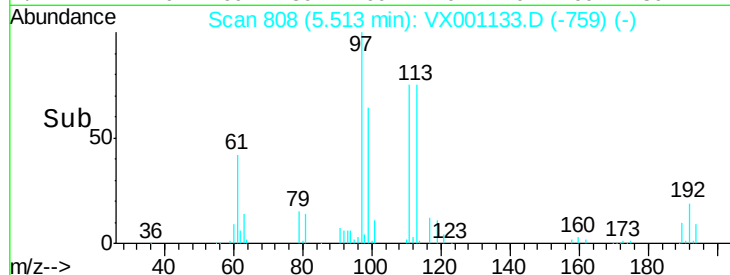
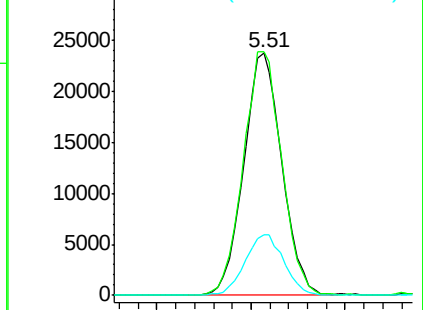
4/27/2018 1:48:39 AM



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 33.55 ug/l

RT: 5.81 min Scan# 857

Delta R.T. 0.01 min

Lab File: VX001133.D

Acq: 25 Apr 2018 21:11

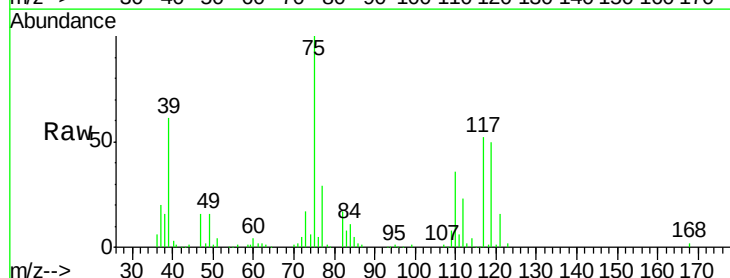
Tgt Ion: 75 Resp: 86719

Ion Ratio Lower Upper

75 100

110 37.5 18.7 56.1

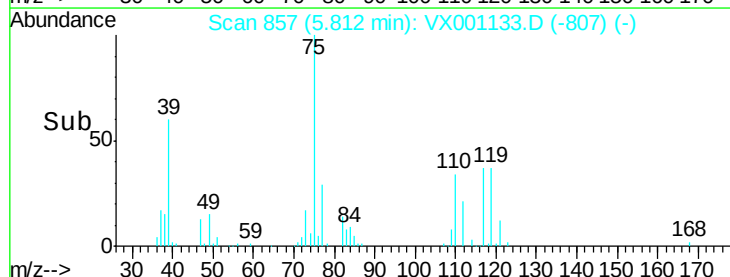
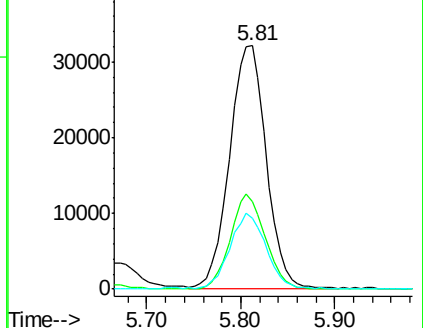
77 31.1 25.0 37.4

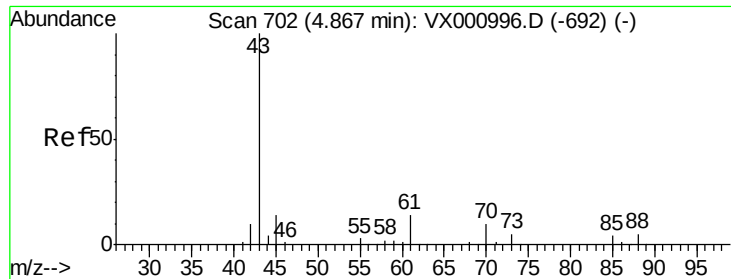


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





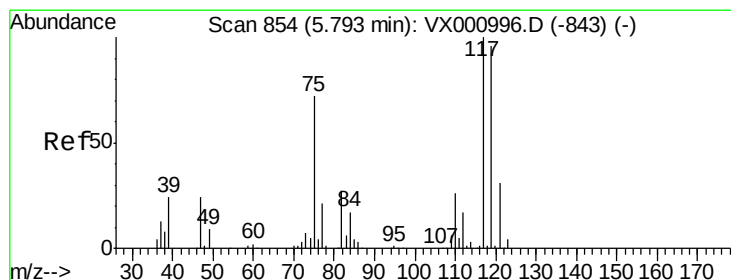
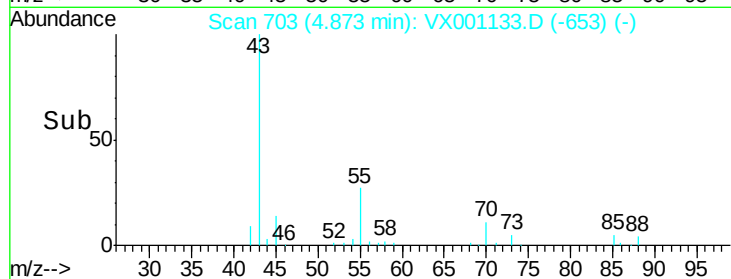
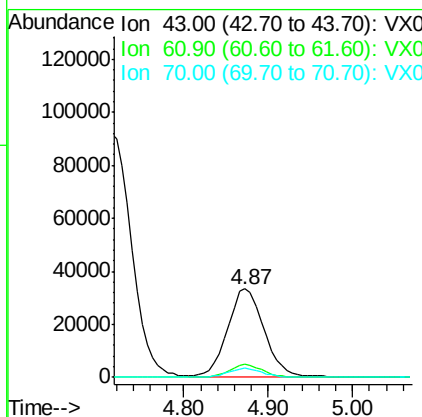
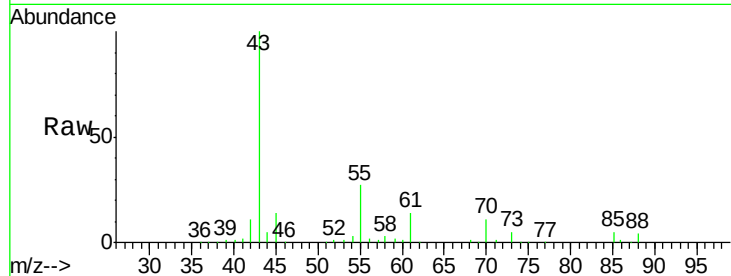
#37
Ethyl Acetate
Concen: 40.99 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.01 min
Lab File: VX001133.D
Acq: 25 Apr 2018 21:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.7	16.1
70	9.9	8.3	12.5

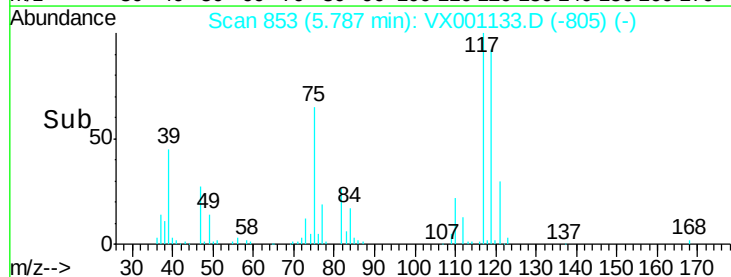
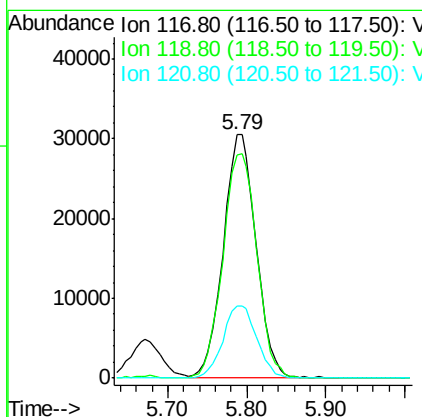
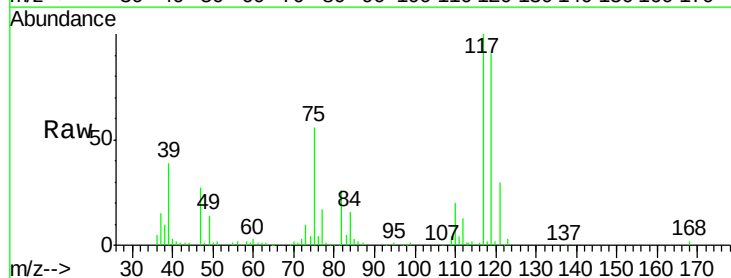
Manual Integrations
APPROVED

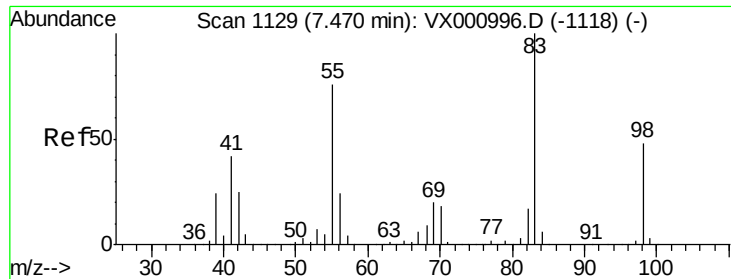
Sohil
4/27/2018 1:48:39 AM



#38
Carbon Tetrachloride
Concen: 33.78 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.01 min
Lab File: VX001133.D
Acq: 25 Apr 2018 21:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.5	76.5	114.7
121	29.8	24.5	36.7





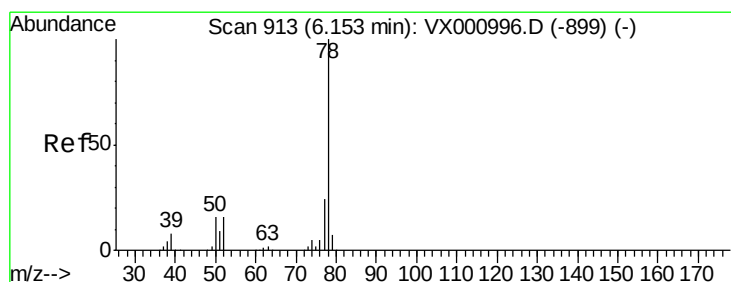
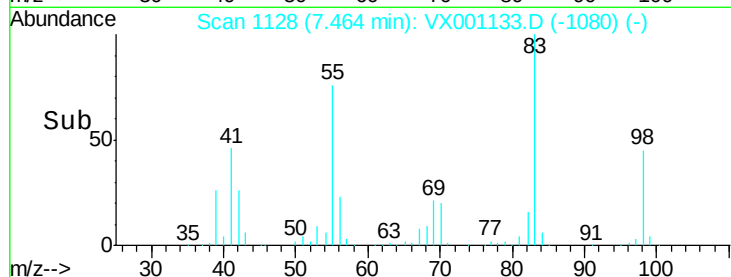
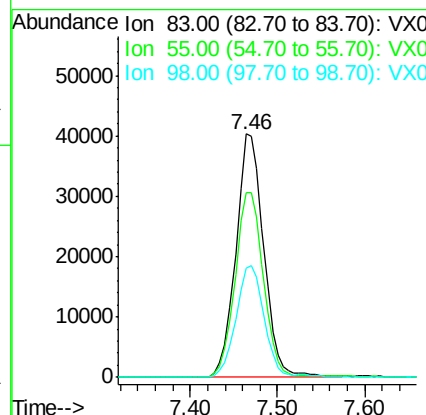
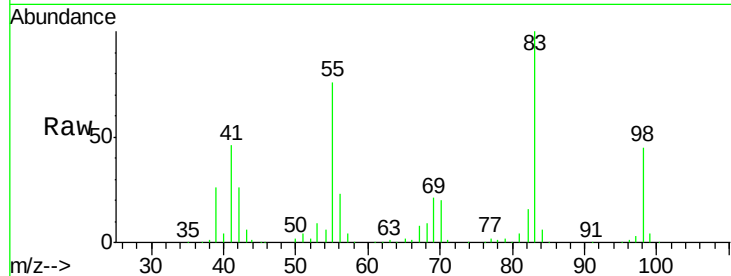
#39
Methylvlcyclohexane
Concen: 29.76 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.01 min
Lab File: VX001133.D
Acq: 25 Apr 2018 21:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	83.00	Resp	89528
Ion Ratio	100	Lower	Upper
83	100		
55	75.6	60.6	91.0
98	44.9	38.2	57.4

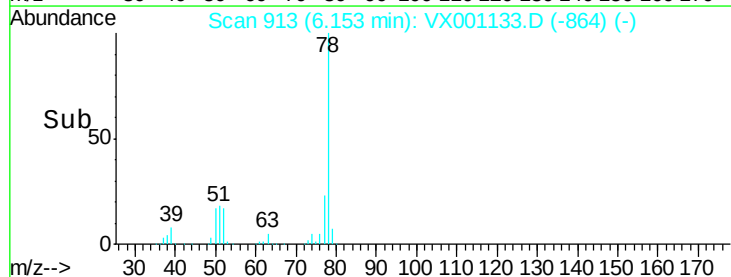
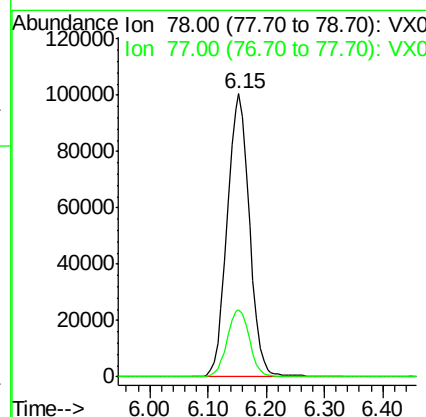
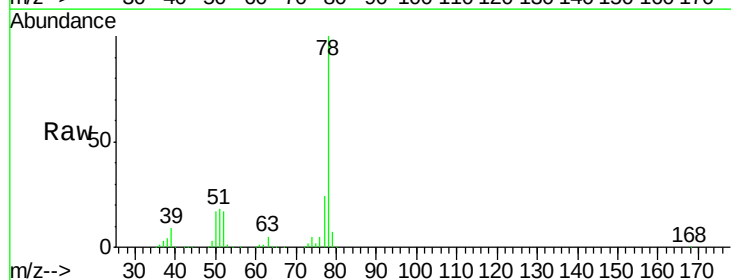
Manual Integrations
APPROVED

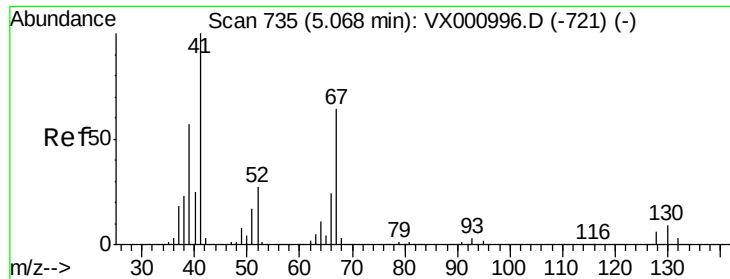
Sohil
4/27/2018 1:48:39 AM



#40
Benzene
Concen: 37.16 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX001133.D
Acq: 25 Apr 2018 21:11

Tgt Ion	78.00	Resp	267002
Ion Ratio	100	Lower	Upper
78	100		
77	23.8	18.9	28.3





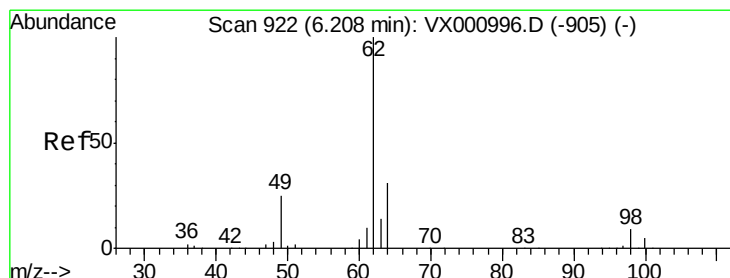
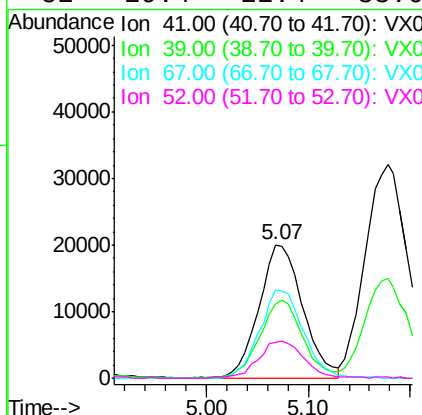
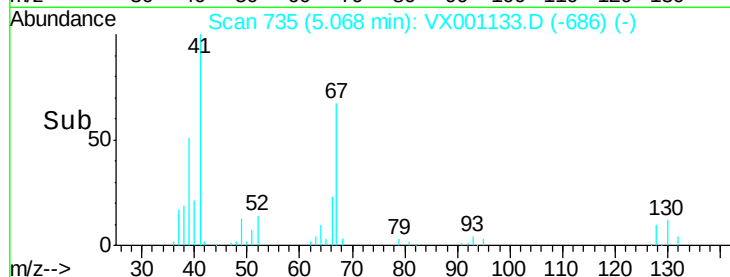
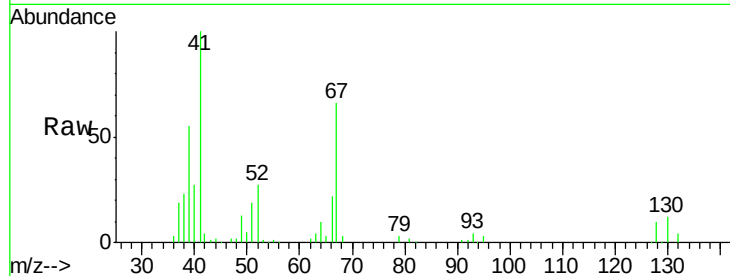
#41
Methacrylonitrile
Concen: 40.07 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX001133.D
Acq: 25 Apr 2018 21:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
59331	41	100		
	39	57.2	45.2	67.8
	67	66.7	53.8	80.8
	52	29.4	22.4	33.6

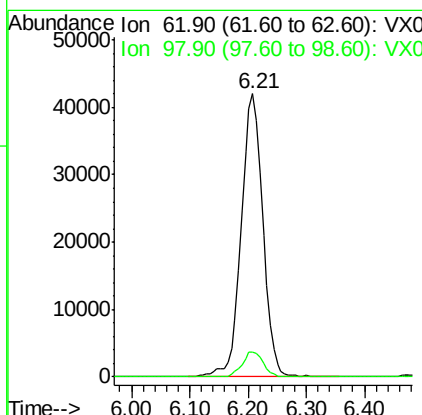
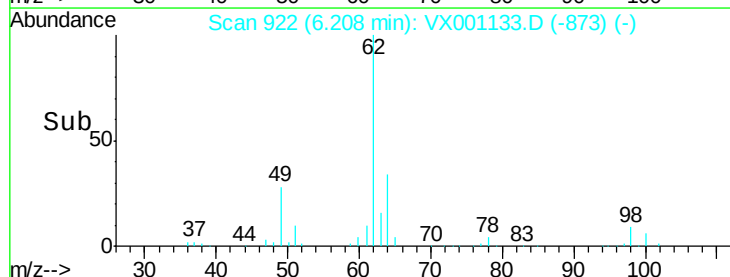
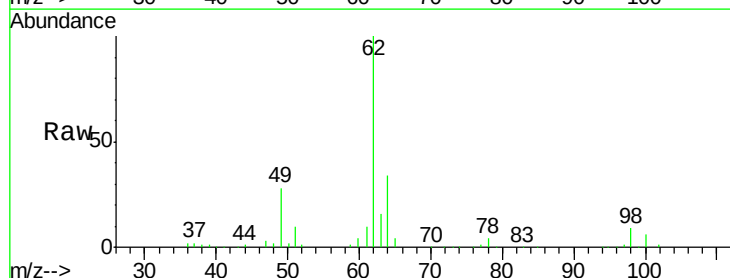
Manual Integrations
APPROVED

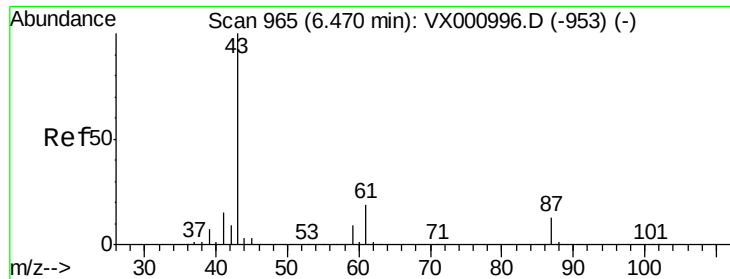
Sohil
4/27/2018 1:48:39 AM



#42
1,2-Dichloroethane
Concen: 39.33 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.00 min
Lab File: VX001133.D
Acq: 25 Apr 2018 21:11

