

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090419\
 Data File : VX012069.D
 Acq On : 05 Sep 2019 00:06
 Operator : SY/SP
 Sample : VX0904SBS02
 Misc : 5.00µ/5.0mL/MSVOA X/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904SBS02

Manual Integrations
 APPROVED

sam
 9/5/2019 2:56:01 PM

Quant Time: Sep 05 05:59:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 15:26:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	115807	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	222082	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	209772	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	101877	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	94897	59.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.78%	
35) Dibromofluoromethane	5.48	113	73222	53.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.22%	
50) Toluene-d8	8.71	98	269907	53.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.72%	
62) 4-Bromofluorobenzene	11.14	95	119548	51.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	19439	18.203	ug/l	99
3) Chloromethane	1.31	50	21284	19.461	ug/l	96
4) Vinyl Chloride	1.39	62	19687	19.132	ug/l	99
5) Bromomethane	1.62	94	10872	21.299	ug/l	95
6) Chloroethane	1.70	64	12765	19.955	ug/l	95
7) Trichlorofluoromethane	1.91	101	30236	18.919	ug/l	96
8) Diethyl Ether	2.17	74	12128	21.959	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.36	101	22098	18.668	ug/l #	83
10) Methyl Iodide	2.50	142	13560	16.721	ug/l	95
11) Tert butyl alcohol	3.03	59	18869	122.942	ug/l	95
12) 1,1-Dichloroethene	2.36	96	21609	18.950	ug/l	93
13) Acrolein	2.28	56	4301	88.565	ug/l	92
14) Allyl chloride	2.71	41	42643	20.666	ug/l	99
15) Acrylonitrile	3.13	53	39286	113.197	ug/l	97
16) Acetone	2.43	43	36403	95.312	ug/l	98
17) Carbon Disulfide	2.55	76	55512	16.657	ug/l	99
18) Methyl Acetate	2.76	43	26721	29.699	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	86414	23.277	ug/l	97
20) Methylene Chloride	2.84	84	31811	20.741	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	26850	20.065	ug/l	91
22) Diisopropyl ether	3.84	45	95692	22.753	ug/l	98
23) Vinyl Acetate	3.79	43	274970	101.067	ug/l	98
24) 1,1-Dichloroethane	3.69	63	53048	21.748	ug/l	99
25) 2-Butanone	4.66	43	54381	111.855	ug/l	93
26) 2,2-Dichloropropane	4.56	77	38884	17.266	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	33067	21.081	ug/l	93
28) Bromochloromethane	5.00	49	23609	24.247	ug/l #	80
29) Tetrahydrofuran	5.12	42	33752	115.226	ug/l	99
30) Chloroform	5.20	83	57099	21.816	ug/l	99
31) Cyclohexane	5.57	56	36074	18.414	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	46972	20.606	ug/l	96
36) 1,1-Dichloropropene	5.78	75	35170	17.981	ug/l	96
37) Ethyl Acetate	4.82	43	23330	21.934	ug/l	97
38) Carbon Tetrachloride	5.77	117	38794	18.822	ug/l	99

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 15:26:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	38033	16.753	ug/l	95
40) Benzene	6.13	78	111885	19.925	ug/l	97
41) Methacrylonitrile	5.02	41	14093	22.218	ug/l	97
42) 1,2-Dichloroethane	6.18	62	44425	21.985	ug/l	98
43) Isopropyl Acetate	6.43	43	47941	22.167	ug/l	98
44) Trichloroethene	7.20	130	29779	19.662	ug/l	95
45) 1,2-Dichloropropane	7.51	63	30151	20.783	ug/l	96
46) Dibromomethane	7.65	93	18074	21.341	ug/l #	72
47) Bromodichloromethane	7.89	83	45730	21.243	ug/l	99
48) Methyl methacrylate	7.76	41	23719	21.812	ug/l	97
49) 1,4-Dioxane	7.73	88	6820	460.058	ug/l	95
51) 4-Methyl-2-Pentanone	8.64	43	123275	112.063	ug/l	99
52) Toluene	8.78	92	72776	19.919	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	44169	19.818	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	48970	19.759	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	26210	21.647	ug/l	97
56) Ethyl methacrylate	9.17	69	36529	21.062	ug/l	94
57) 1,3-Dichloropropane	9.37	76	44351	21.227	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	90731	116.040	ug/l	94
59) 2-Hexanone	9.48	43	87309	108.771	ug/l	98
60) Dibromochloromethane	9.57	129	30452	21.103	ug/l	97
61) 1,2-Dibromoethane	9.67	107	24930	21.308	ug/l	98
64) Tetrachloroethene	9.33	164	27677	21.163	ug/l #	85
65) Chlorobenzene	10.14	112	80775	19.516	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	30958	20.456	ug/l	98
67) Ethyl Benzene	10.25	91	144300	19.127	ug/l	96
68) m/p-Xylenes	10.35	106	105496	37.952	ug/l	91
69) o-Xylene	10.70	106	52334	19.416	ug/l	90
70) Styrene	10.71	104	93049	19.875	ug/l	95
71) Bromoform	10.85	173	17245	20.746	ug/l #	97
73) Isopropylbenzene	11.01	105	139041	18.601	ug/l	96
74) N-amyl acetate	10.89	43	44155	19.979	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	32384	20.781	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	25210m	20.253	ug/l	
77) Bromobenzene	11.25	156	33250	19.889	ug/l #	68
78) n-propylbenzene	11.35	91	163933	18.153	ug/l	95
79) 2-Chlorotoluene	11.42	91	104516	19.104	ug/l	91
80) 1,3,5-Trimethylbenzene	11.50	105	122837	18.752	ug/l	93
81) trans-1,4-Dichloro-2-buten	11.07	75	9052	17.192	ug/l	91
82) 4-Chlorotoluene	11.51	91	123665	18.965	ug/l	92
83) tert-Butylbenzene	11.77	119	115456	18.492	ug/l	87
84) 1,2,4-Trimethylbenzene	11.81	105	126281	18.757	ug/l	95
85) sec-Butylbenzene	11.94	105	139510	17.990	ug/l	93
86) p-Isopropyltoluene	12.06	119	126655	17.959	ug/l	93
87) 1,3-Dichlorobenzene	12.02	146	63966	19.095	ug/l	94
88) 1,4-Dichlorobenzene	12.09	146	64377	19.220	ug/l	91
89) n-Butylbenzene	12.38	91	121188	17.689	ug/l	95
90) Hexachloroethane	12.59	117	25085	17.814	ug/l	55
91) 1,2-Dichlorobenzene	12.38	146	61690	20.448	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	12.99	75	6750	20.700	ug/l	62