Tgt Ion	Ion	Ratio	Lower	Upper
108481	62	100		
	98	8.6	0.0	17.6





#43

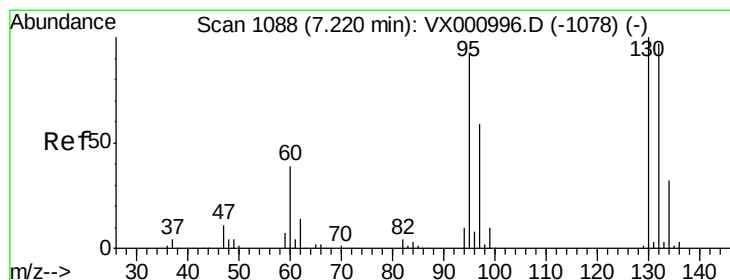
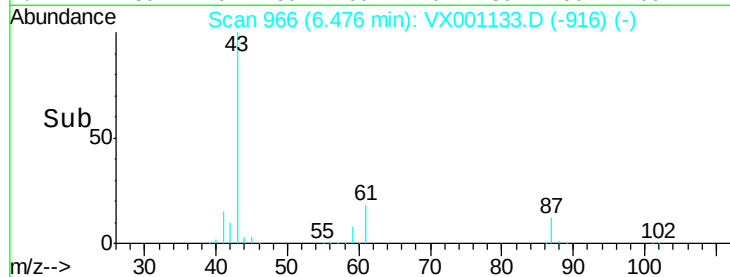
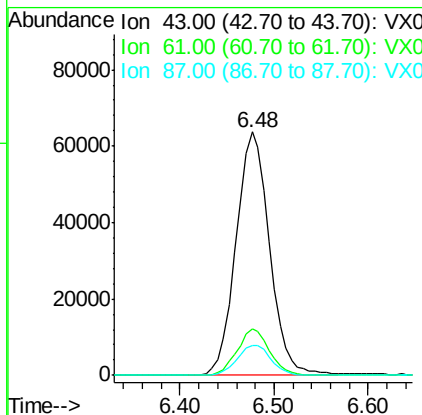
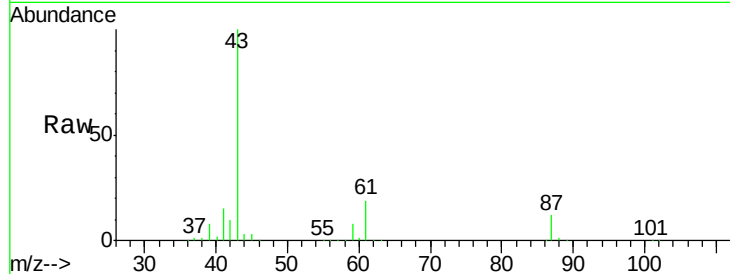
Isopropyl Acetate
 Concen: 38.77 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. 0.01 min
 Lab File: VX001133.D
 Acq: 25 Apr 2018 21:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.8	15.4	23.2
87	12.8	10.6	15.8

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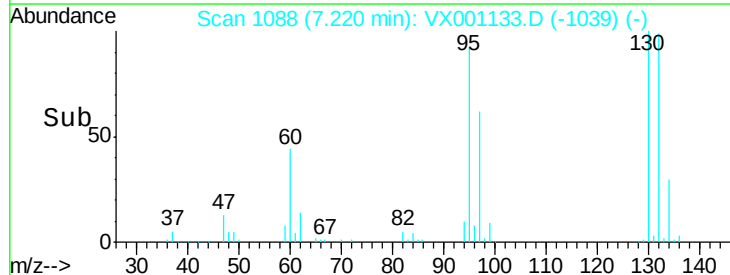
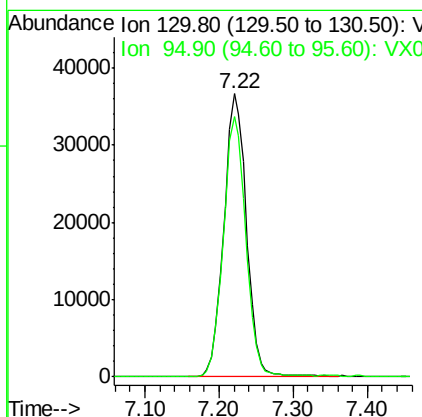
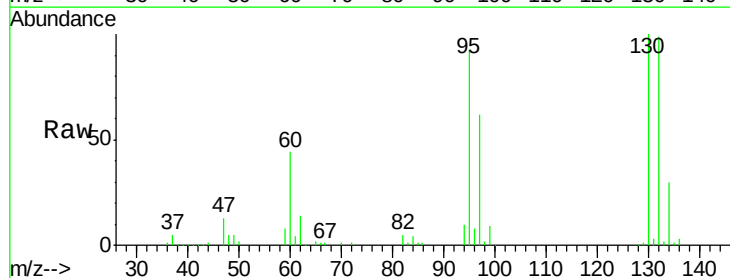
Sohil
 4/27/2018 1:48:39 AM

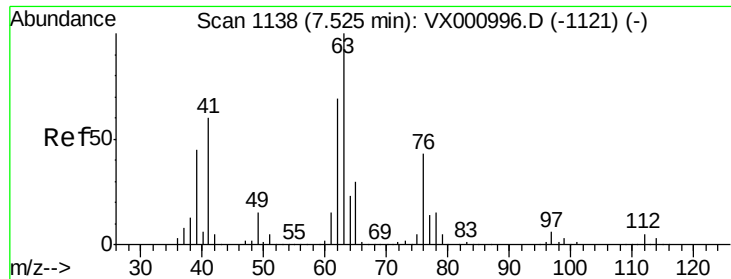


#44

Trichloroethene
 Concen: 35.54 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX001133.D
 Acq: 25 Apr 2018 21:11

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.0	0.0	184.2





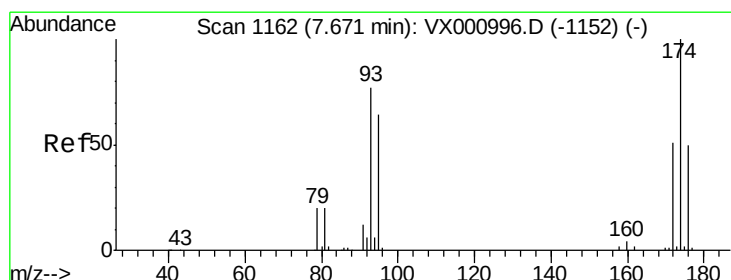
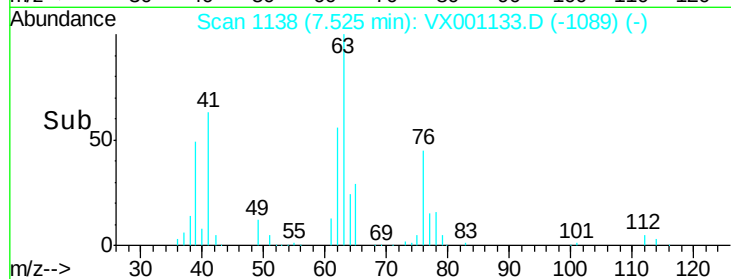
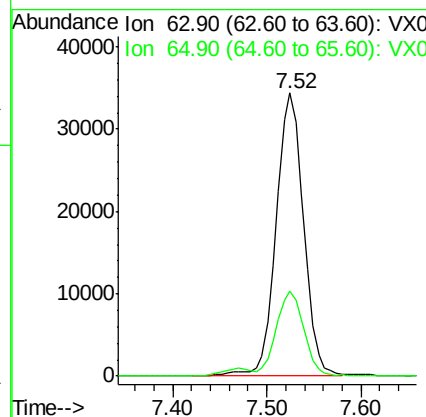
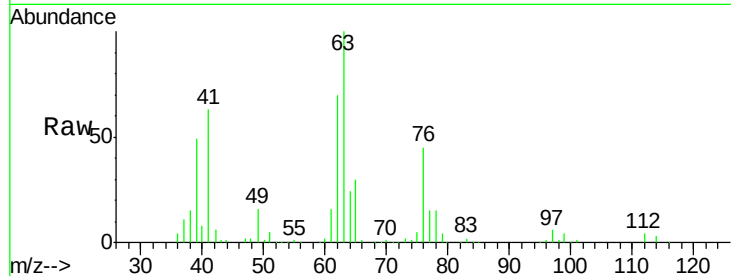
#45
 1,2-Dichloropropane
 Concen: 38.68 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX001133.D
 Acq: 25 Apr 2018 21:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.2	24.4	36.6

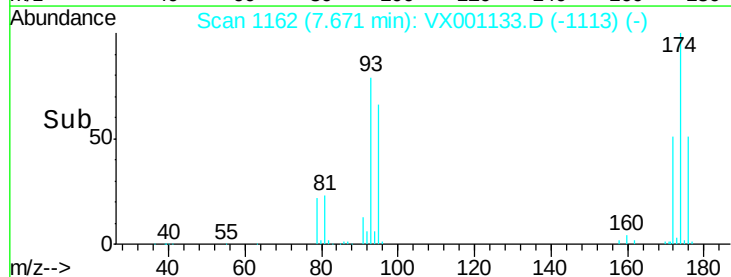
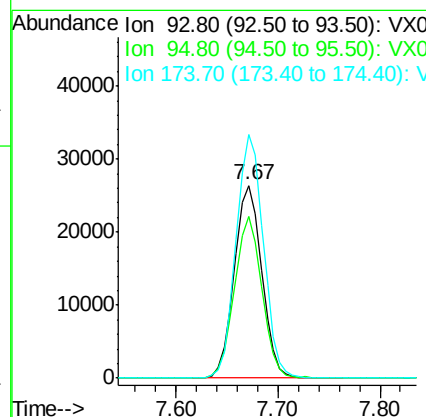
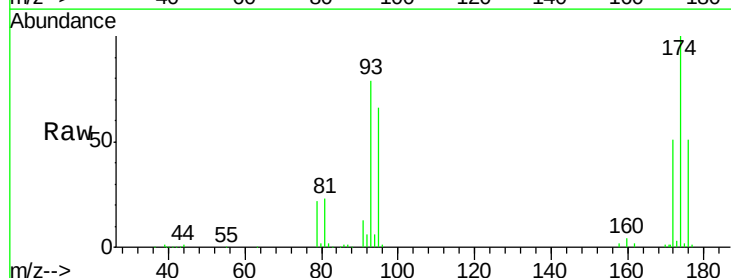
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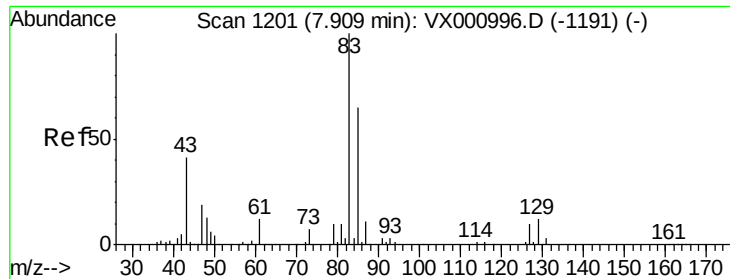
Sohil
 4/27/2018 1:48:39 AM



#46
 Dibromomethane
 Concen: 38.95 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: VX001133.D
 Acq: 25 Apr 2018 21:11

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.8	66.7	100.1
174	125.6	101.8	152.6





#47

Bromodichloromethane

Concen: 37.29 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX001133.D

Acq: 25 Apr 2018 21:11

Instrument :

MSVOA_X

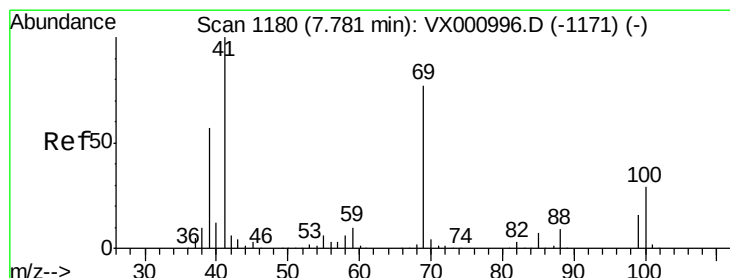
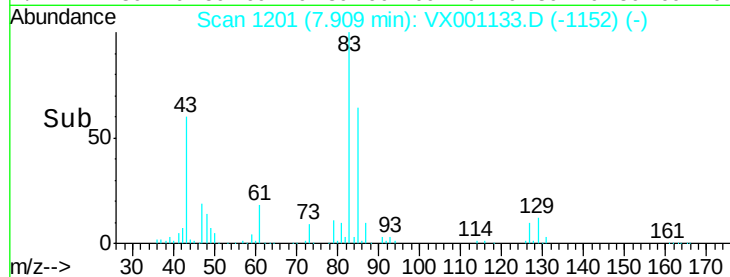
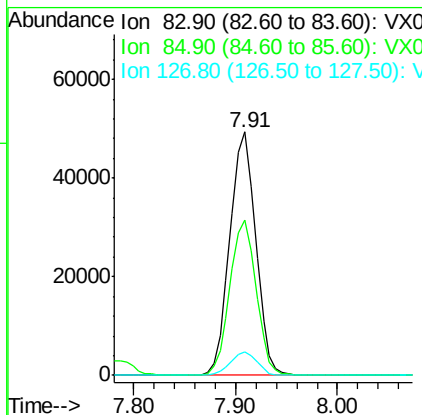
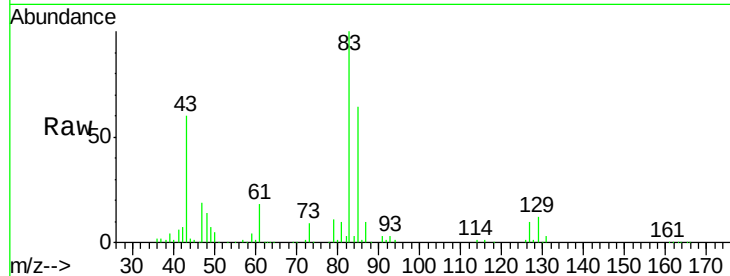
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	87210
Ion	Ratio	Lower	Upper
83	100		
85	64.0	52.3	78.5
127	9.7	7.8	11.6

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Sohil
4/27/2018 1:48:39 AM



#48

Methyl methacrylate

Concen: 38.85 ug/l

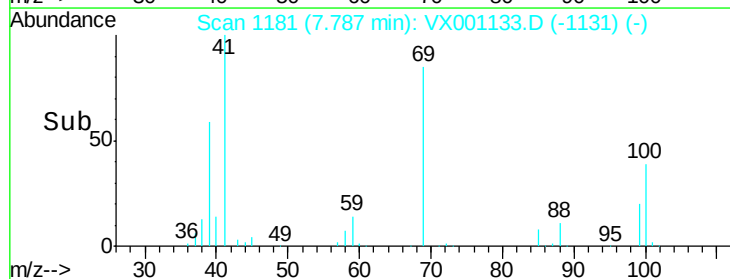
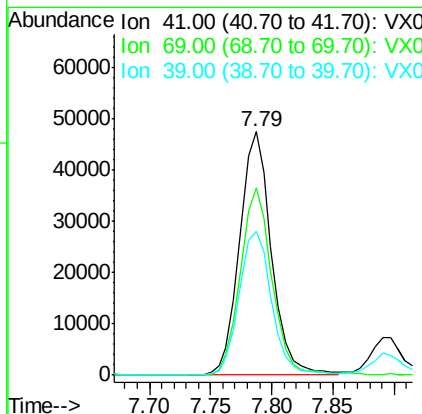
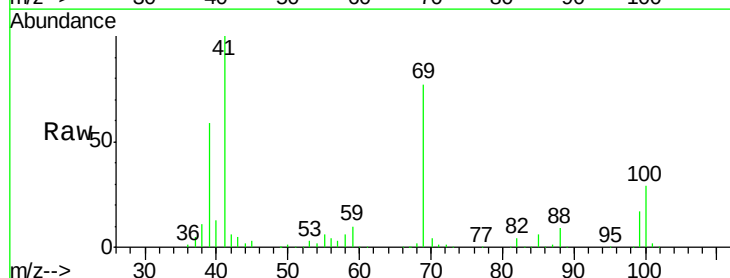
RT: 7.79 min Scan# 1181

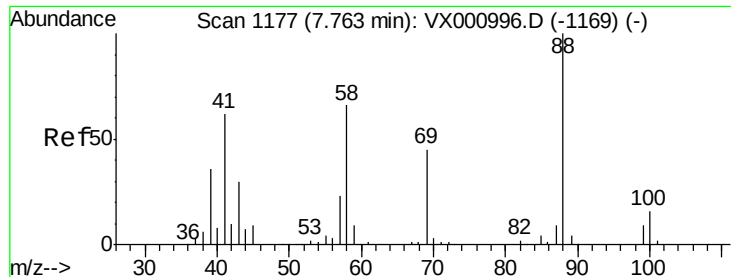
Delta R.T. 0.01 min

Lab File: VX001133.D

Acq: 25 Apr 2018 21:11

Tgt Ion:	41	Resp:	85099
Ion	Ratio	Lower	Upper
41	100		
69	77.8	62.6	94.0
39	61.6	45.3	67.9





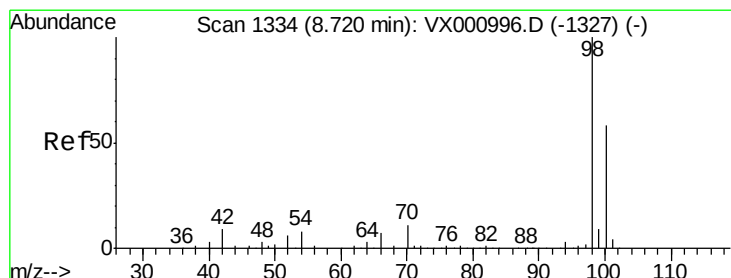
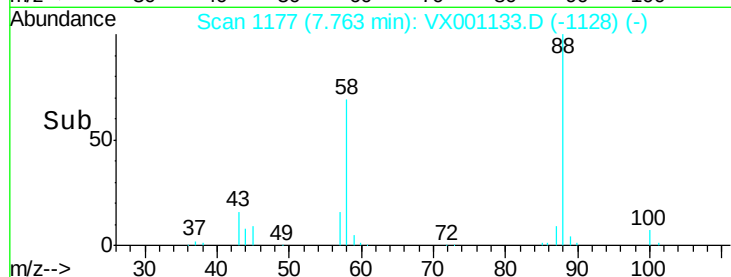
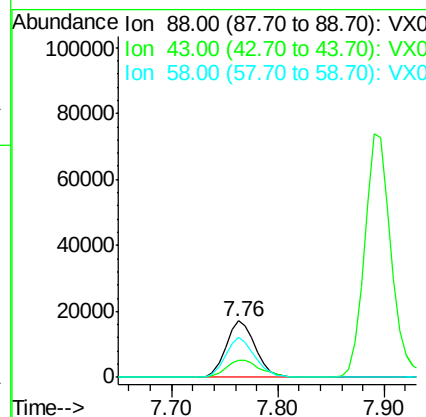
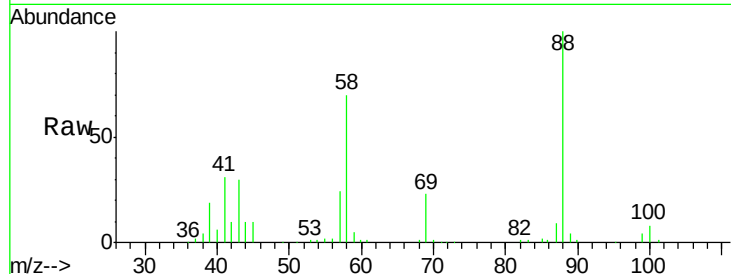
#49
1,4-Dioxane
Concen: 1020.61 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX001133.D
Acq: 25 Apr 2018 21:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.2	29.2	43.8
58	70.6	55.0	82.6

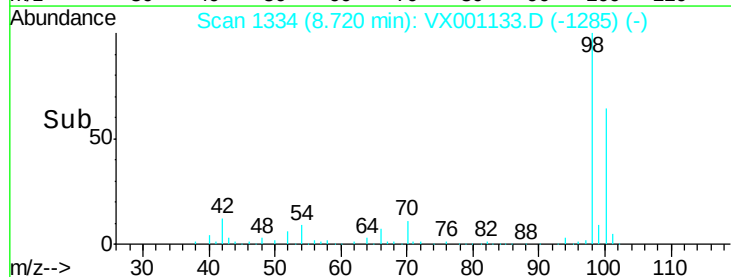
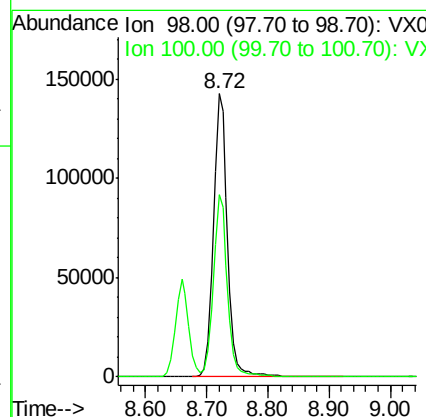
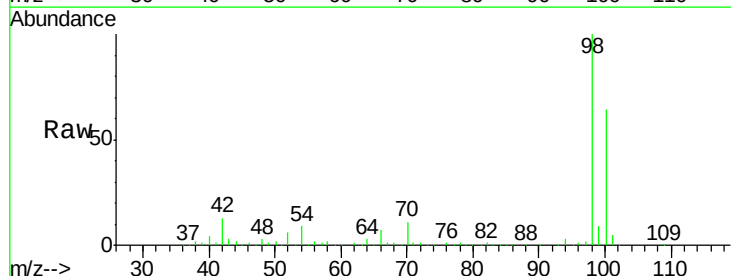
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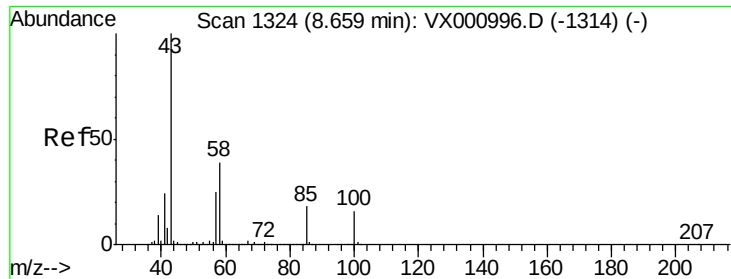
Sohil
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#50
Toluene-d8
Concen: 37.43 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001133.D
Acq: 25 Apr 2018 21:11

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.9	77.9





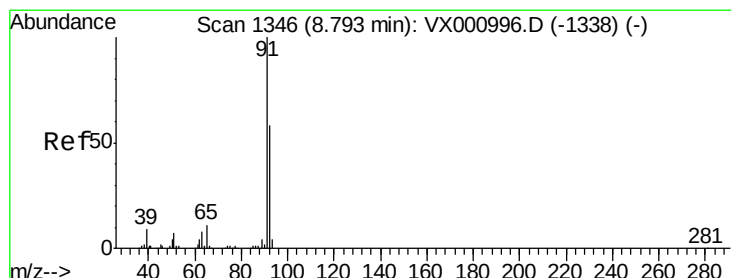
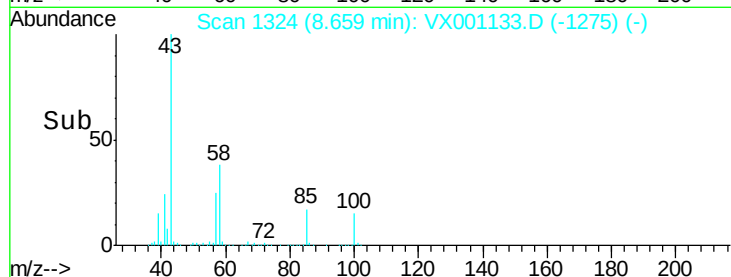
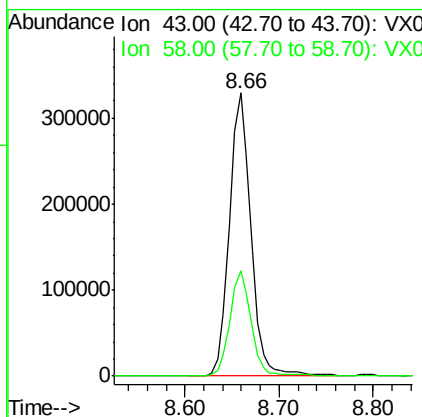
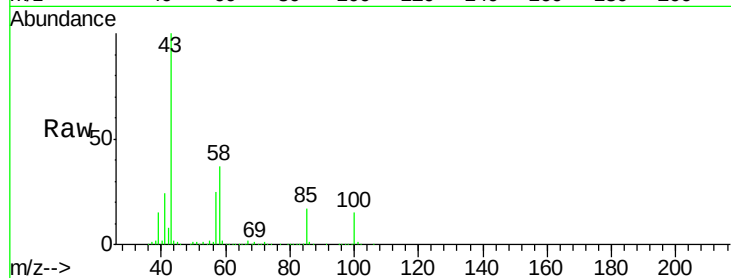
#51
4-Methyl-2-Pentanone
Concen: 211.45 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. 0.00 min
Lab File: VX001133.D
Acq: 25 Apr 2018 21:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	37.1	30.2	45.4

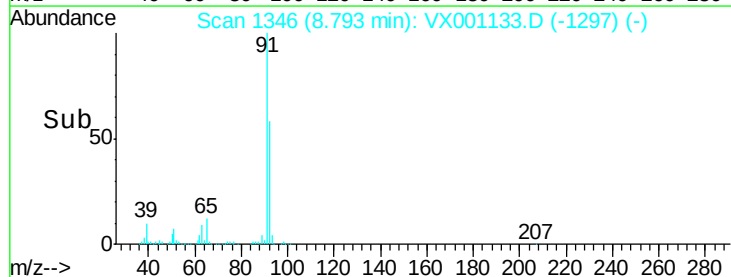
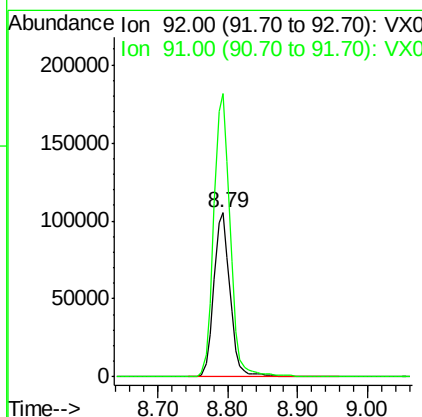
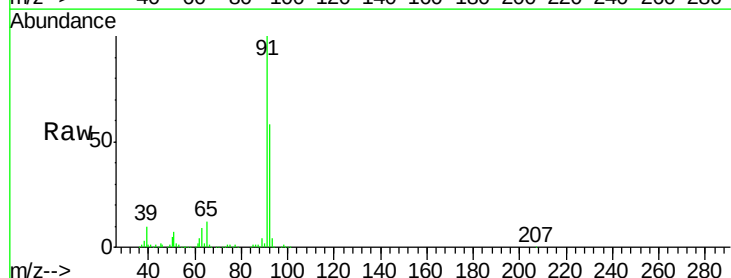
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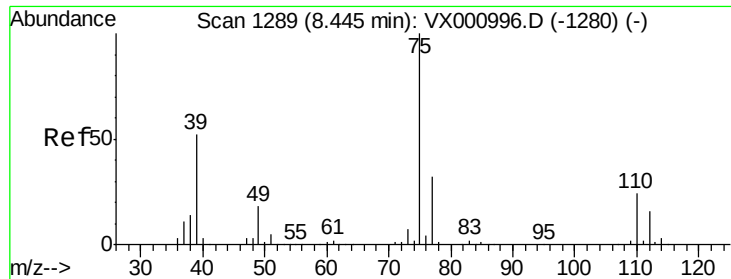
Sohil
4/27/2018 1:48:39 AM



#52
Toluene
Concen: 36.28 ug/l
RT: 8.79 min Scan# 1346
Delta R.T. 0.00 min
Lab File: VX001133.D
Acq: 25 Apr 2018 21:11

Tgt Ion	Ratio	Lower	Upper
92	100		
91	174.5	138.2	207.4





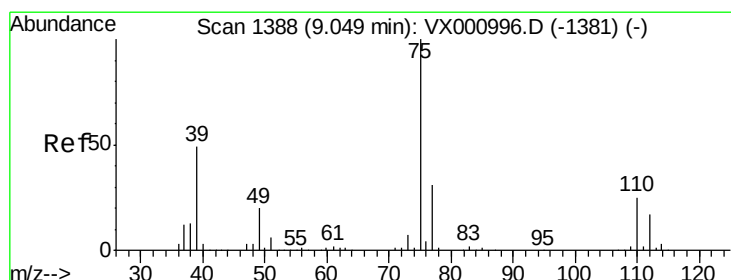
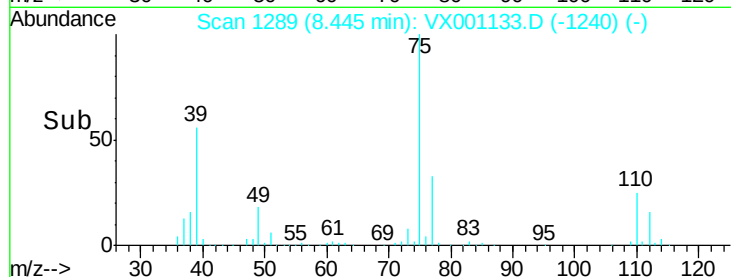
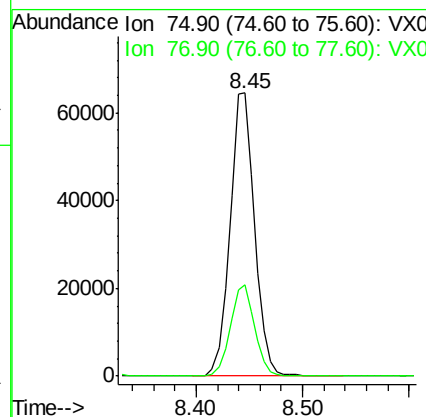
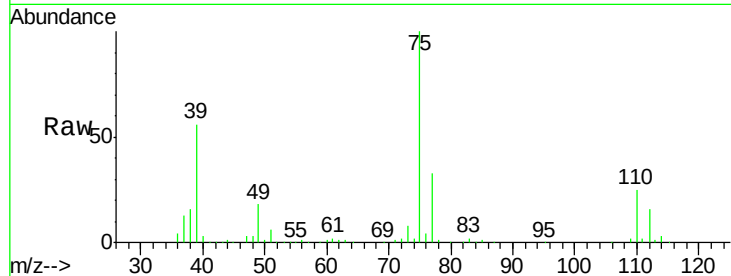
#53
t-1,3-Dichloropropene
Concen: 37.17 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VX001133.D
Acq: 25 Apr 2018 21:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 103966
Ion Ratio Lower Upper
75 100
77 32.5 25.8 38.6

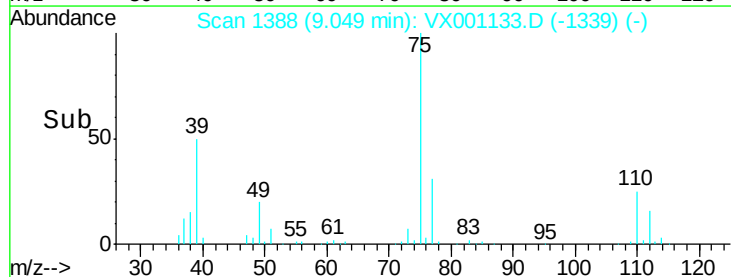
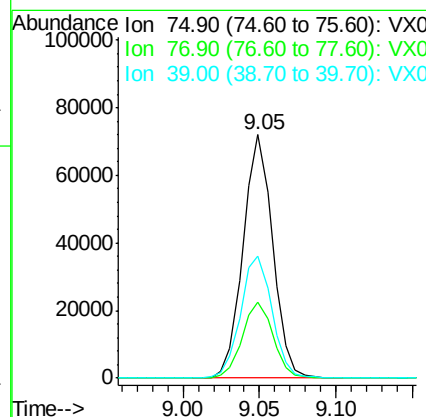
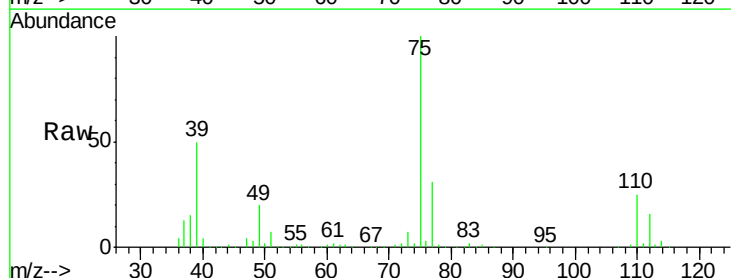
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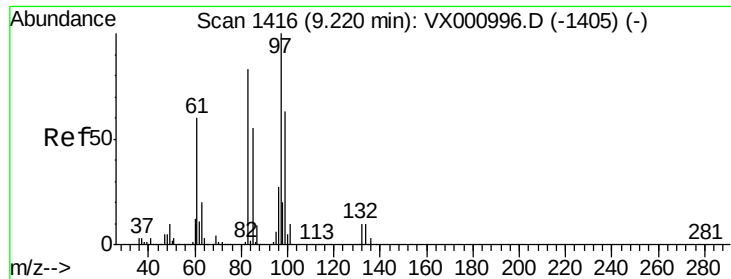
Sohil
4/27/2018 1:48:39 AM



#54
cis-1,3-Dichloropropene
Concen: 36.71 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VX001133.D
Acq: 25 Apr 2018 21:11

Tgt Ion: 75 Resp: 96825
Ion Ratio Lower Upper
75 100
77 31.2 25.0 37.6
39 49.9 39.2 58.8





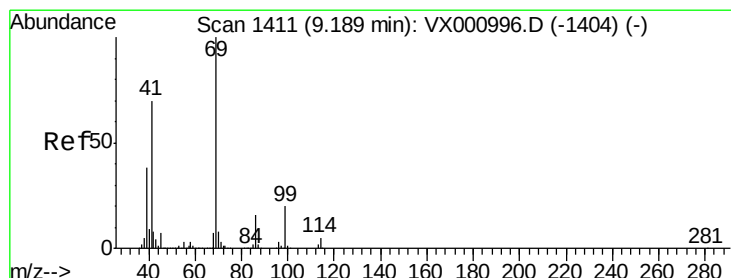
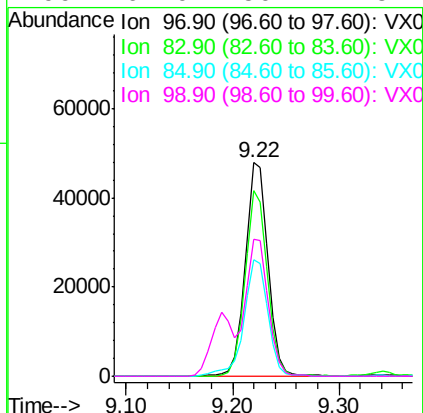
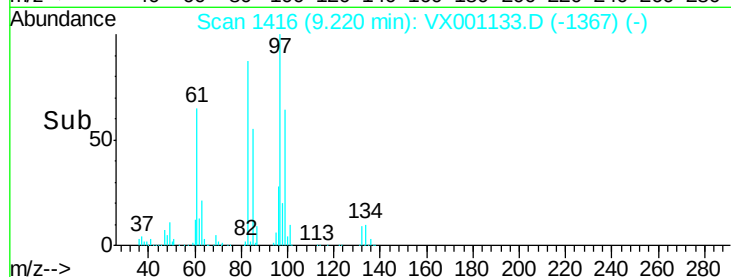
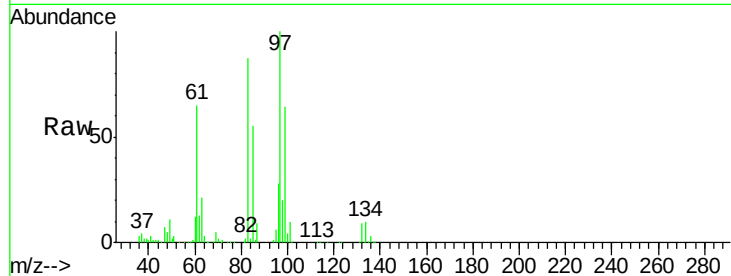
#55
 1,1,2-Trichloroethane
 Concen: 38.52 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001133.D
 Acq: 25 Apr 2018 21:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	71805
Ion	Ratio	Lower	Upper
97	100		
83	87.2	66.2	99.4
85	54.6	44.2	66.4
99	64.0	50.2	75.4

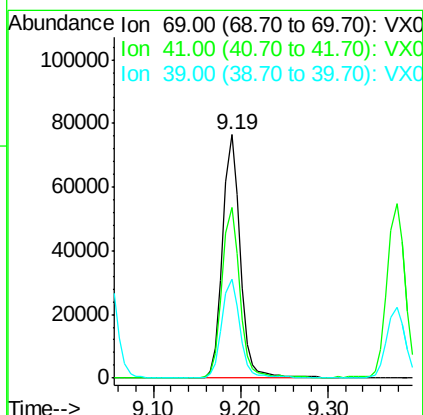
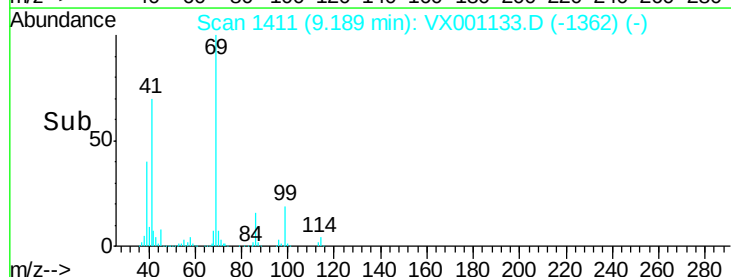
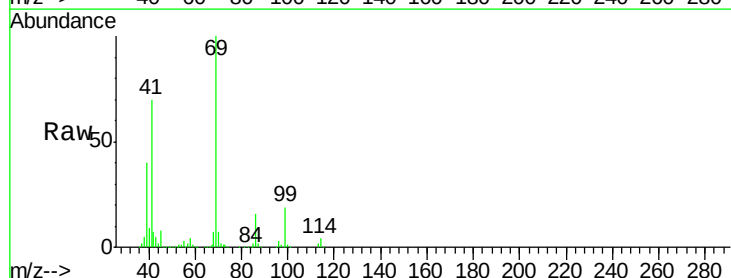
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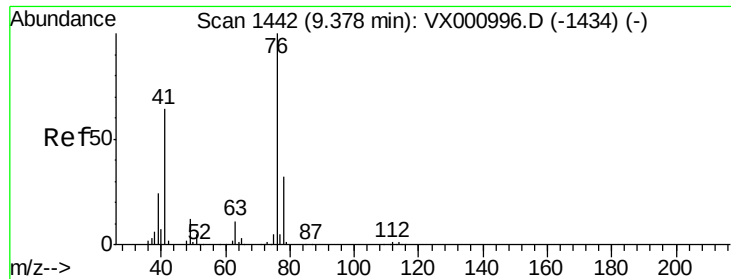
Sohil
 4/27/2018 1:48:39 AM



#56
 Ethyl methacrylate
 Concen: 38.74 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX001133.D
 Acq: 25 Apr 2018 21:11

Tgt Ion:	69	Resp:	106062
Ion	Ratio	Lower	Upper
69	100		
41	70.9	56.3	84.5
39	41.2	30.4	45.6





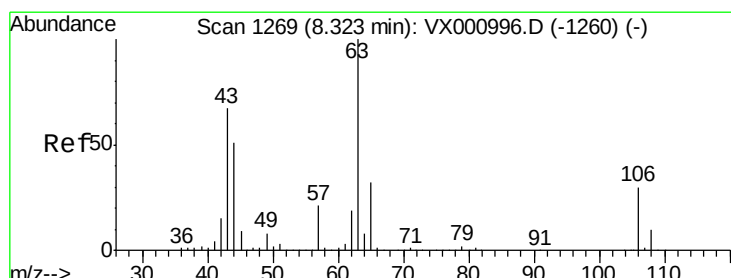
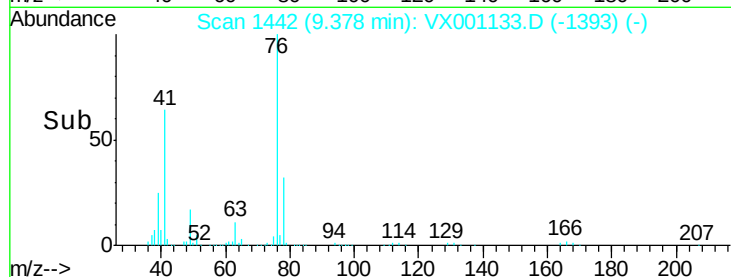
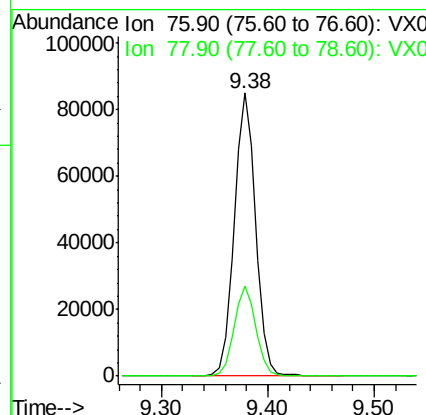
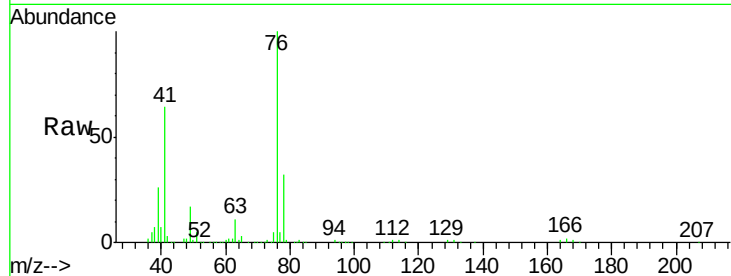
#57
 1,3-Dichloropropane
 Concen: 38.74 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX001133.D
 Acq: 25 Apr 2018 21:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.8	38.6