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MSVOA_X
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Quant Title : SW846 8260
QLast Update : Tue Sep 03 15:26:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	39467	18.379	ug/l	96
94) Hexachlorobutadiene	13.78	225	19589	18.097	ug/l	96
95) Naphthalene	13.83	128	92320	19.864	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	36206	19.165	ug/l	95

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

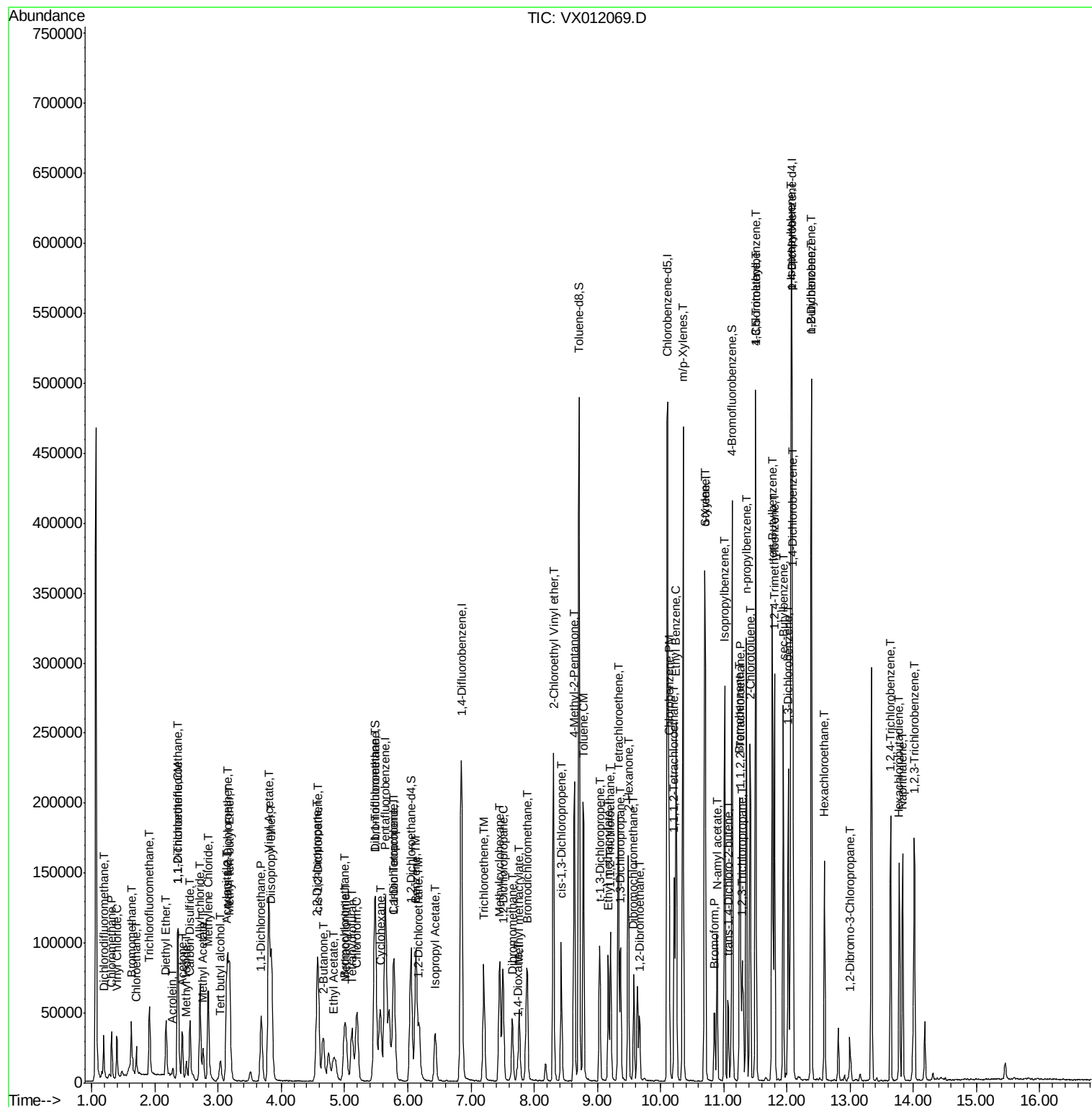
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX090419\
Data File : VX012069.D
Acq On : 05 Sep 2019 00:06
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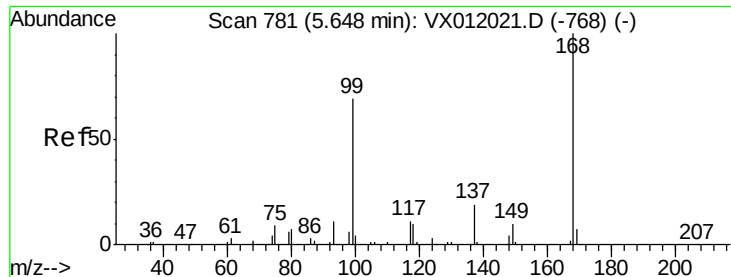
Instrument :
MSVOA_X
ClientSampleId :
VX0904SBS02

Manual Integrations
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Quant Title : SW846 8260
QLast Update : Tue Sep 03 15:26:48 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012069.D

Acq: 05 Sep 2019 00:06

Instrument :

MSVOA_X

ClientSampleId :