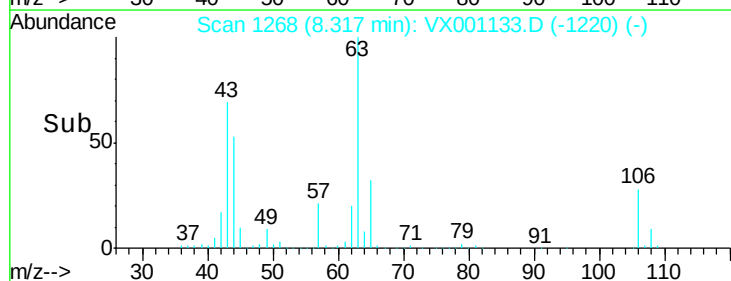
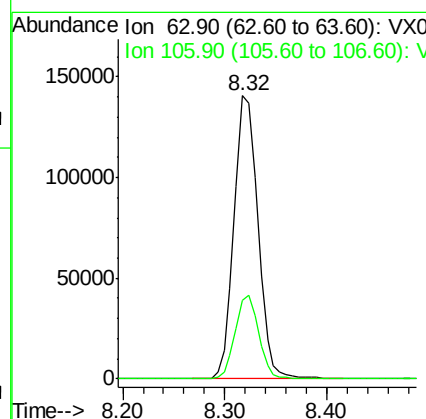
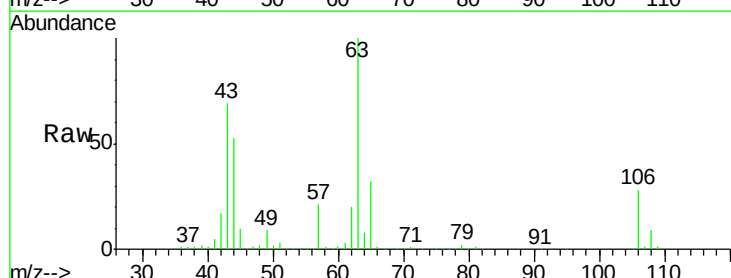
Manual Integrations
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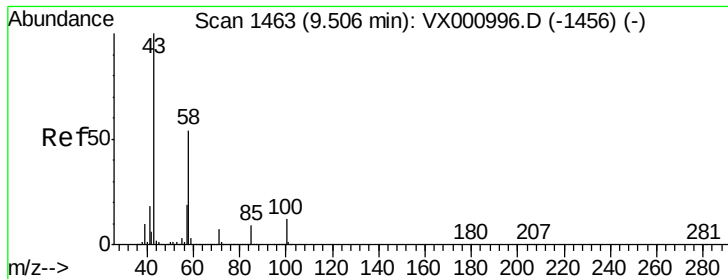
Sohil
 4/27/2018 1:48:39 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 170.38 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX001133.D
 Acq: 25 Apr 2018 21:11

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.2	23.8	35.6





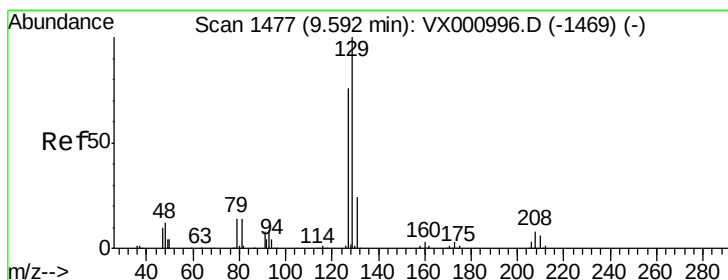
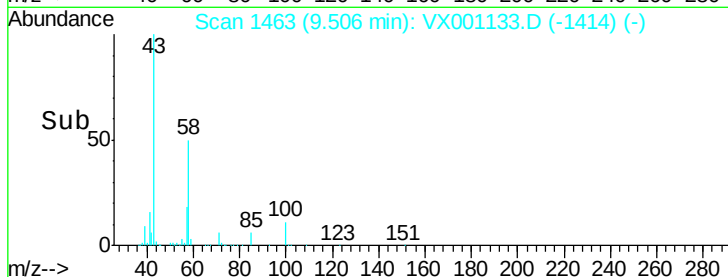
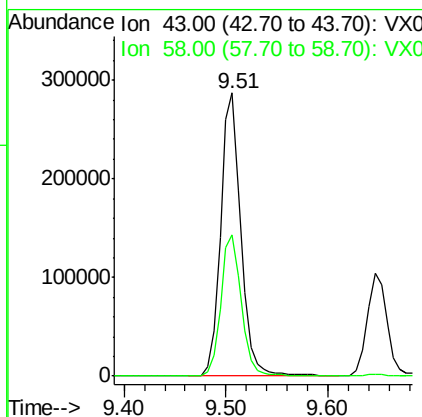
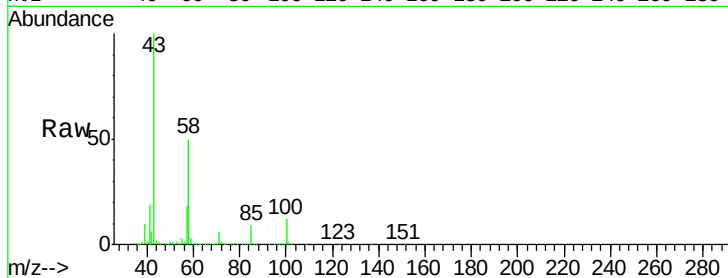
#59
2-Hexanone
Concen: 210.17 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001133.D
Acq: 25 Apr 2018 21:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 397319
Ion Ratio Lower Upper
43 100
58 50.8 26.3 78.9

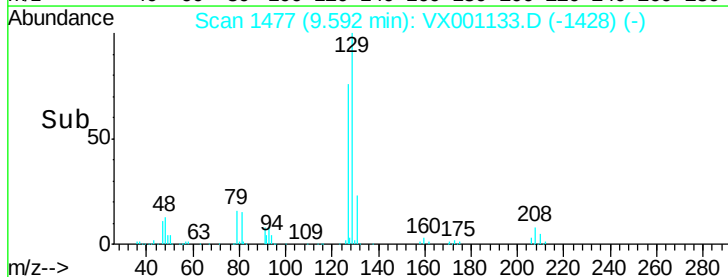
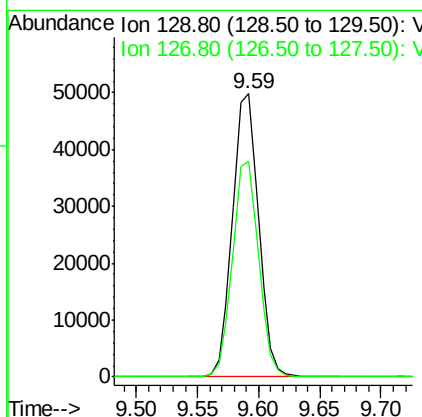
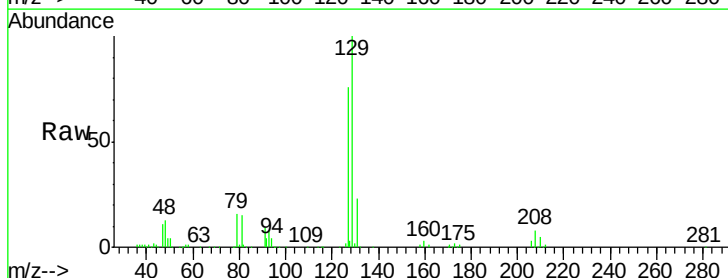
Manual Integrations
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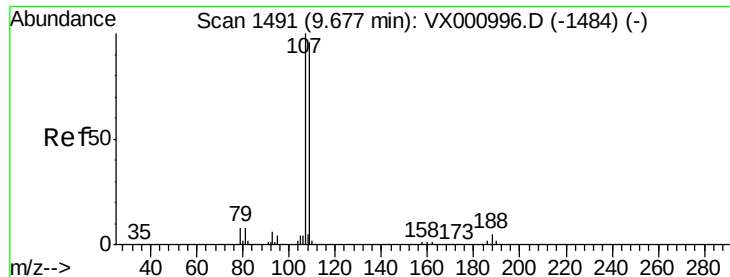
Sohil
4/27/2018 1:48:39 AM



#60
Dibromochloromethane
Concen: 37.52 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX001133.D
Acq: 25 Apr 2018 21:11

Tgt Ion: 129 Resp: 73470
Ion Ratio Lower Upper
129 100
127 76.0 38.6 115.8





#61

1,2-Dibromoethane

Concen: 39.39 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001133.D

Acq: 25 Apr 2018 21:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:107 Resp: 77495

Ion Ratio Lower Upper

107 100

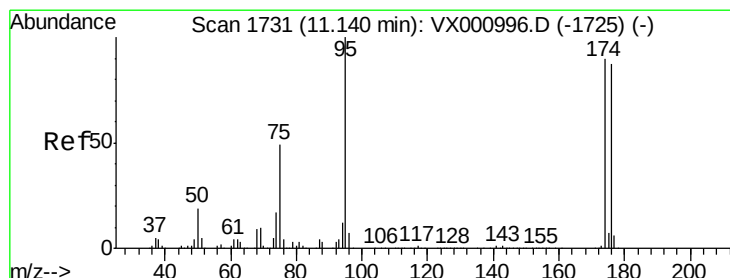
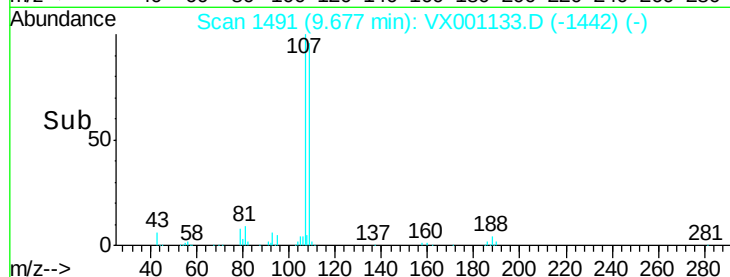
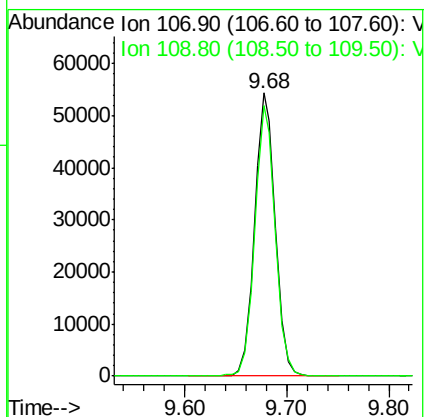
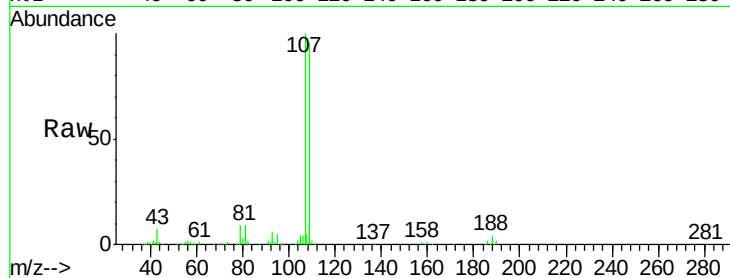
109 95.0 76.0 114.0

Manual Integrations

APPROVED

Sohil

4/27/2018 1:48:39 AM



#62

4-Bromofluorobenzene

Concen: 36.10 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001133.D

Acq: 25 Apr 2018 21:11

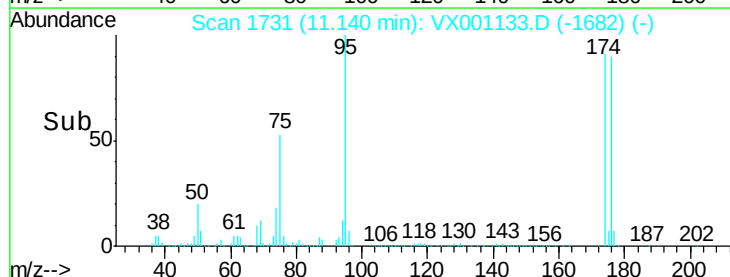
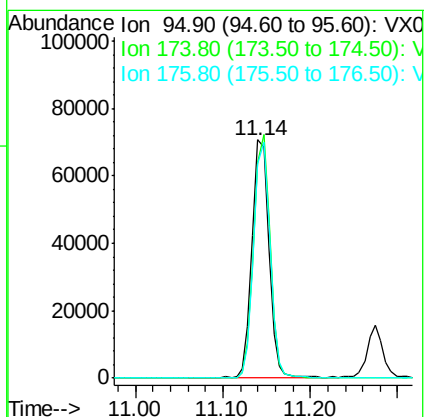
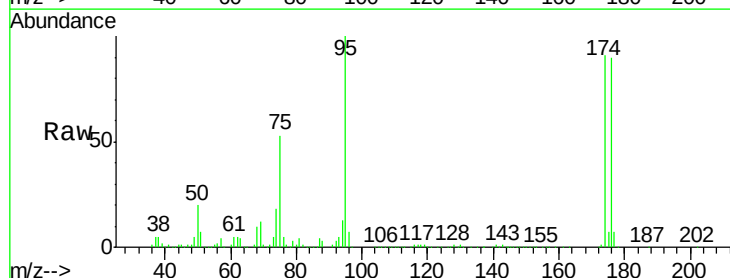
Tgt Ion: 95 Resp: 93970

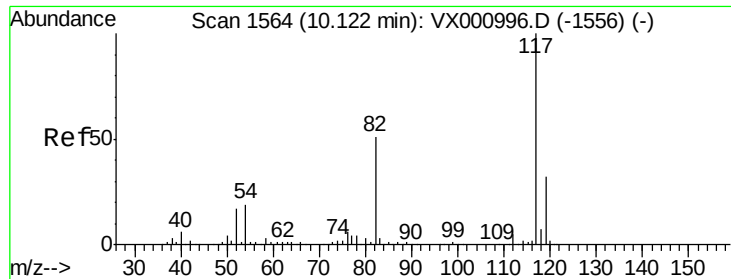
Ion Ratio Lower Upper

95 100

174 99.4 0.0 198.4

176 97.0 0.0 192.0





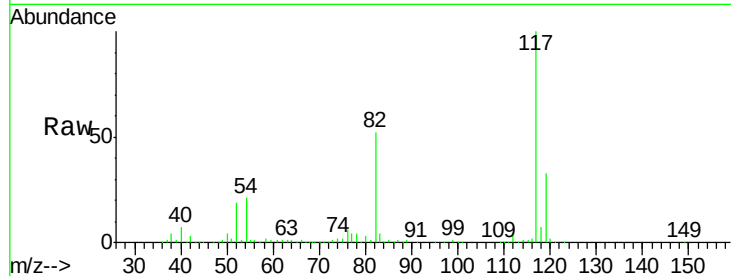
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX001133.D
Acq: 25 Apr 2018 21:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

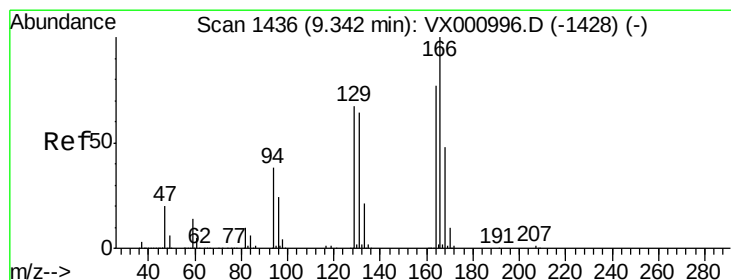
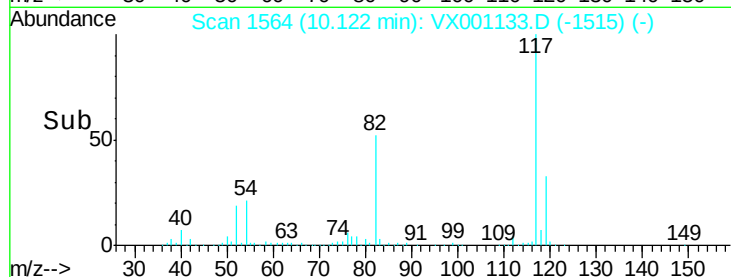
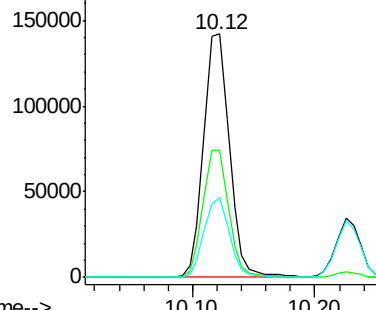
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.1	40.6	60.8
119	32.5	26.0	39.0

Manual Integrations
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Sohil
4/27/2018 1:48:39 AM



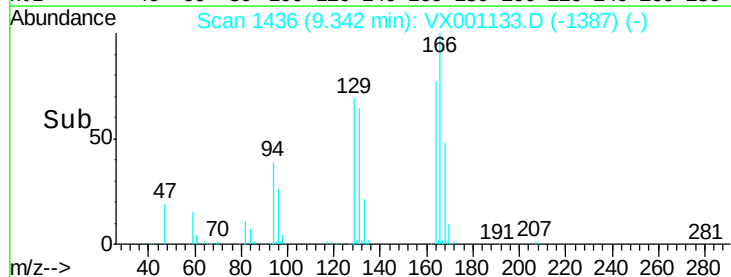
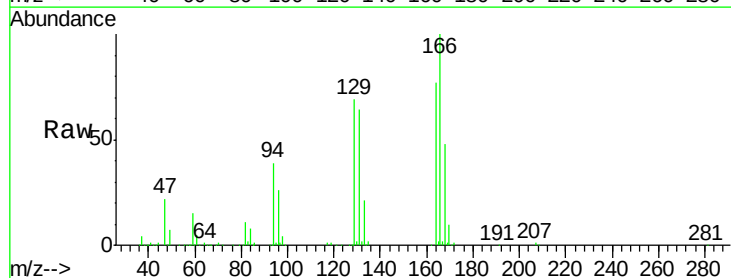
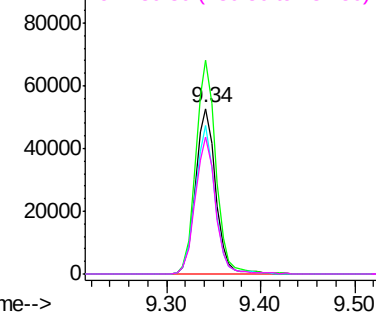
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

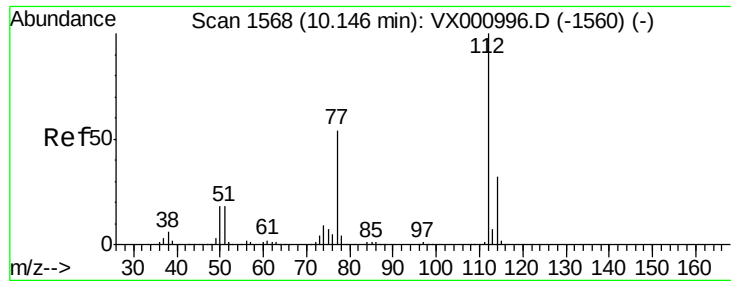


#64
Tetrachloroethene
Concen: 35.77 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001133.D
Acq: 25 Apr 2018 21:11

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.2	103.5	155.3
129	89.5	69.6	104.4
131	82.9	65.8	98.8