VX0904SBS02

Tot Ion:168 Resp: 115807

Ion Ratio Lower Upper

168 100

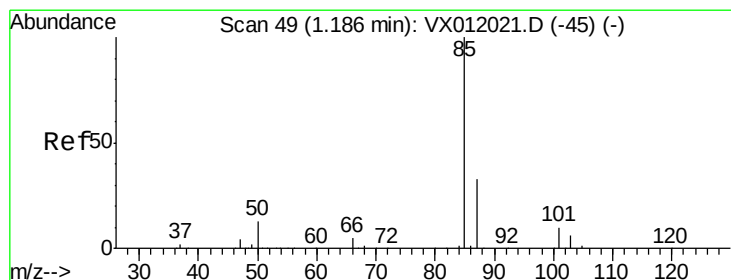
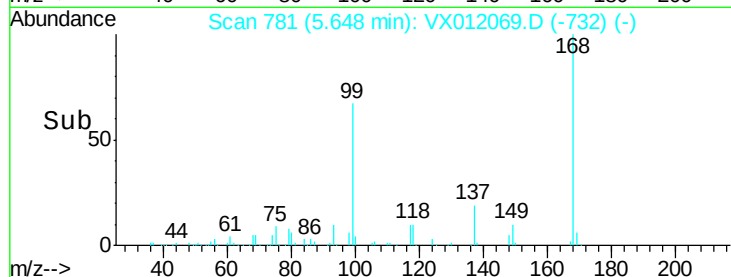
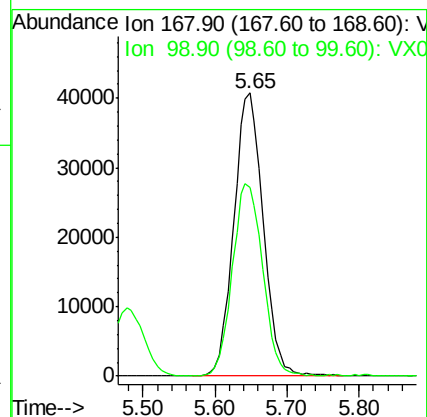
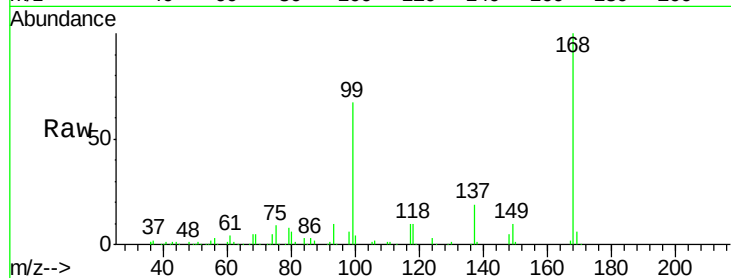
99 66.6 37.6 56.4#

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 18.203 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX012069.D

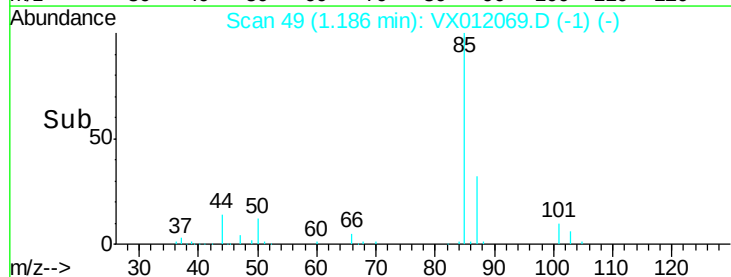
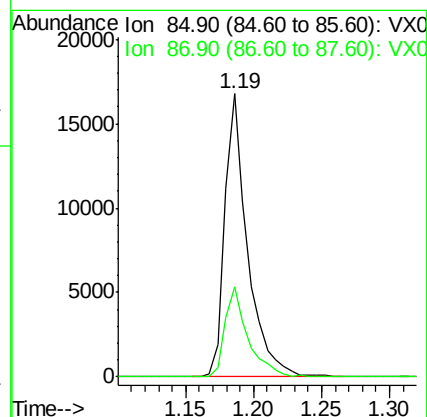
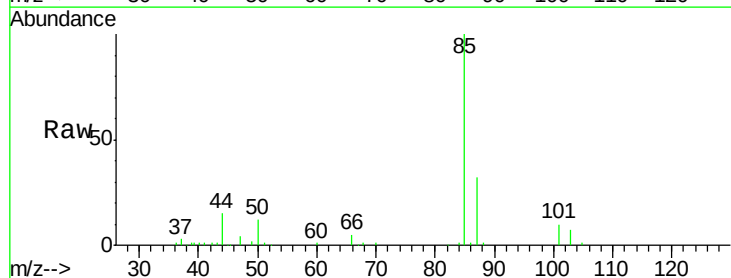
Acq: 05 Sep 2019 00:06

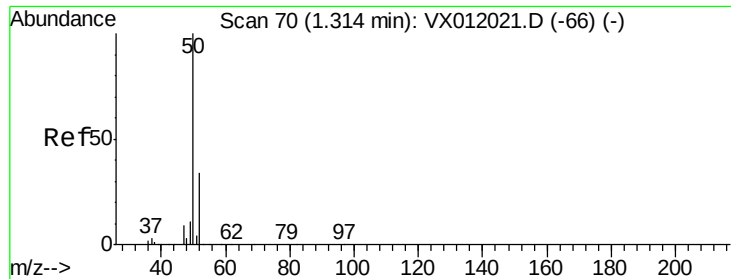
Tgt Ion: 85 Resp: 19439

Ion Ratio Lower Upper

85 100

87 31.8 15.6 46.8





#3

Chloromethane

Concen: 19.461 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX012069.D

Acq: 05 Sep 2019 00:06

Instrument :

MSVOA_X

ClientSampleId :

VX0904SBS02

Tot Ion: 50 Resp: 21284

Ion Ratio Lower Upper

50 100

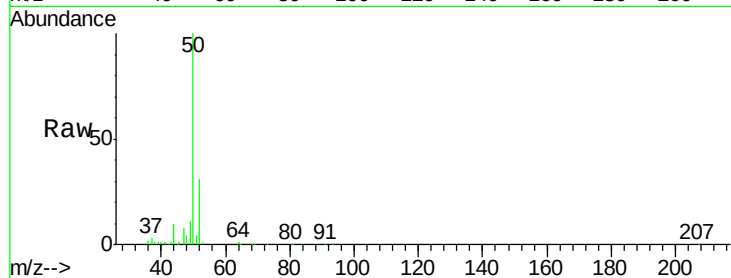
52 31.1 26.5 39.7

Manual Integrations

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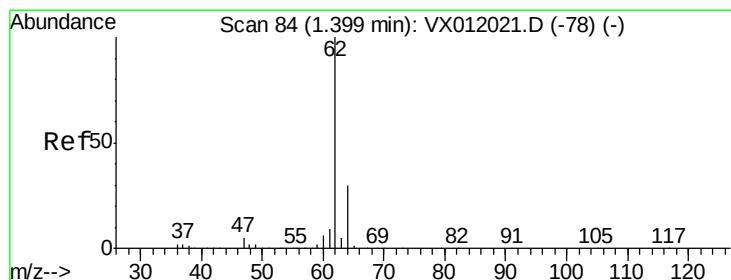
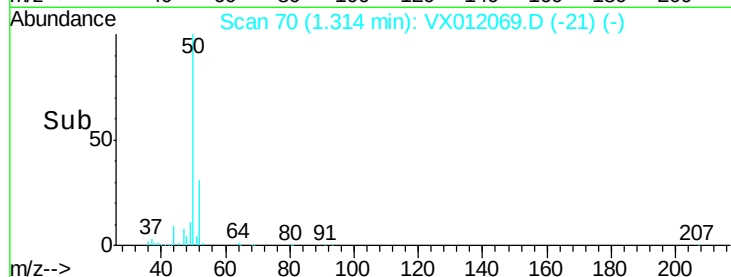
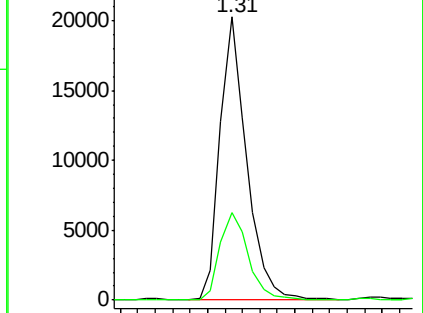
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.132 ug/l