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





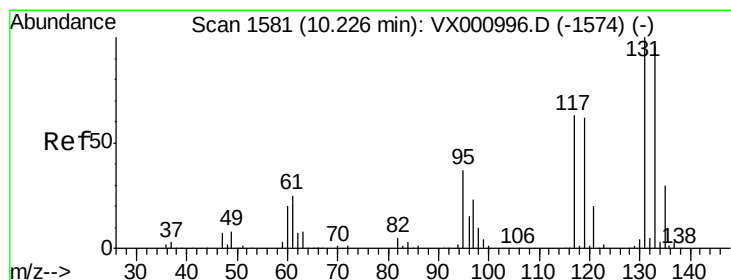
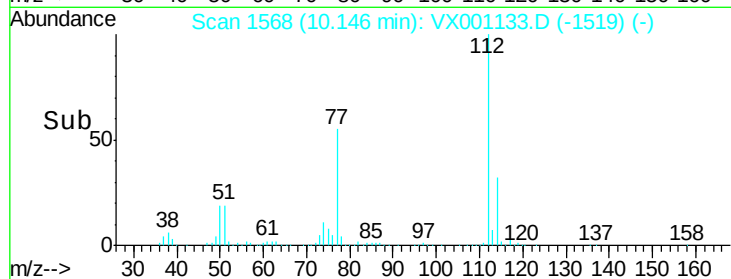
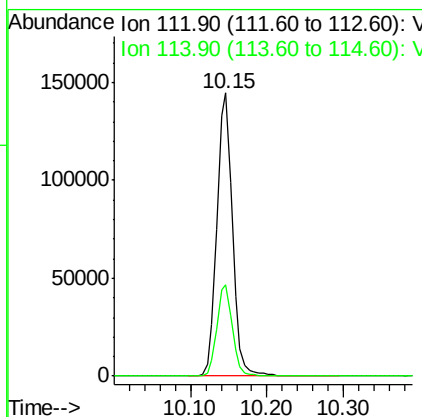
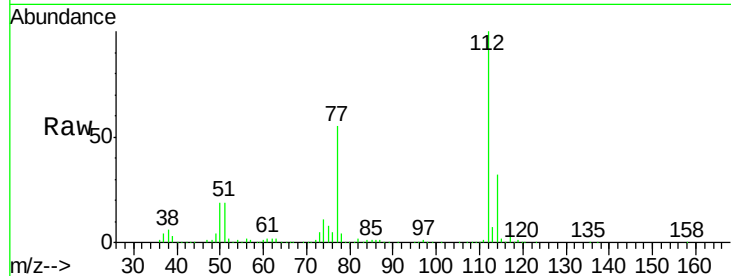
#65
Chlorobenzene
Concen: 36.84 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX001133.D
Acq: 25 Apr 2018 21:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 203735
Ion Ratio Lower Upper
112 100
114 32.3 25.5 38.3

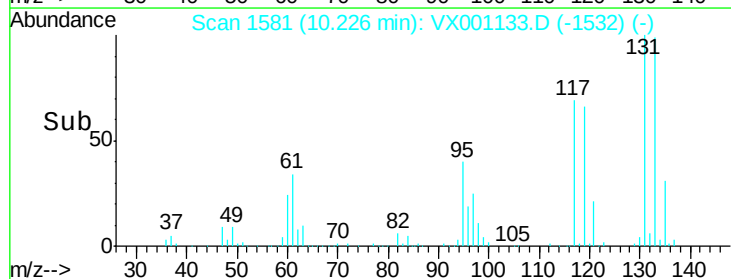
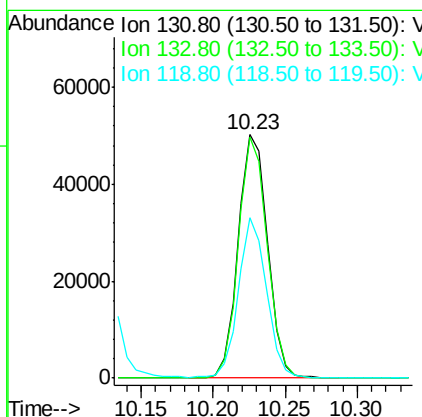
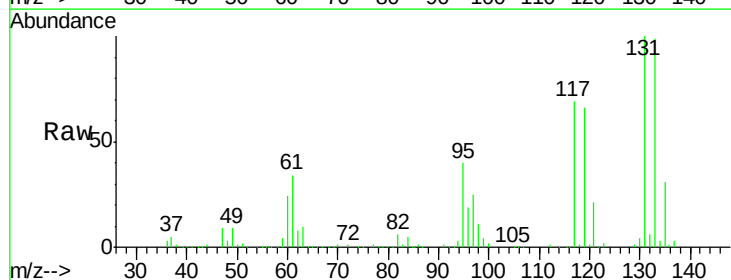
Manual Integrations
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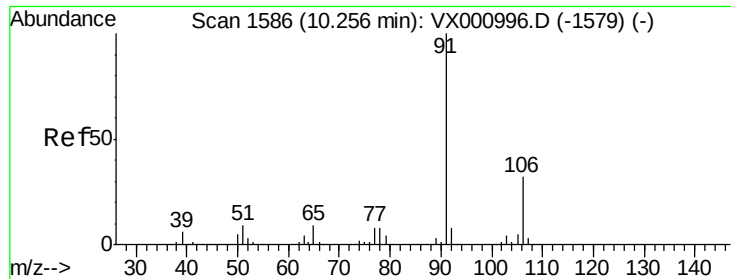
Sohil
4/27/2018 1:48:39 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 37.52 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX001133.D
Acq: 25 Apr 2018 21:11

Tgt Ion:131 Resp: 71224
Ion Ratio Lower Upper
131 100
133 97.0 47.6 142.8
119 62.8 31.1 93.2





#67

Ethyl Benzene

Concen: 35.40 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX001133.D

Acq: 25 Apr 2018 21:11

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tot Ion: 91 Resp: 325156

Ion Ratio Lower Upper

91 100

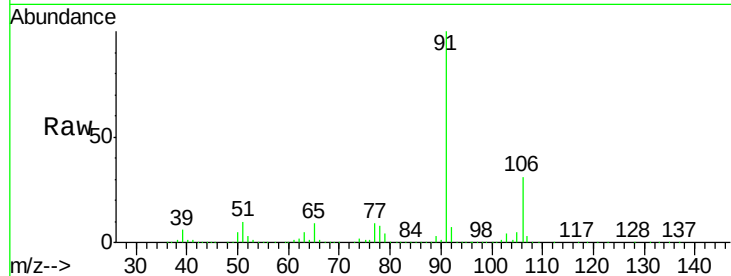
106 31.4 25.7 38.5

Manual Integrations

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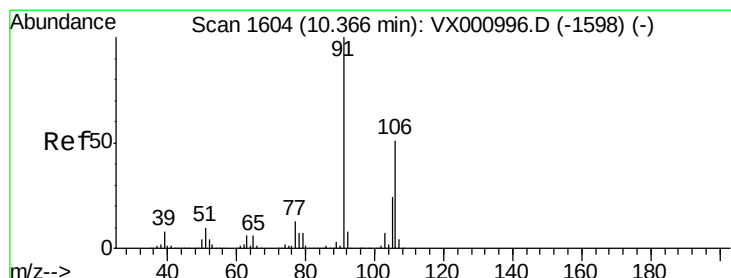
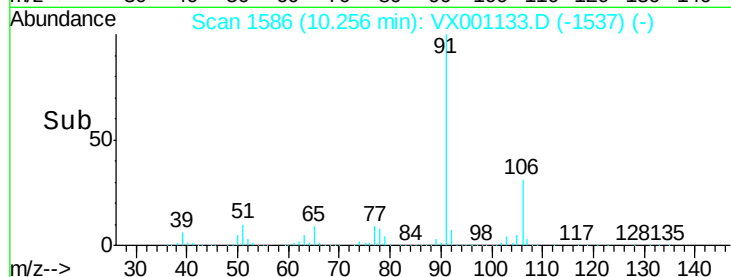
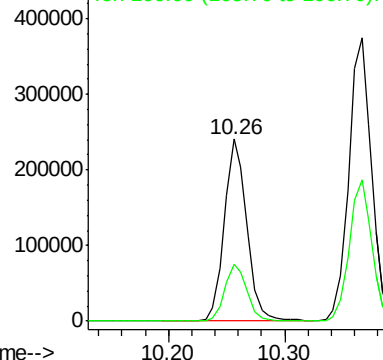
Sohil

4/27/2018 1:48:39 AM



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 70.70 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX001133.D

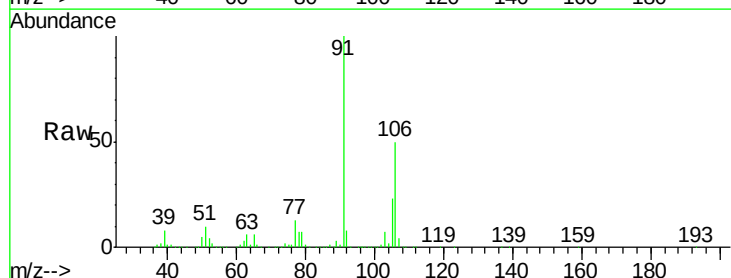
Acq: 25 Apr 2018 21:11

Tgt Ion: 106 Resp: 255915

Ion Ratio Lower Upper

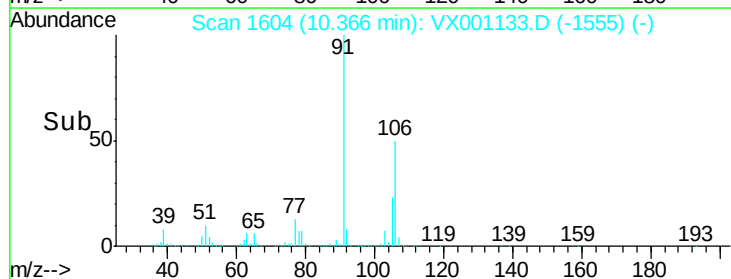
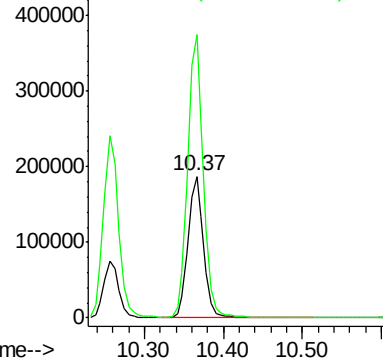
106 100

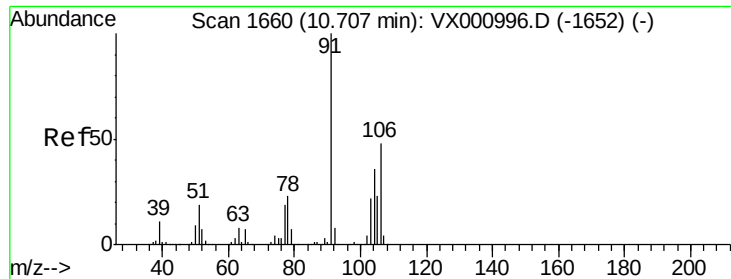
91 202.3 159.3 238.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





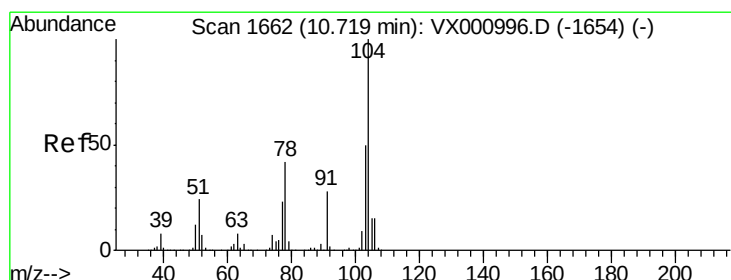
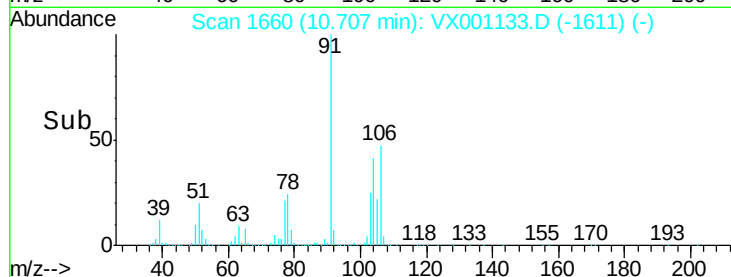
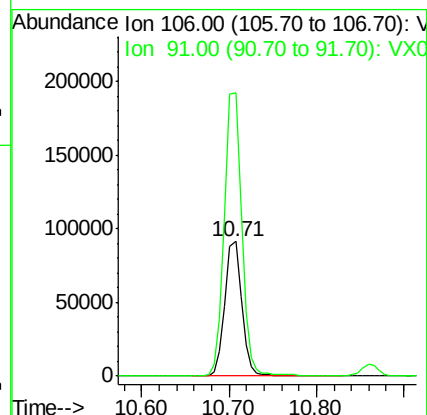
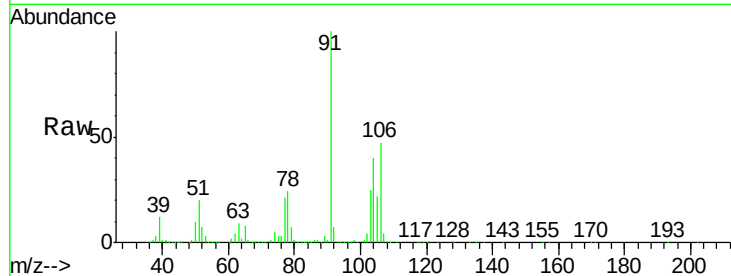
#69
o-Xylene
Concen: 35.26 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX001133.D
Acq: 25 Apr 2018 21:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	215.5	105.1	315.1	

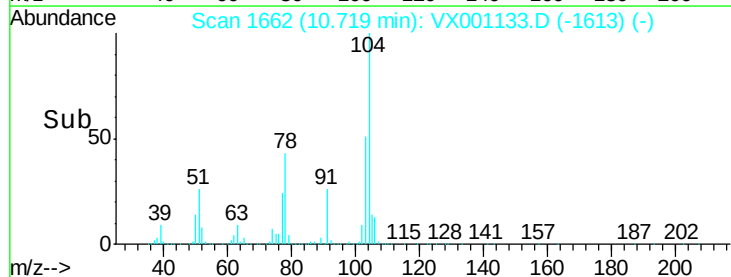
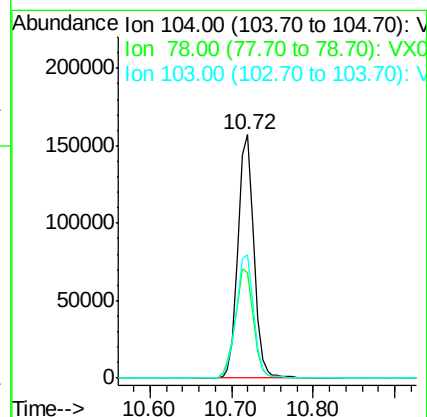
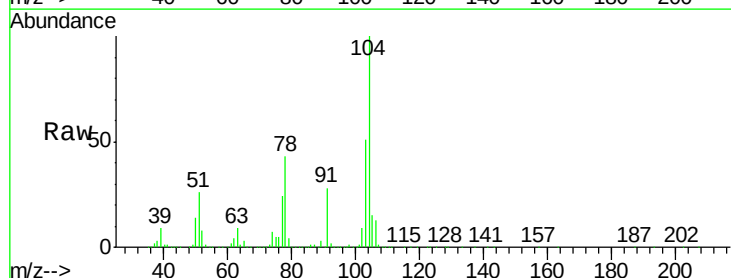
Manual Integrations
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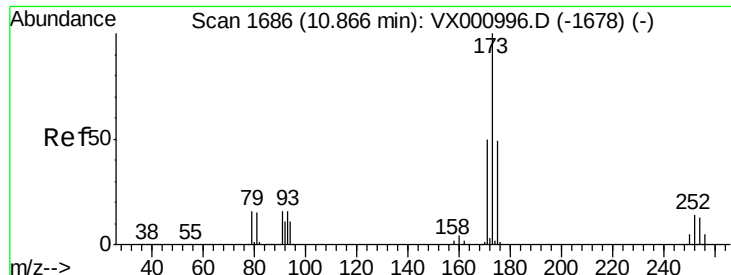
Sohil
4/27/2018 1:48:39 AM



#70
Styrene
Concen: 36.55 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001133.D
Acq: 25 Apr 2018 21:11

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	51.0	39.4	59.2	
103	55.9	44.2	66.2	





#71

Bromoform

Concen: 33.60 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX001133.D

Acq: 25 Apr 2018 21:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 57716

Ion Ratio Lower Upper

173 100

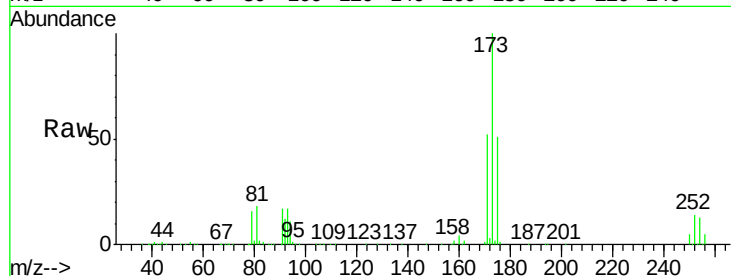
175 48.8 24.8 74.3

254 0.2 0.2 0.2

Manual Integrations
APPROVED

Sohil

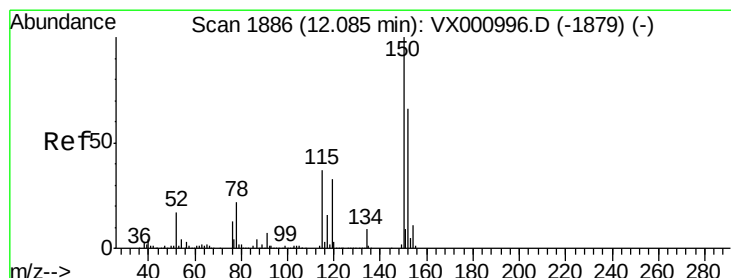
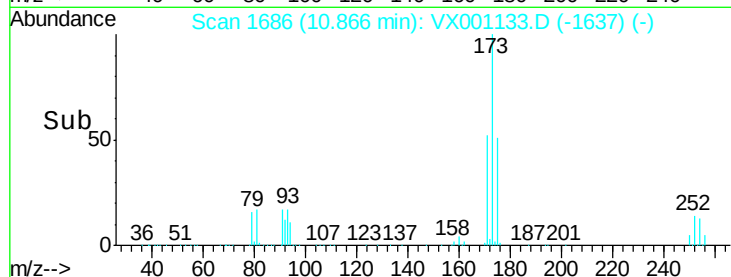
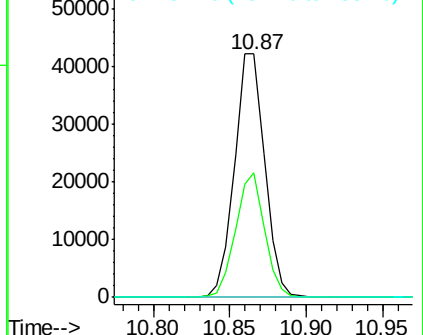
4/27/2018 1:48:39 AM



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: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001133.D

Acq: 25 Apr 2018 21:11

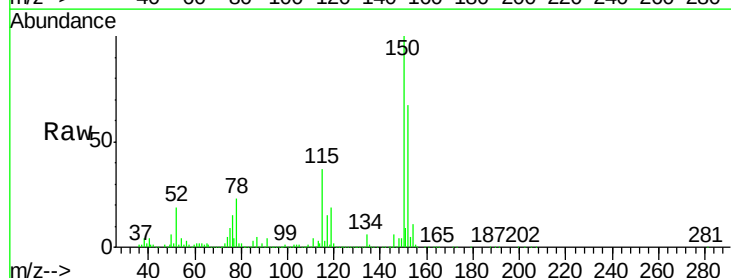
Tgt Ion:152 Resp: 137064

Ion Ratio Lower Upper

152 100

115 70.3 38.2 114.6

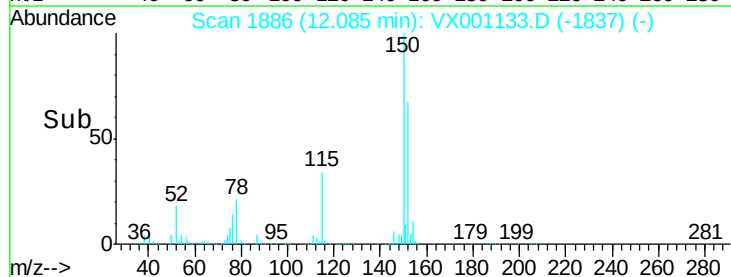
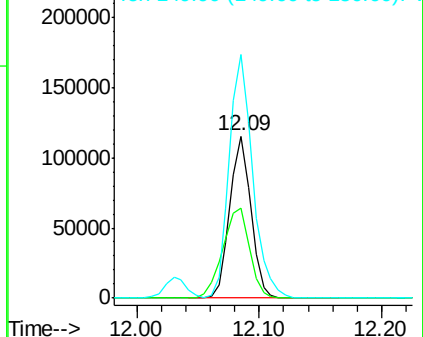
150 167.6 0.0 350.4

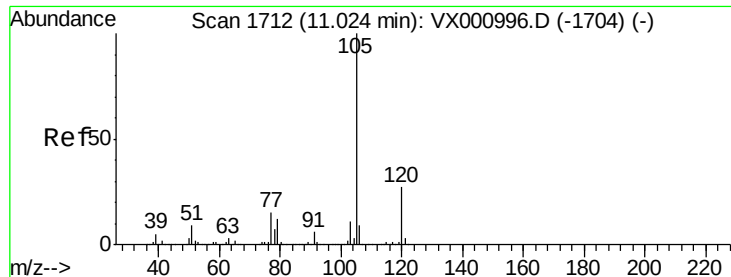


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 36.39 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001133.D