RT: 1.39 min Scan# 83

Delta R.T. -0.00 min

Lab File: VX012069.D

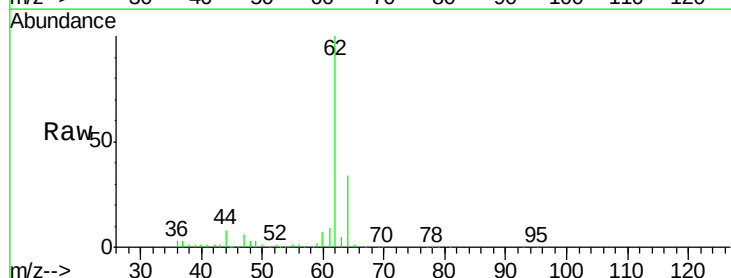
Acq: 05 Sep 2019 00:06

Tgt Ion: 62 Resp: 19687

Ion Ratio Lower Upper

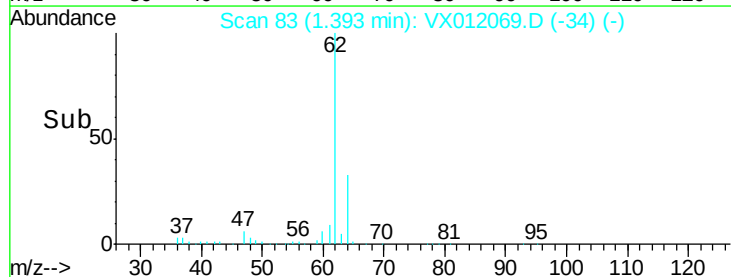
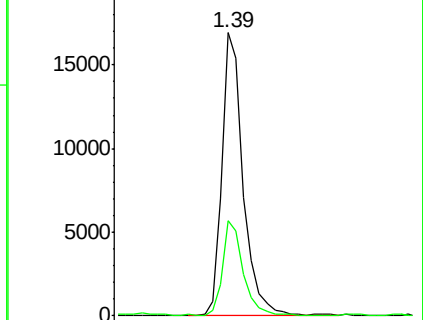
62 100

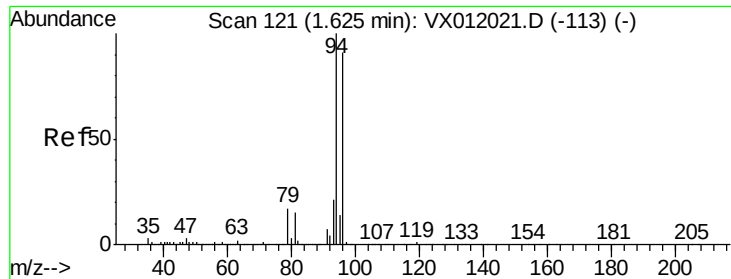
64 33.6 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 21.299 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX012069.D

Acq: 05 Sep 2019 00:06

Instrument :

MSVOA_X

ClientSampleId :

VX0904SBS02

Tot Ion: 94 Resp: 10872

Ion Ratio Lower Upper

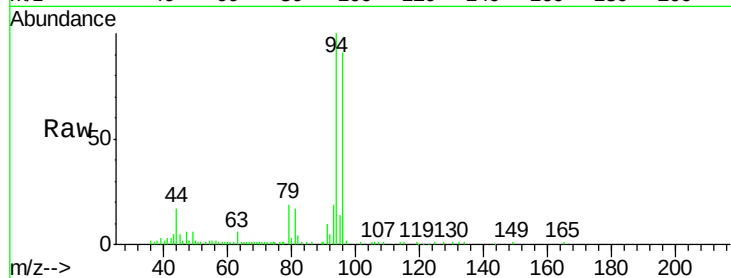
94 100

96 90.4 76.3 114.5

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

12000

10000

8000

6000

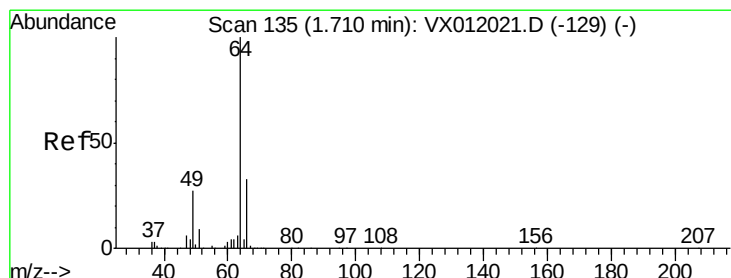
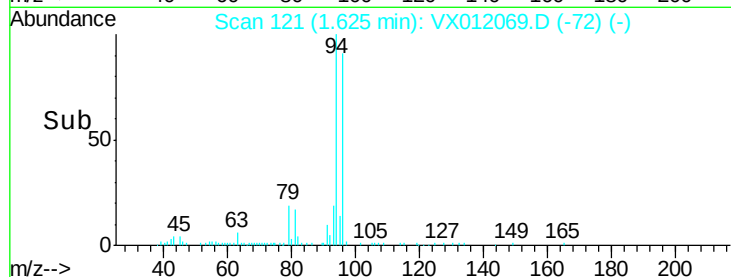
4000

2000

0

1.55 1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 19.955 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX012069.D