Acq: 25 Apr 2018 21:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 326074

Ion Ratio Lower Upper

105 100

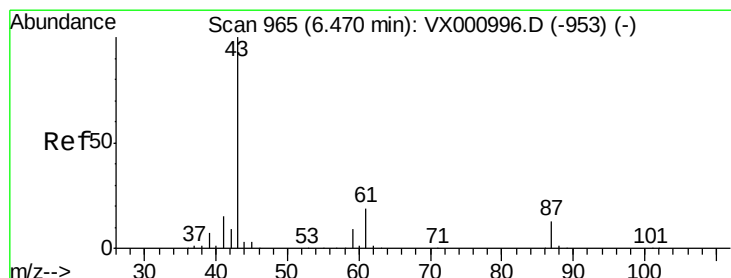
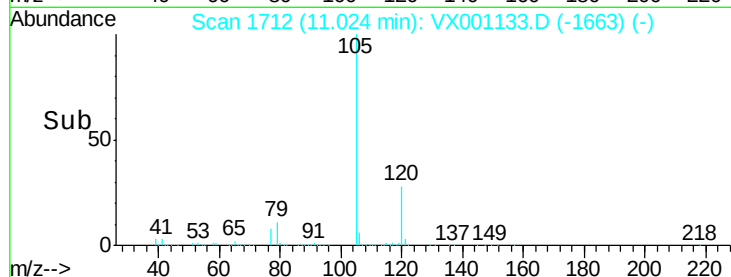
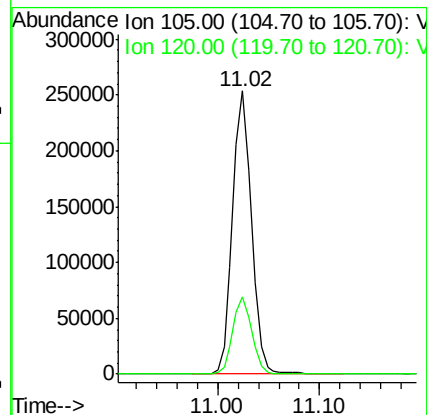
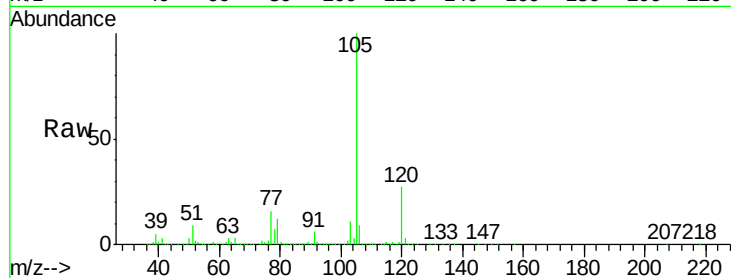
120 27.4 13.4 40.2

Manual Integrations

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Sohil

4/27/2018 1:48:39 AM



#74

N-ethyl acetate

Concen: 41.14 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX001133.D

Acq: 25 Apr 2018 21:11

Tgt Ion: 43 Resp: 157687

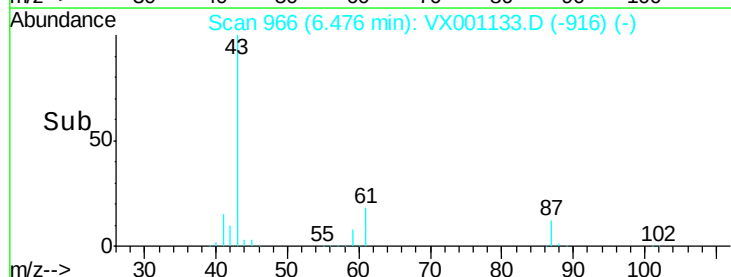
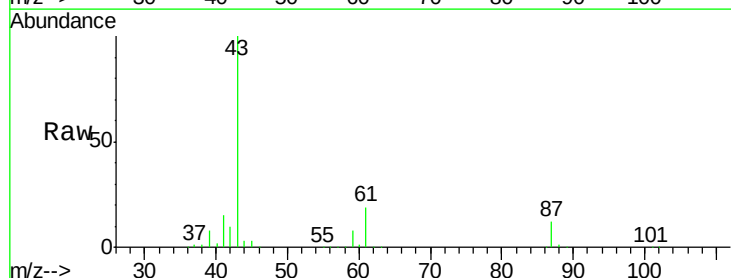
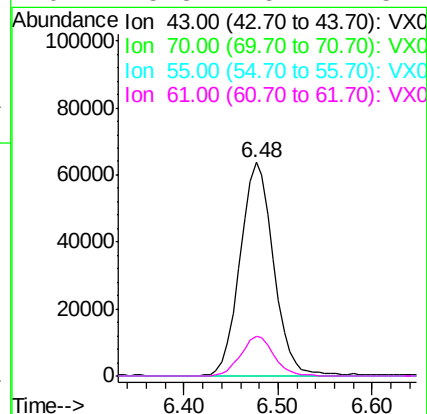
Ion Ratio Lower Upper

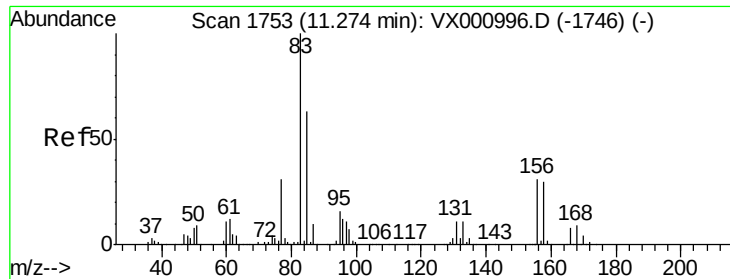
43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1#

61 18.8 15.4 23.2





#75

1,1,2,2-Tetrachloroethane

Concen: 42.43 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001133.D

Acq: 25 Apr 2018 21:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 107619

Ion Ratio Lower Upper

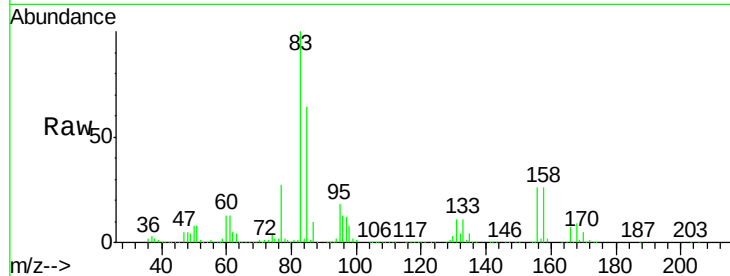
83 100

131 11.3 5.8 17.4

85 63.7 32.0 96.2

Manual Integrations
APPROVED

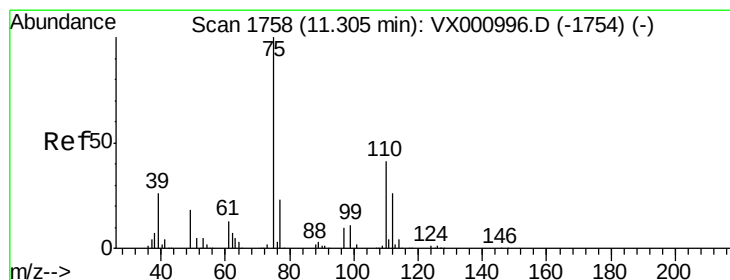
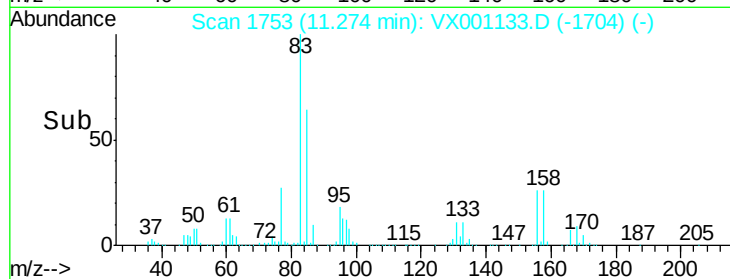
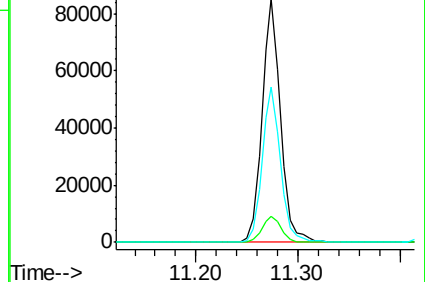
Sohil
4/27/2018 1:48:39 AM



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 42.58 ug/l m

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX001133.D

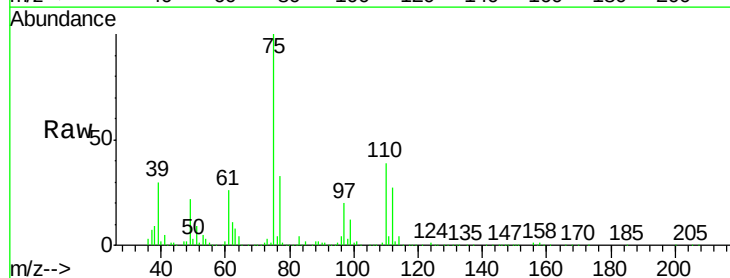
Acq: 25 Apr 2018 21:11

Tgt Ion: 75 Resp: 101262

Ion Ratio Lower Upper

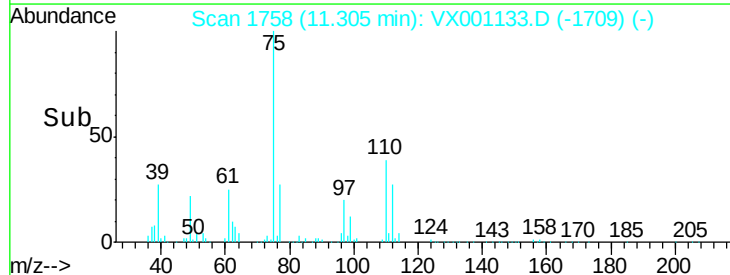
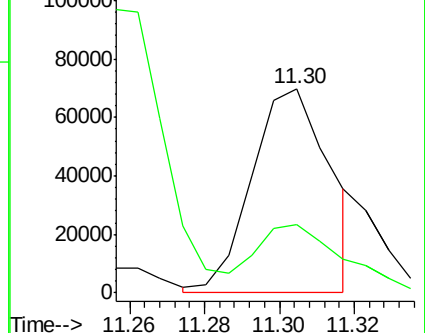
75 100

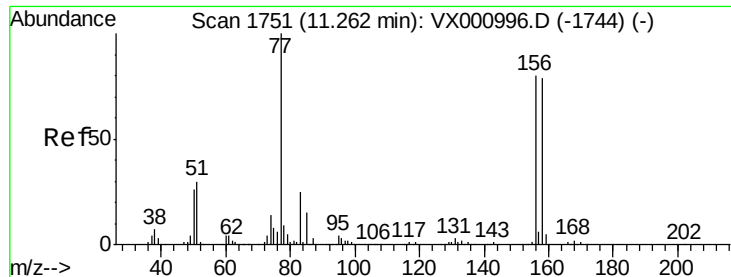
77 37.3 19.6 58.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 38.08 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001133.D

Acq: 25 Apr 2018 21:11

Instrument :

MSVOA_X

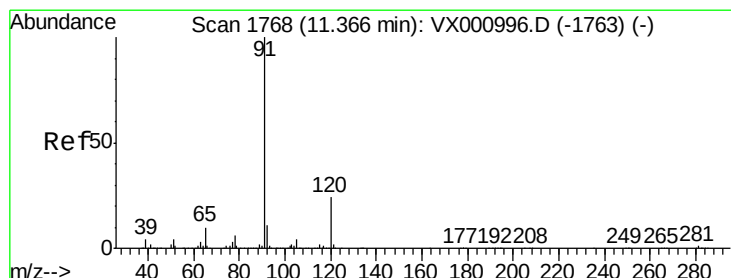
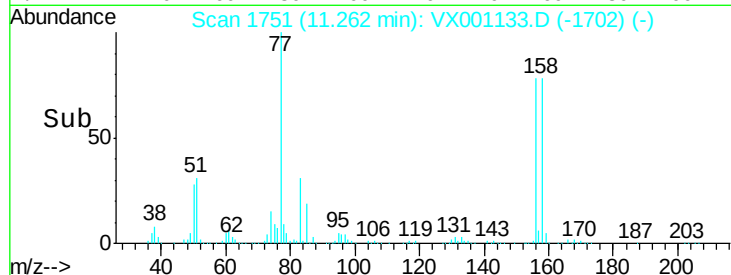
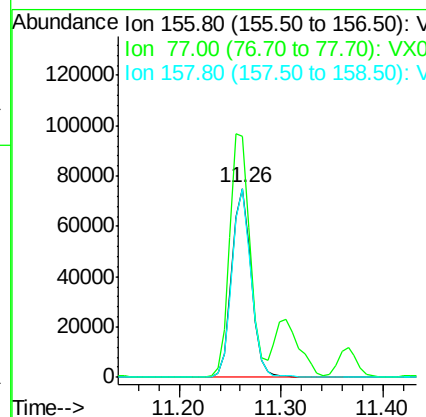
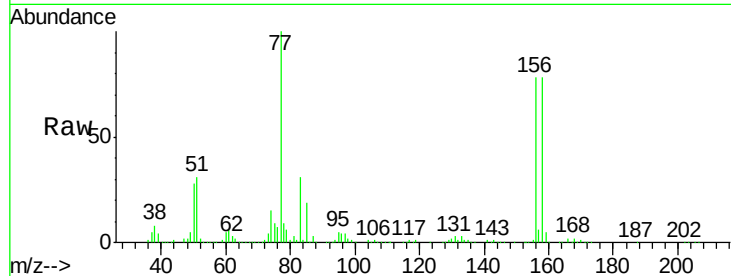
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	136.0	66.3	199.0	
158	98.0	48.9	146.6	

Manual Integrations
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4/27/2018 1:48:39 AM



#78

n-propylbenzene

Concen: 35.86 ug/l

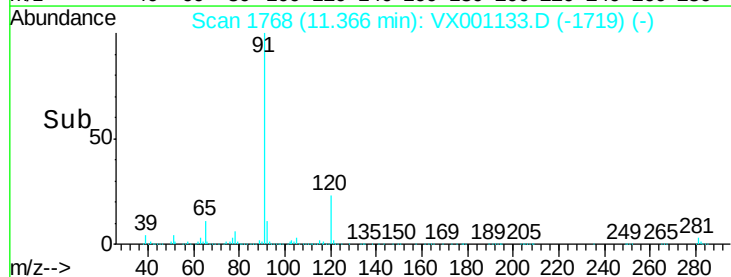
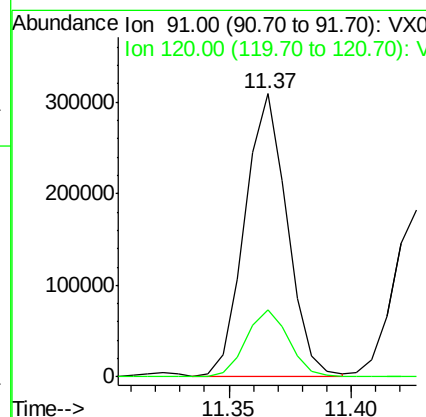
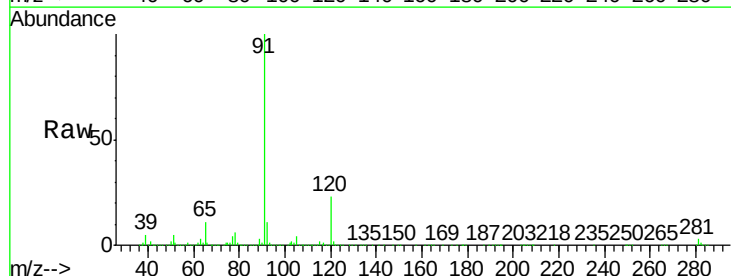
RT: 11.37 min Scan# 1768

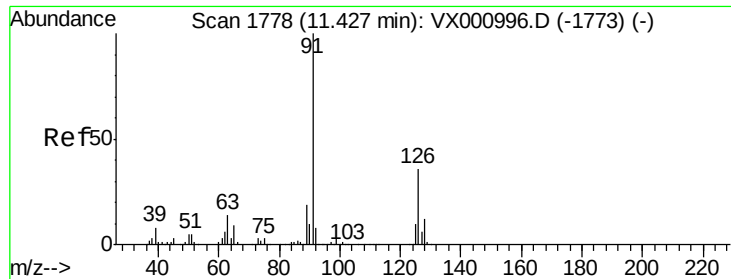
Delta R.T. 0.00 min

Lab File: VX001133.D

Acq: 25 Apr 2018 21:11

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	24.2	12.4	37.0	





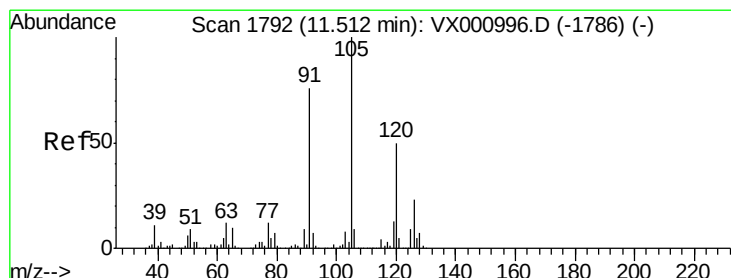
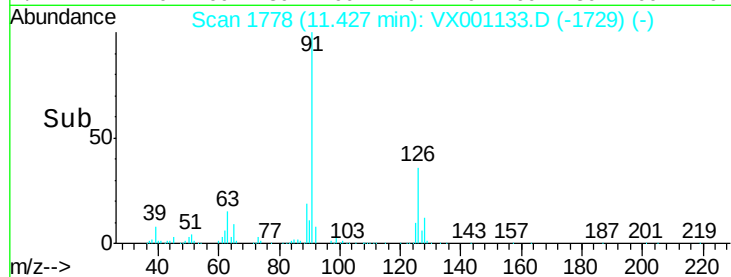
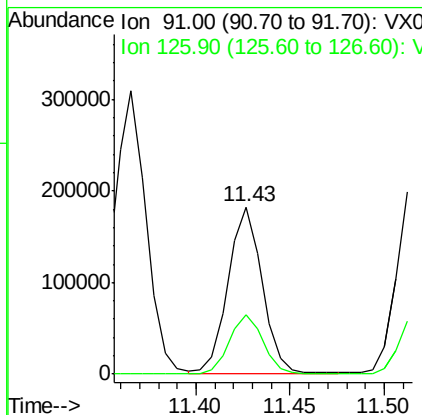
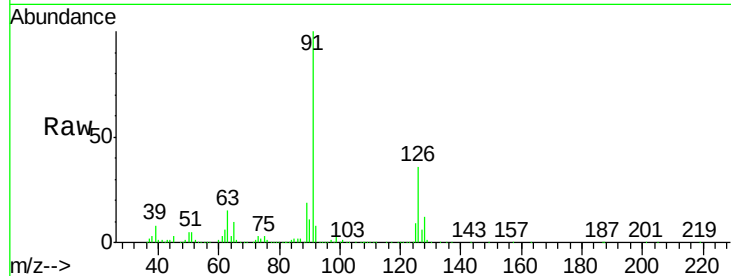
#79
 2-Chlorotoluene
 Concen: 37.37 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX001133.D
 Acq: 25 Apr 2018 21:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 227150
 Ion Ratio Lower Upper
 91 100
 126 35.8 18.3 54.9

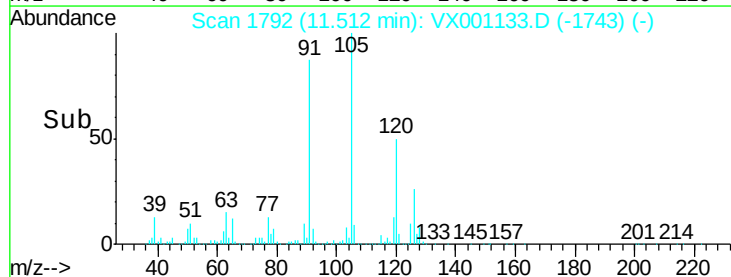
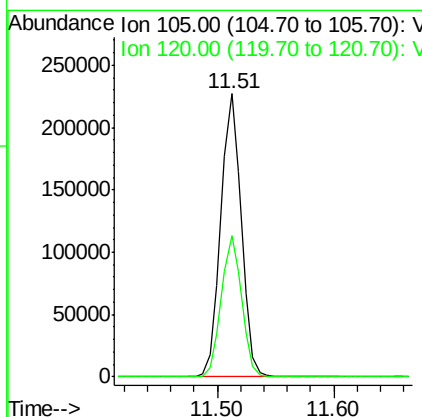
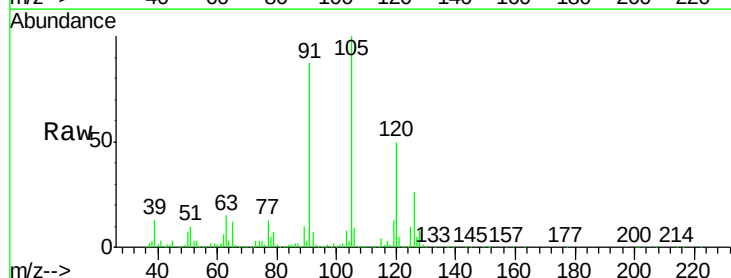
Manual Integrations
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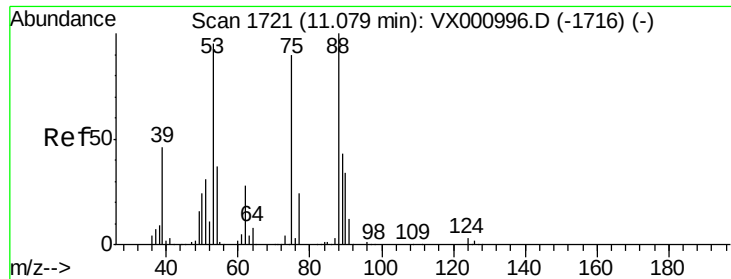
Sohil
 4/27/2018 1:48:39 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 36.16 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX001133.D
 Acq: 25 Apr 2018 21:11