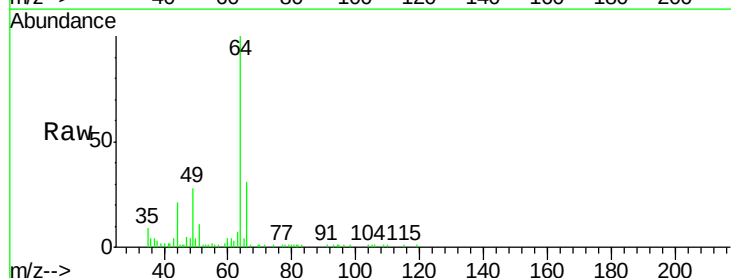
Acq: 05 Sep 2019 00:06

Tgt Ion: 64 Resp: 12765

Ion Ratio Lower Upper

64 100

66 30.3 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

10000

8000

6000

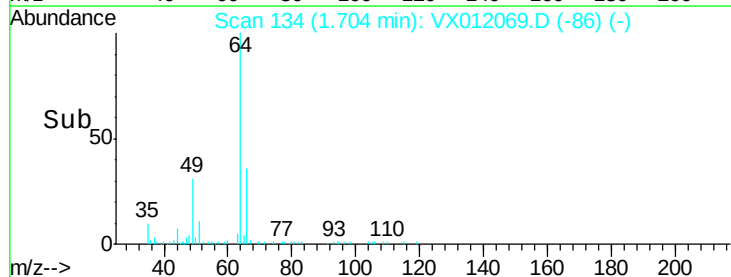
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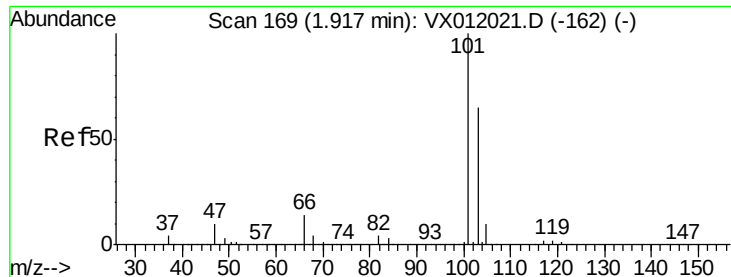
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0

1.60 1.70 1.80

Time-->





#7

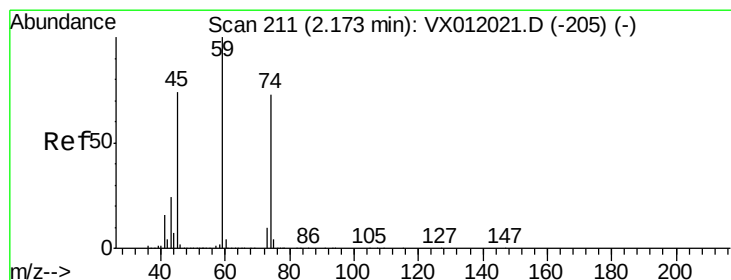
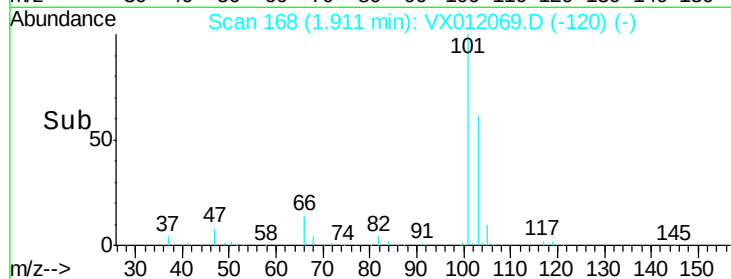
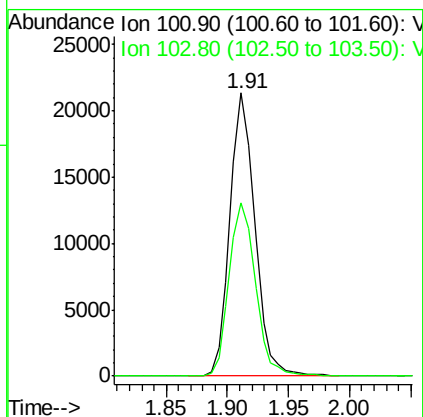
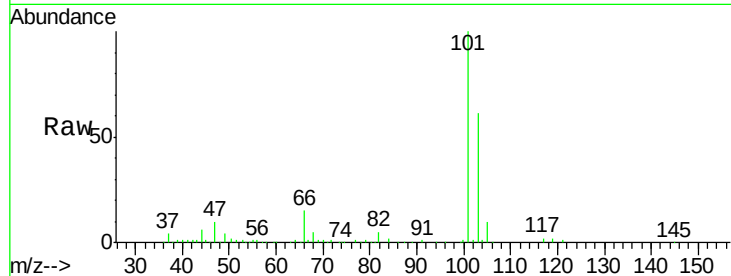
Trichlorofluoromethane
 Concen: 18.919 ug/l
 RT: 1.91 min Scan# 168
 Delta R.T. -0.01 min
 Lab File: VX012069.D
 Acq: 05 Sep 2019 00:06

Instrument :
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 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	61.1	51.6	77.4

Manual Integrations
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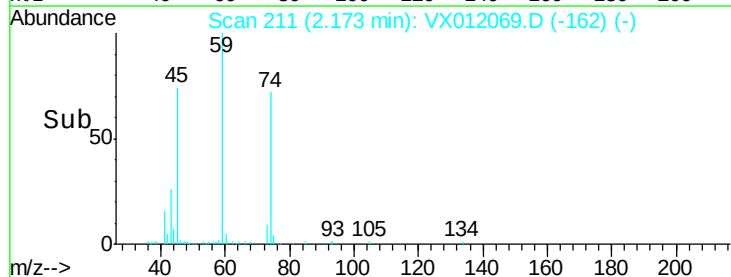
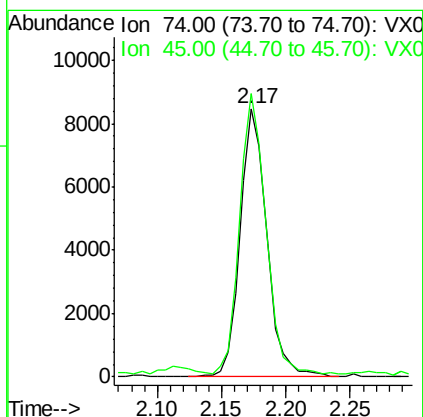
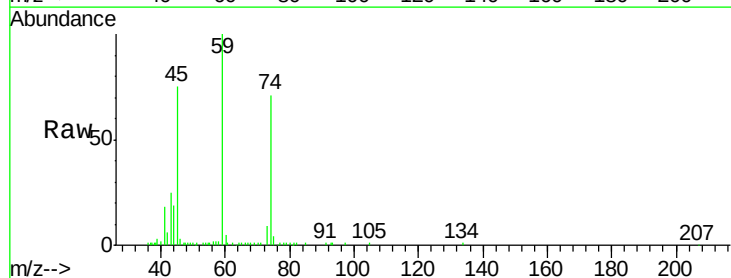
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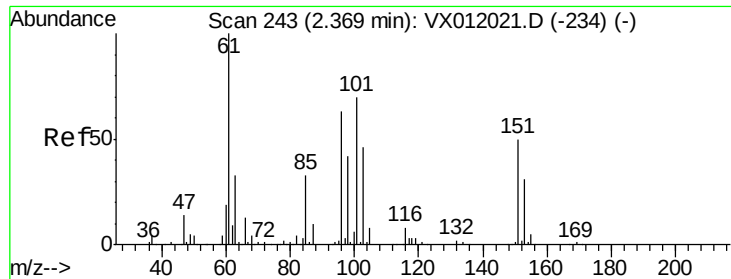