Tgt Ion: 105 Resp: 274634
 Ion Ratio Lower Upper
 105 100
 120 49.9 25.0 75.0





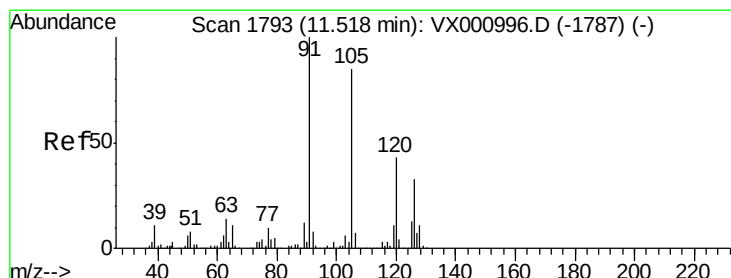
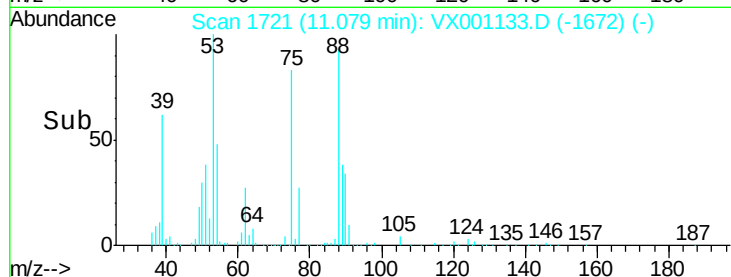
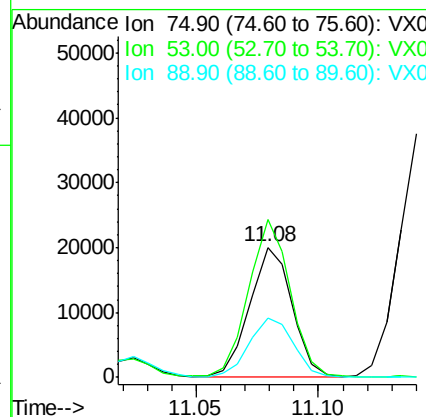
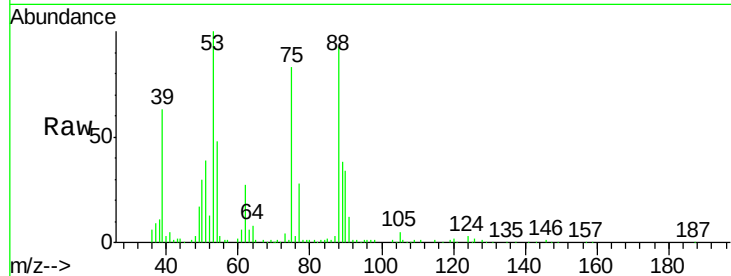
#81
trans-1,4-Dichloro-2-butene
Concen: 32.27 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX001133.D
Acq: 25 Apr 2018 21:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	119.2	83.4	125.2
89	48.3	39.7	59.5

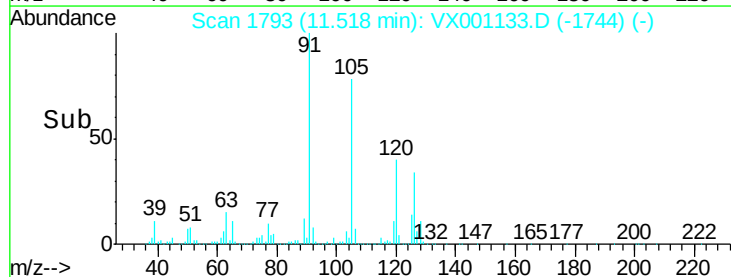
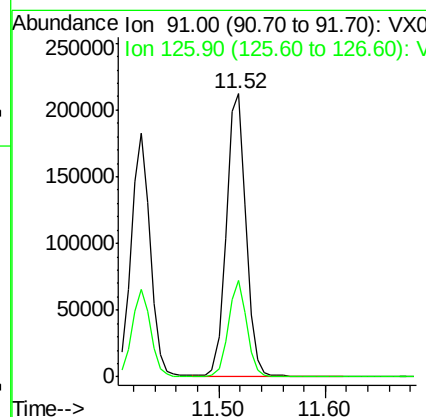
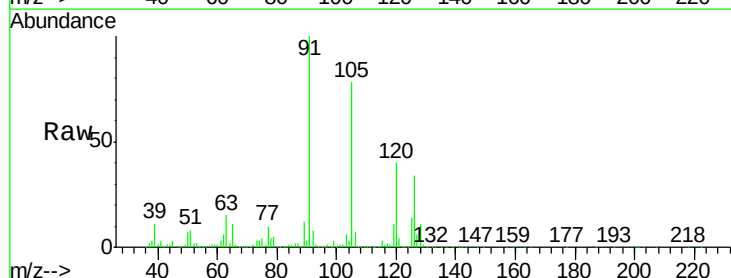
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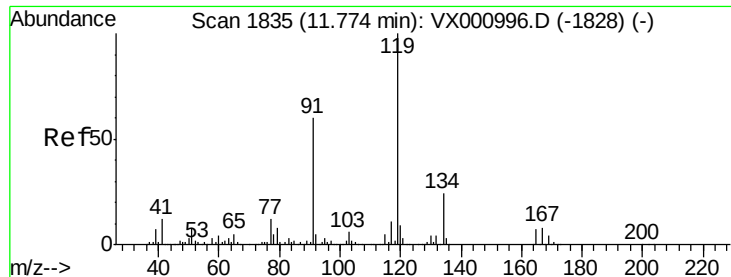
Sohil
4/27/2018 1:48:39 AM



#82
4-Chlorotoluene
Concen: 37.24 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX001133.D
Acq: 25 Apr 2018 21:11

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.9	16.2	48.5





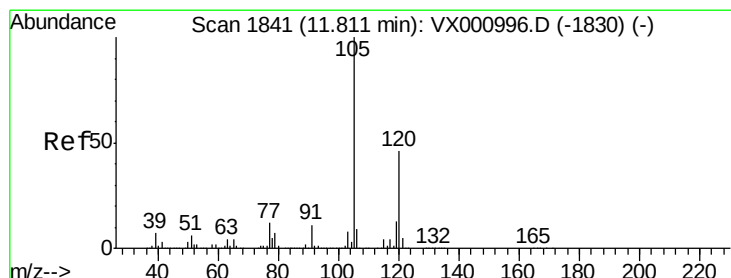
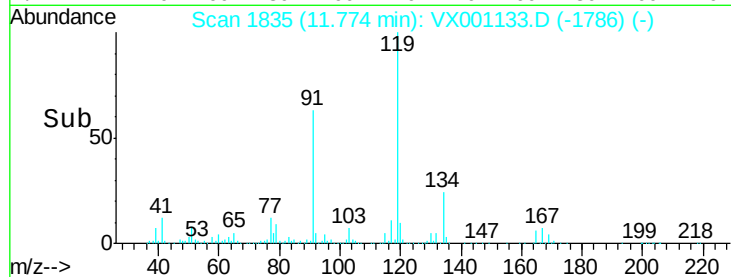
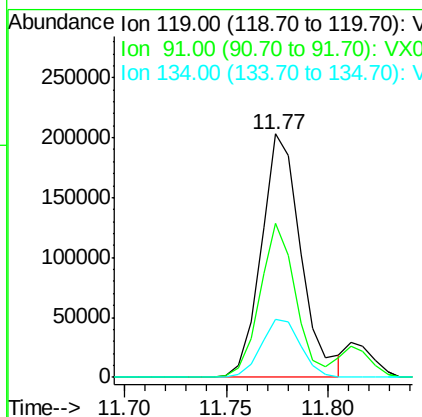
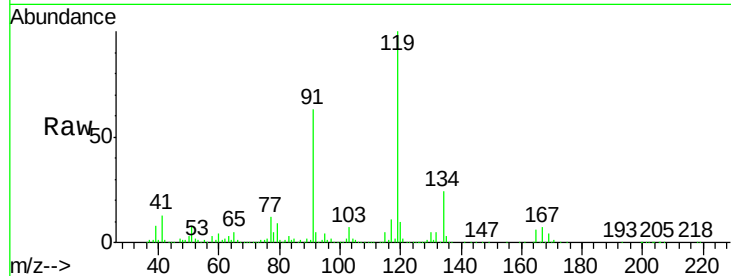
#83
 tert-Butylbenzene
 Concen: 35.78 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX001133.D
 Acq: 25 Apr 2018 21:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	56.8	27.0	81.0
134	23.9	11.6	34.7

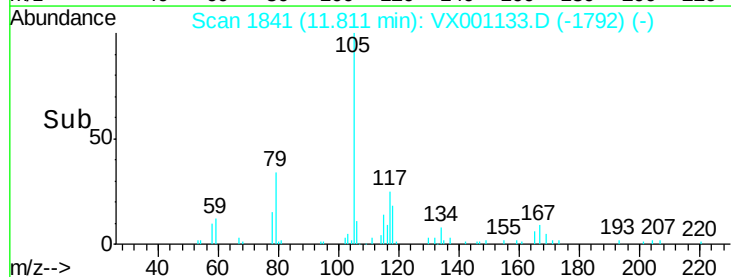
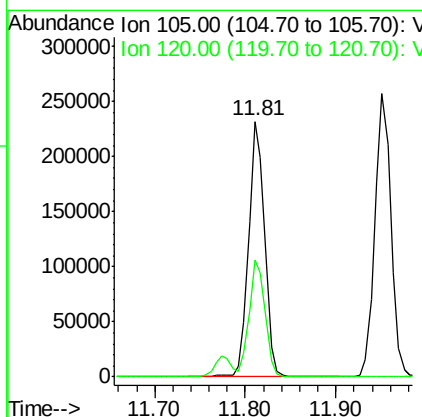
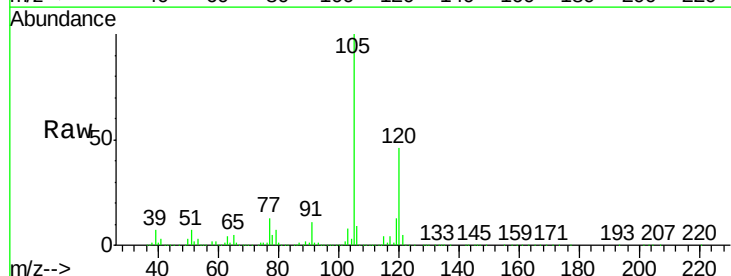
Manual Integrations
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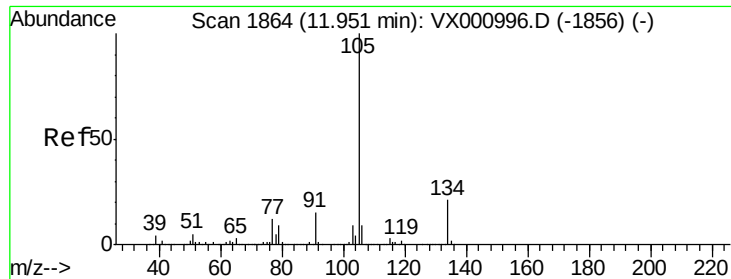
Sohil
 4/27/2018 1:48:39 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 36.19 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001133.D
 Acq: 25 Apr 2018 21:11

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.5	23.0	69.0





#85

sec-Butylbenzene

Concen: 34.44 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX001133.D

Acq: 25 Apr 2018 21:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 315037

Ion Ratio Lower Upper

105 100

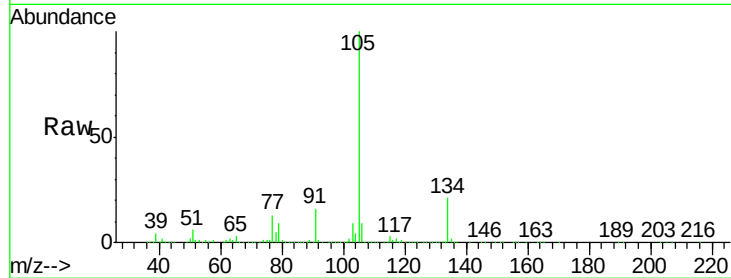
134 21.3 10.5 31.6

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

300000

250000

200000

150000

100000

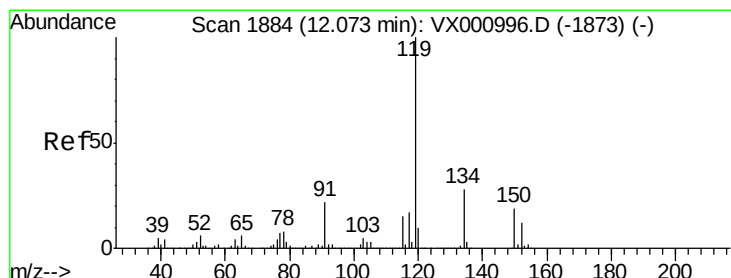
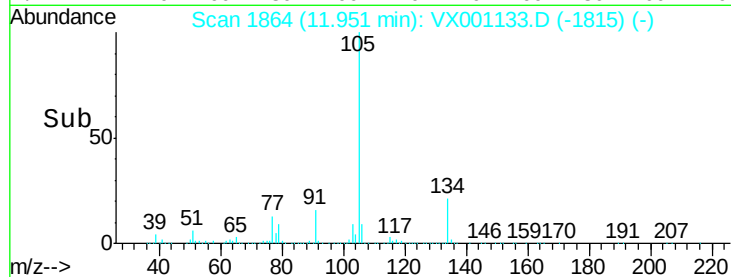
50000

0

11.90

12.00

Time-->



#86

p-Isopropyltoluene

Concen: 34.21 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.01 min

Lab File: VX001133.D

Acq: 25 Apr 2018 21:11

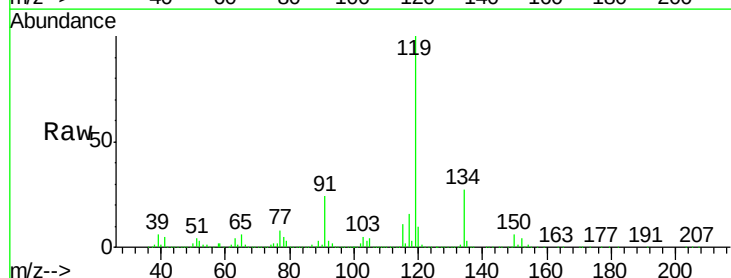
Tgt Ion:119 Resp: 289430

Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.5

91 23.5 11.4 34.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

300000

250000

200000

150000

100000

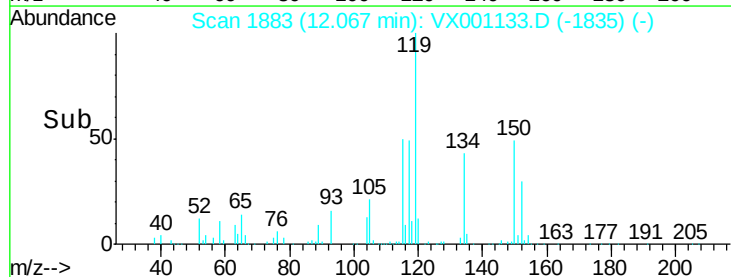
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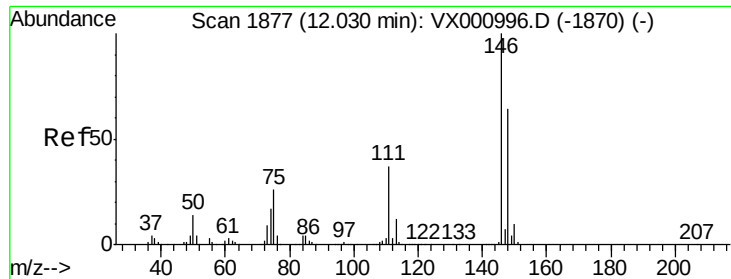
0

12.00

12.10

Time-->





#87

1,3-Dichlorobenzene

Concen: 35.91 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX001133.D

Acq: 25 Apr 2018 21:11

Instrument :

MSVOA_X

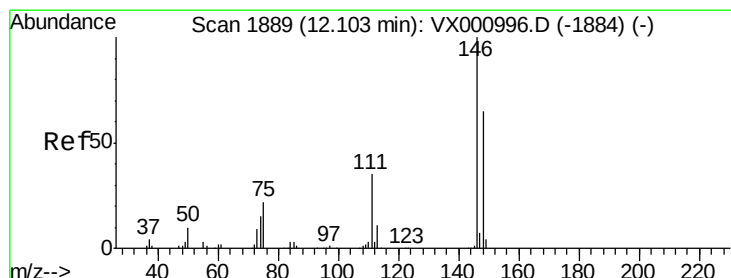
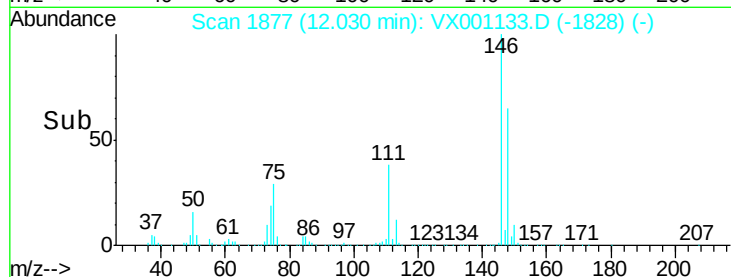
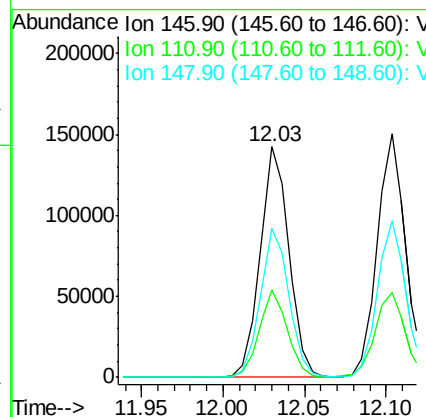
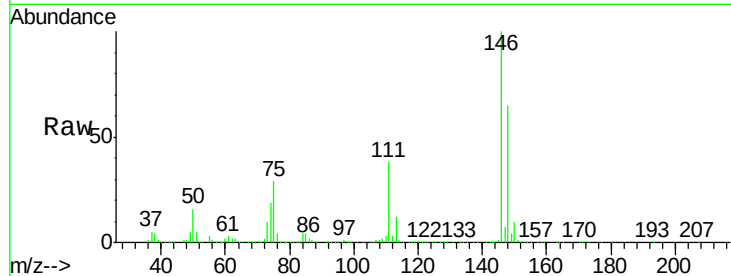
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	174871
Ion Ratio	Lower	Upper	
146	100		
111	37.0	18.3	54.8
148	64.3	32.2	96.6

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 36.17 ug/l

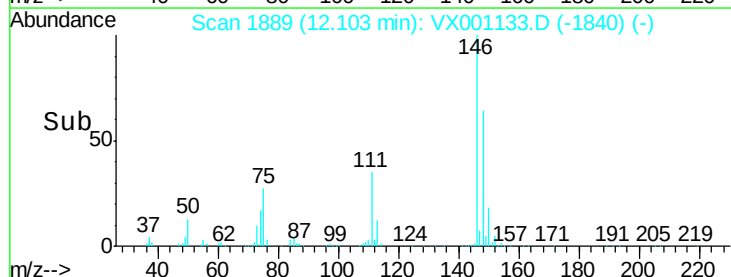
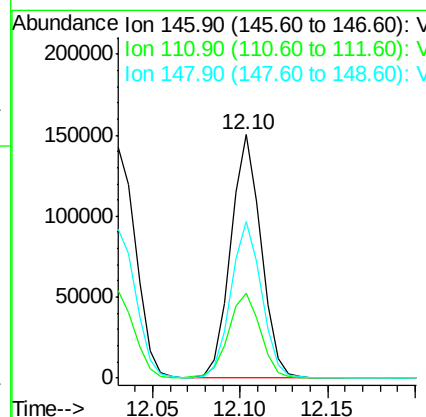
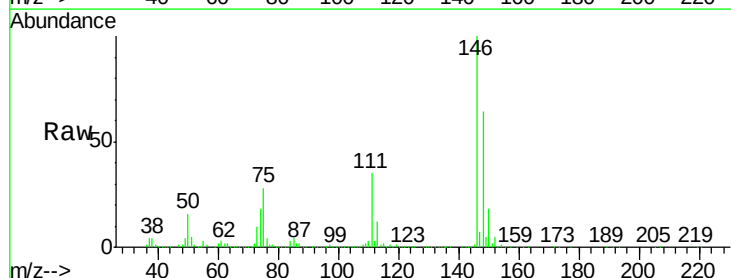
RT: 12.10 min Scan# 1889