#8

Diethyl Ether
 Concen: 21.959 ug/l
 RT: 2.17 min Scan# 211
 Delta R.T. -0.00 min
 Lab File: VX012069.D
 Acq: 05 Sep 2019 00:06

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.9	45.9	137.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.668 ug/l

RT: 2.36 min Scan# 242

Delta R.T. -0.01 min

Lab File: VX012069.D

Acq: 05 Sep 2019 00:06

Instrument :

MSVOA_X

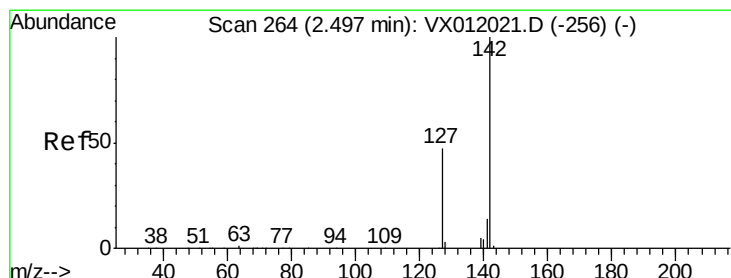
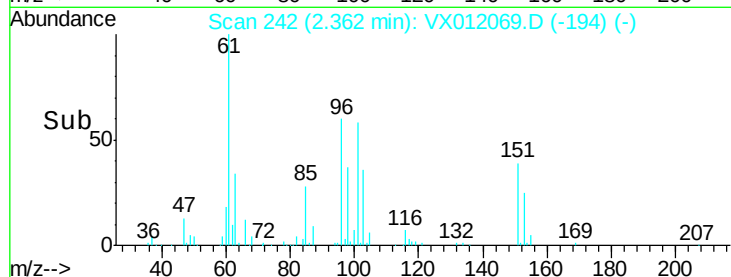
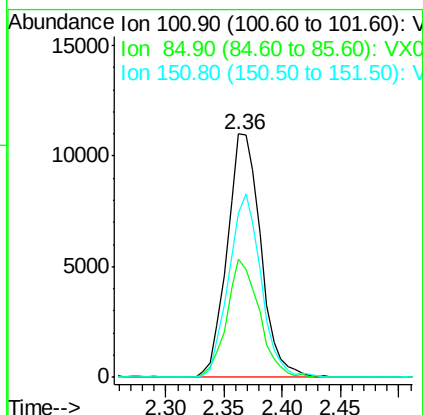
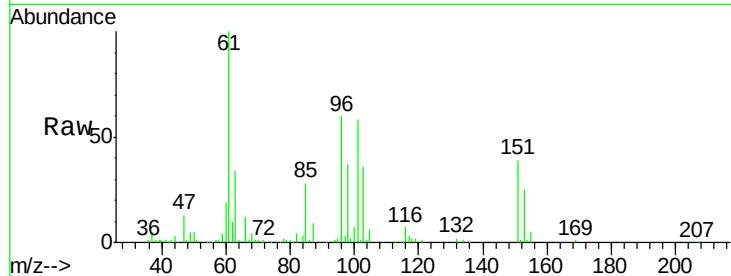
ClientSampleId :

VX0904SBS02

Tot Ion	Ratio	Resp	Lower	Upper
101	100	22098		
85	46.8		34.5	51.7
151	72.5		75.0	112.4#

Manual Integrations
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sam
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#10

Methyl Iodide

Concen: 16.721 ug/l

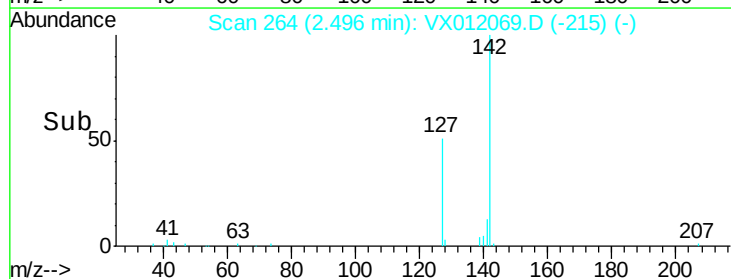
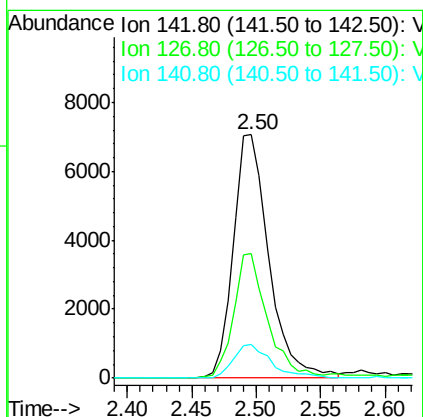
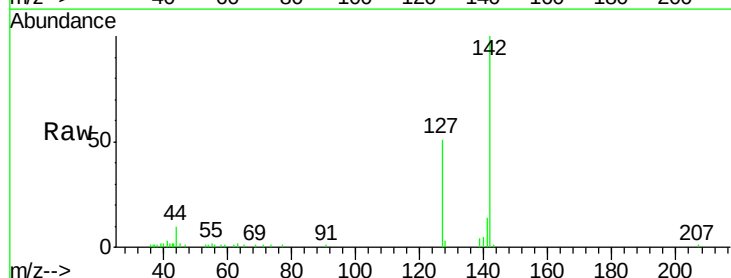
RT: 2.50 min Scan# 264

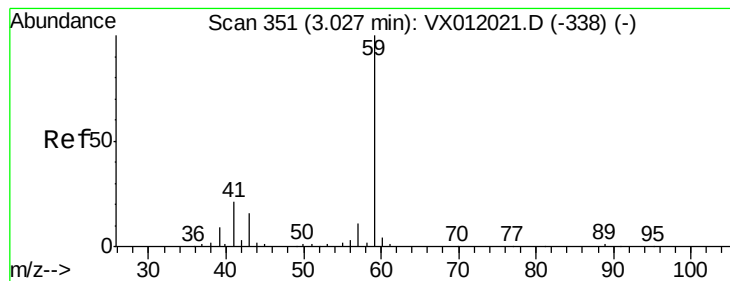
Delta R.T. 0.00 min

Lab File: VX012069.D

Acq: 05 Sep 2019 00:06

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	13560		
127	48.7		35.4	53.2
141	14.8		11.4	17.2