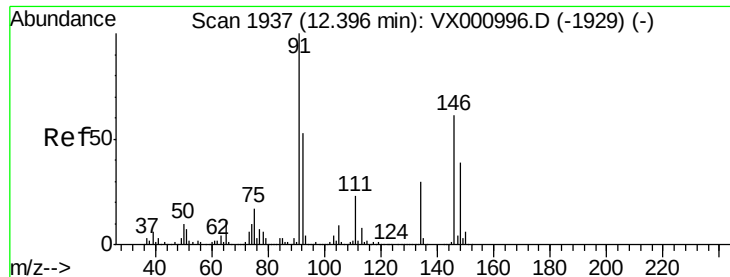
Delta R.T. 0.00 min

Lab File: VX001133.D

Acq: 25 Apr 2018 21:11

Tgt Ion:	146	Resp:	180801
Ion Ratio	Lower	Upper	
146	100		
111	36.6	18.0	54.0
148	65.0	32.4	97.0





#89

n-Butylbenzene

Concen: 33.00 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX001133.D

Acq: 25 Apr 2018 21:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 248429

Ion Ratio Lower Upper

91 100

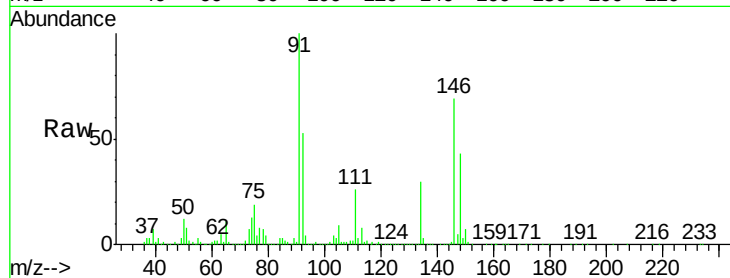
92 52.6 26.3 78.9

134 28.3 14.4 43.0

Manual Integrations
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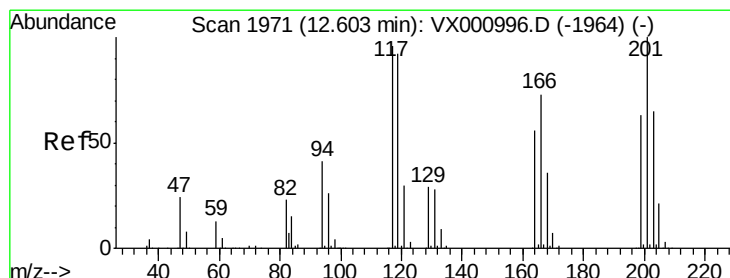
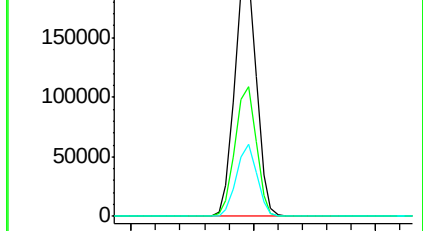
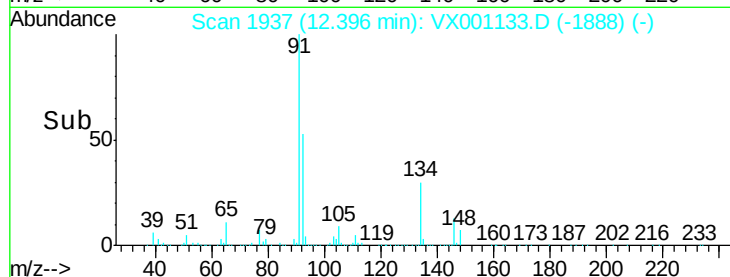


Abundance Ion 91.00 (90.70 to 91.70): VX000996.D (-1929) (-)

Ion 92.00 (91.70 to 92.70): VX000996.D (-1929) (-)

Ion 134.00 (133.70 to 134.70): VX000996.D (-1929) (-)

Time-->



#90

Hexachloroethane

Concen: 33.78 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX001133.D

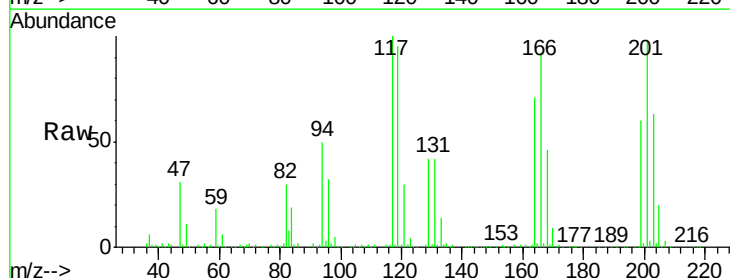
Acq: 25 Apr 2018 21:11

Tgt Ion: 117 Resp: 40497

Ion Ratio Lower Upper

117 100

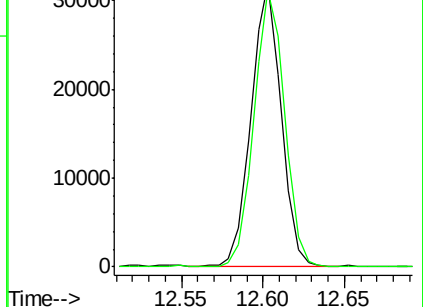
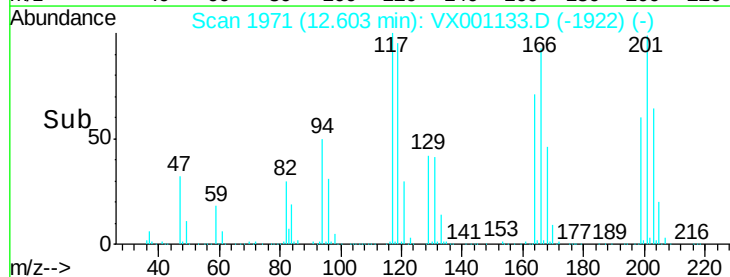
201 100.0 52.3 157.1

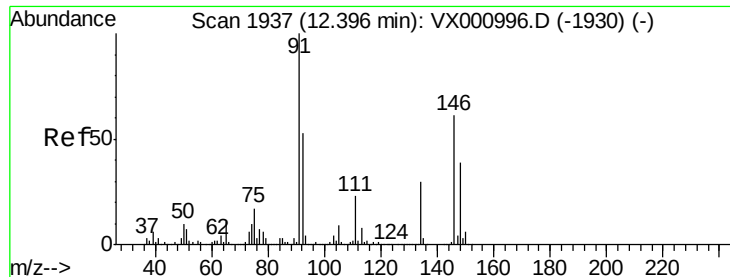


Abundance Ion 116.80 (116.50 to 117.50): VX000996.D (-1964) (-)

Ion 200.70 (200.40 to 201.40): VX000996.D (-1964) (-)

Time-->





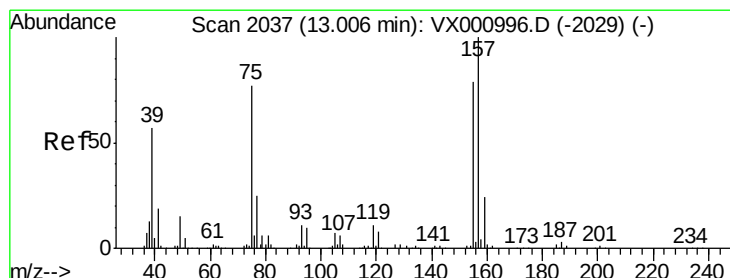
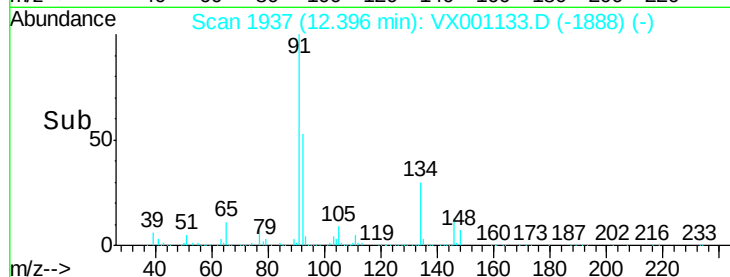
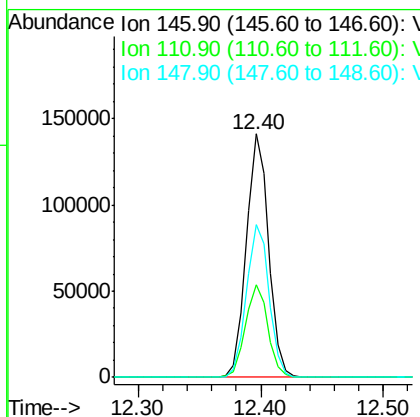
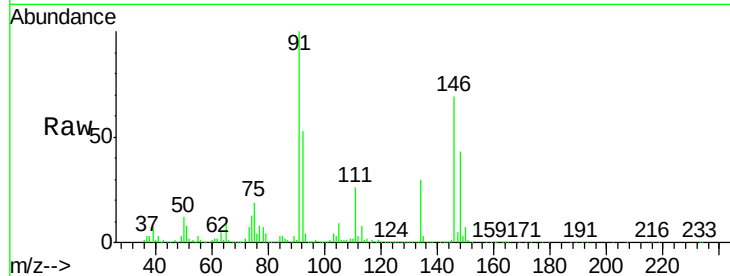
#91
 1,2-Dichlorobenzene
 Concen: 37.80 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001133.D
 Acq: 25 Apr 2018 21:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.6	56.0
148	64.2	32.3	96.8

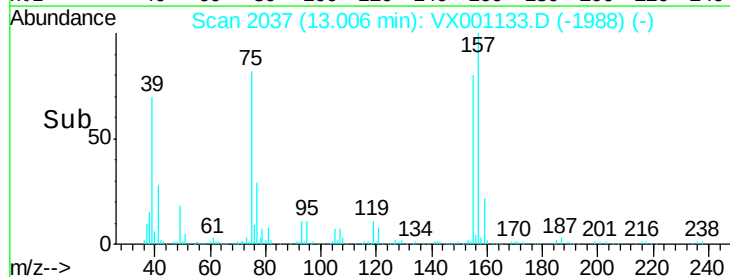
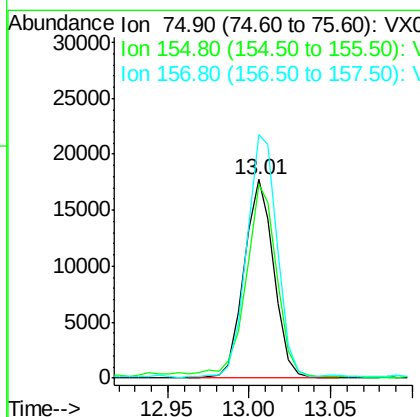
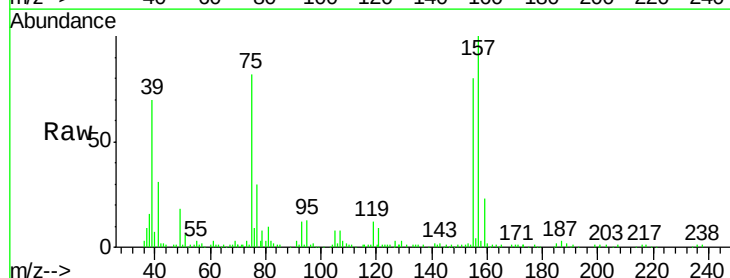
Manual Integrations
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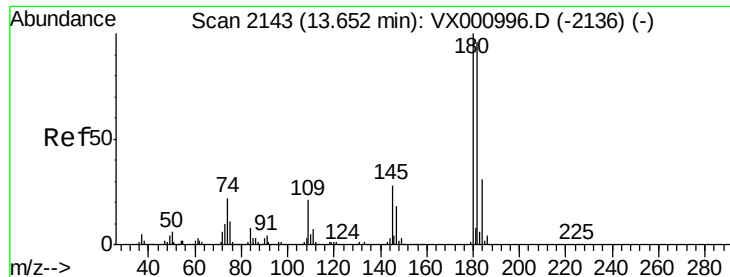
Sohil
 4/27/2018 1:48:39 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 42.11 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001133.D
 Acq: 25 Apr 2018 21:11

Tgt Ion	Ratio	Lower	Upper
75	100		
155	107.3	51.0	153.0
157	125.1	64.9	194.7





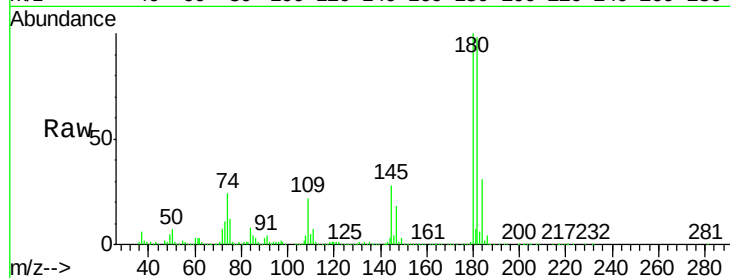
#93
 1,2,4-Trichlorobenzene
 Concen: 32.66 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001133.D
 Acq: 25 Apr 2018 21:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

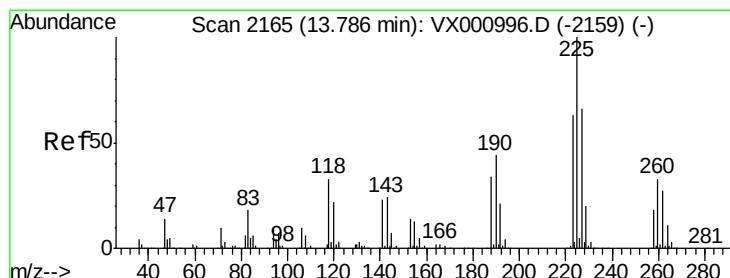
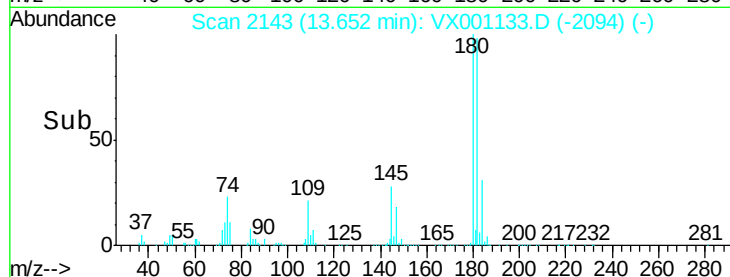
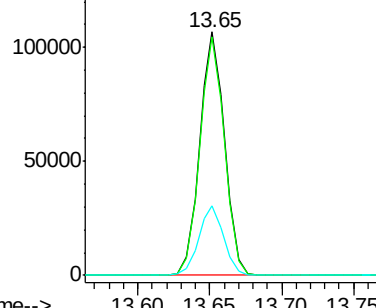
Tot Ion	Ratio	Resp	Lower	Upper
180	100	129222		
182	96.9	48.0	144.0	
145	28.2	13.9	41.7	

Manual Integrations
 APPROVED

Sohil
 4/27/2018 1:48:39 AM

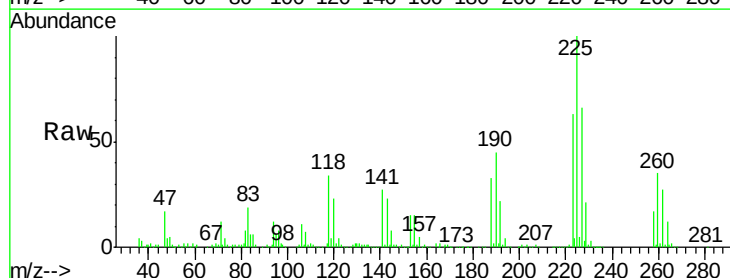


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

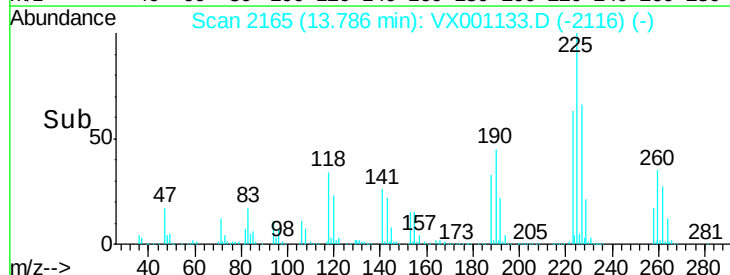
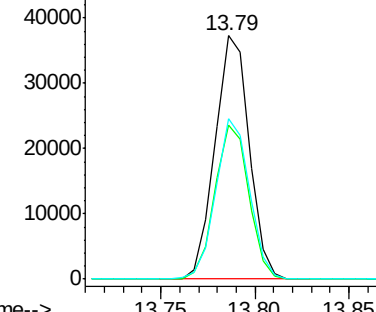


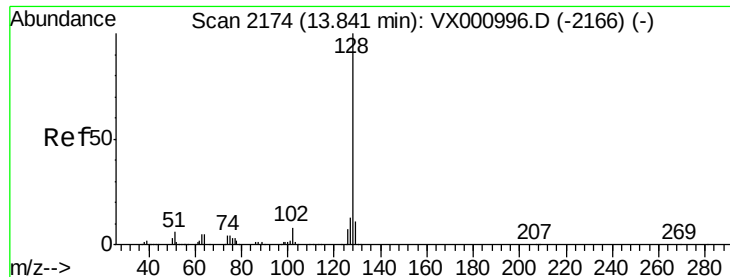
#94
 Hexachlorobutadiene
 Concen: 26.26 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001133.D
 Acq: 25 Apr 2018 21:11

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	47013		
223	62.8	31.5	94.5	
227	64.8	32.6	97.8	



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: 37.55 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001133.D

Acq: 25 Apr 2018 21:11

Instrument :

MSVOA_X

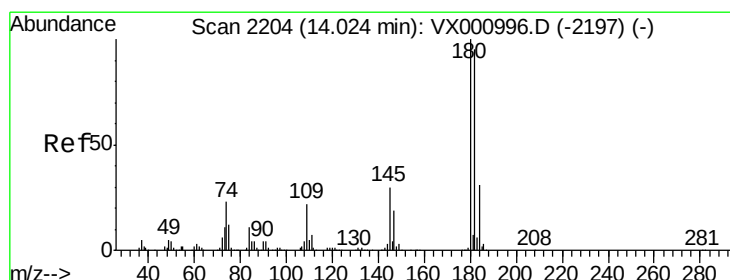
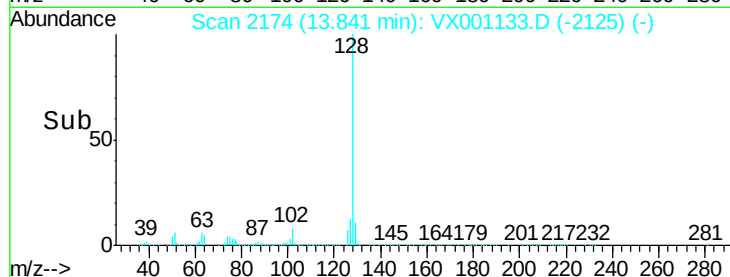
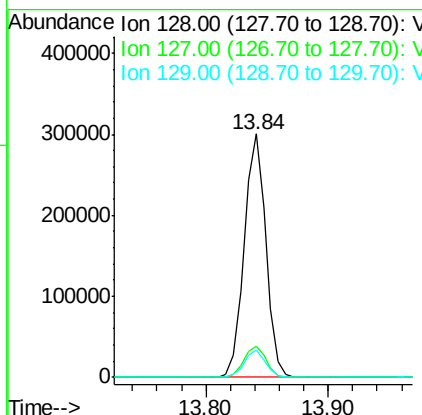
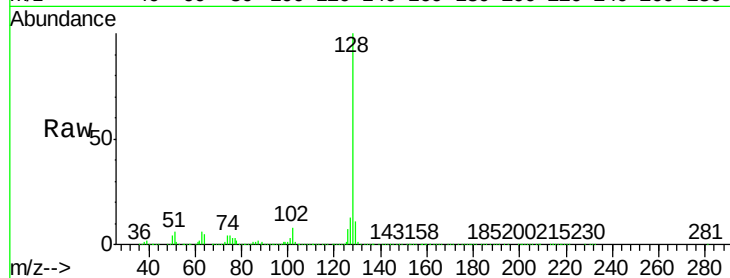
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	365450
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.2	15.4
129	10.9	8.7	13.1

Manual Integrations
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Sohil
4/27/2018 1:48:39 AM



#96

1,2,3-Trichlorobenzene

Concen: 33.44 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX001133.D

Acq: 25 Apr 2018 21:11

Tgt Ion:	180	Resp:	127991
Ion Ratio	Lower	Upper	
180	100		
182	96.4	47.9	143.7
145	29.3	14.5	43.6