#11

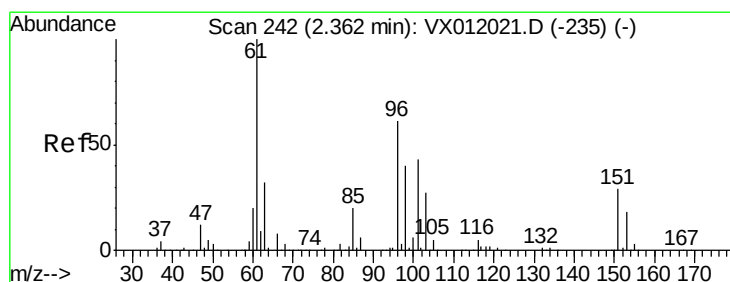
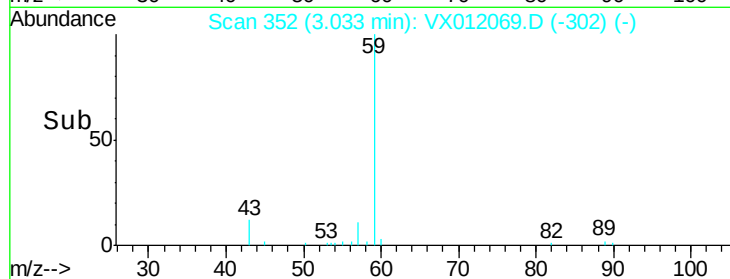
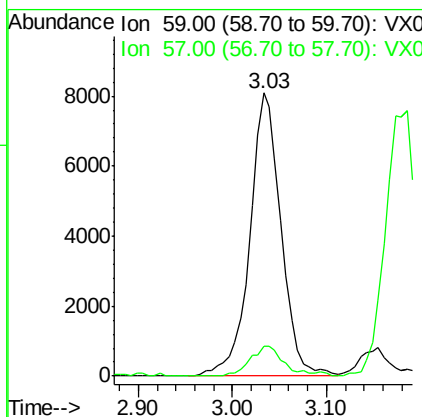
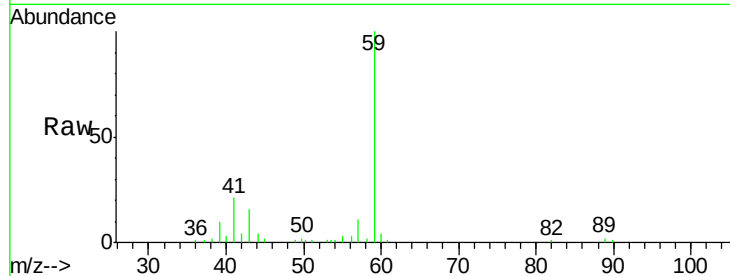
Tert butyl alcohol
Concen: 122.942 ug/l
RT: 3.03 min Scan# 352
Delta R.T. 0.01 min
Lab File: VX012069.D
Acq: 05 Sep 2019 00:06

Instrument :
MSVOA_X
ClientSampleId :
VX0904SBS02

Tot Ion	59	Resp	18869
Ion Ratio	100	Lower	Upper
57	11.6	7.9	11.9

Manual Integrations
APPROVED

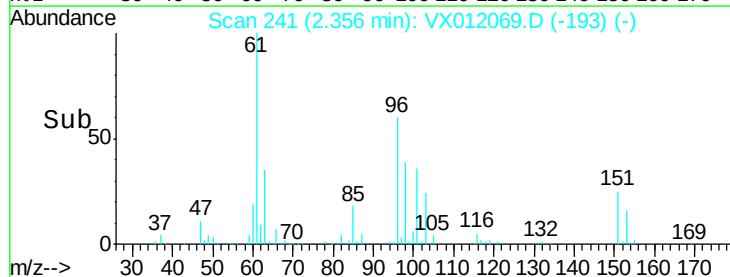
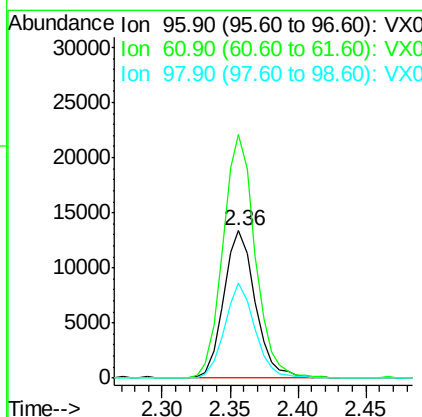
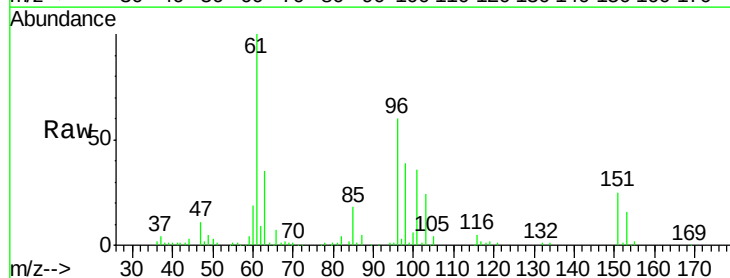
sam
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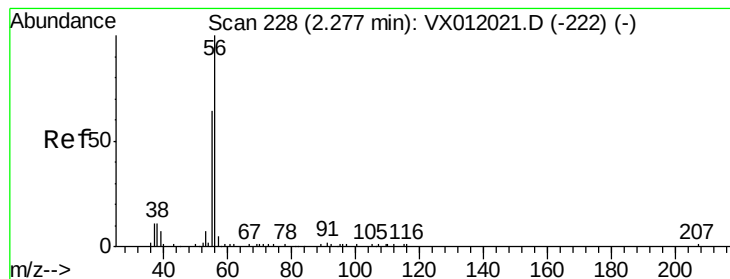


#12

1,1-Dichloroethene
Concen: 18.950 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.01 min
Lab File: VX012069.D
Acq: 05 Sep 2019 00:06

Tgt Ion	96	Resp	21609
Ion Ratio	100	Lower	Upper
61	165.5	124.1	186.1
98	65.0	50.2	75.2





#13

Acrolein

Concen: 88.565 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.01 min

Lab File: VX012069.D

Acq: 05 Sep 2019 00:06

Tot Ion: 56 Resp: 4301

Ion Ratio Lower Upper

56 100

55 80.8 59.2 88.8

Instrument :

MSVOA_X

ClientSampleId :

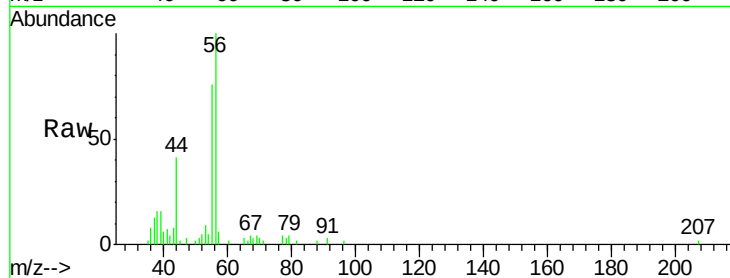
VX0904SBS02

Manual Integrations

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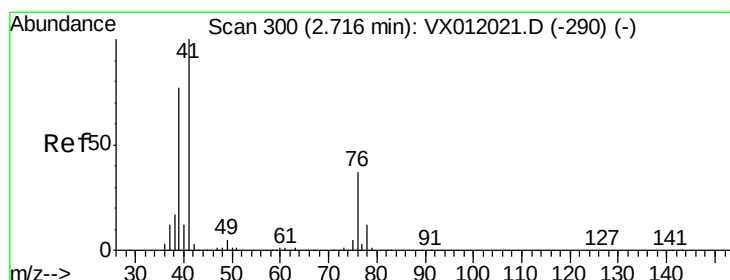
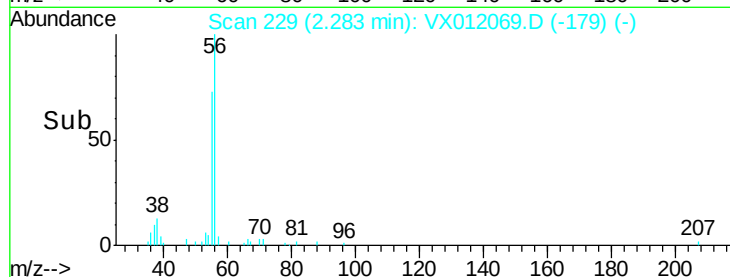
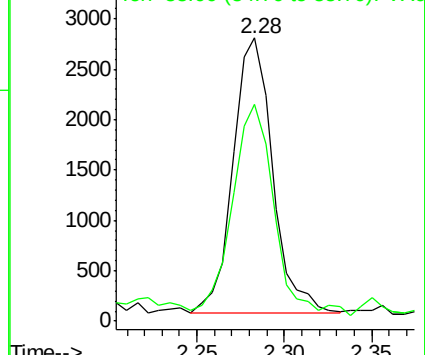
sam

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 20.666 ug/l

RT: 2.71 min Scan# 299

Delta R.T. -0.01 min

Lab File: VX012069.D

Acq: 05 Sep 2019 00:06

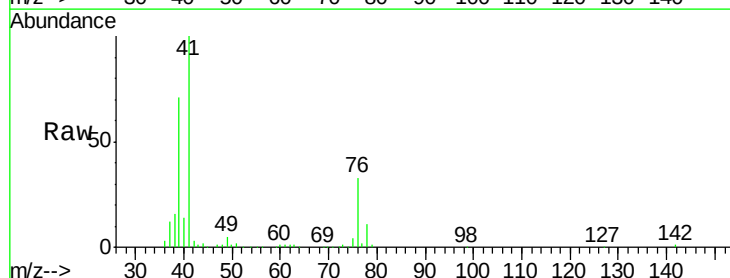
Tgt Ion: 41 Resp: 42643

Ion Ratio Lower Upper

41 100

39 71.9 57.9 86.9

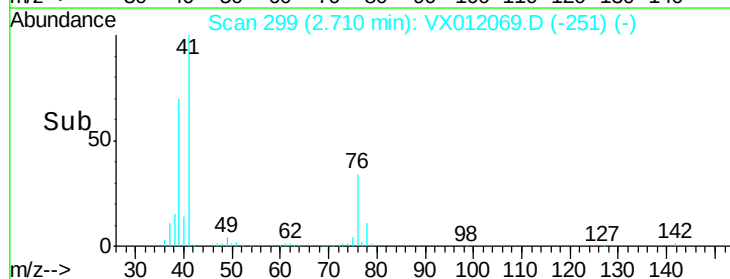
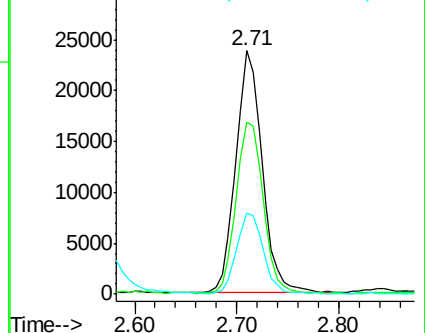
76 34.1 28.5 42.7

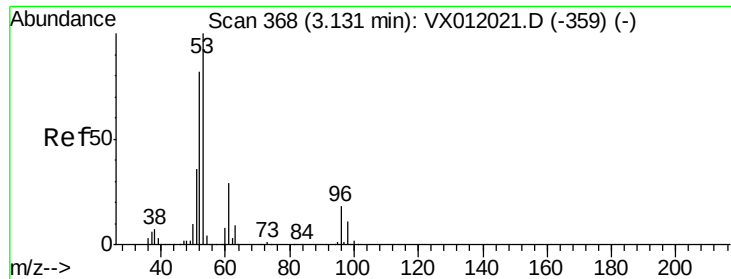


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 113.197 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.01 min

Lab File: VX012069.D

Acq: 05 Sep 2019 00:06

Instrument :

MSVOA_X

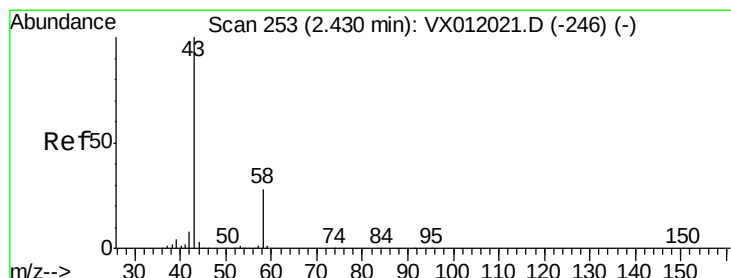
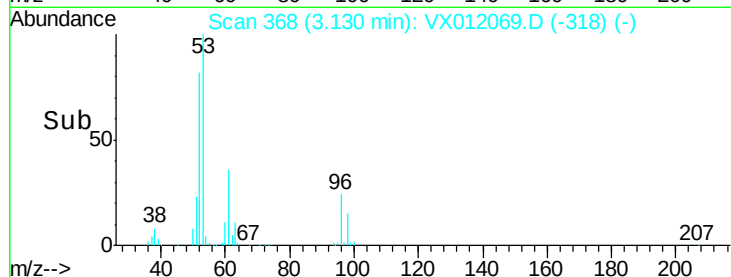
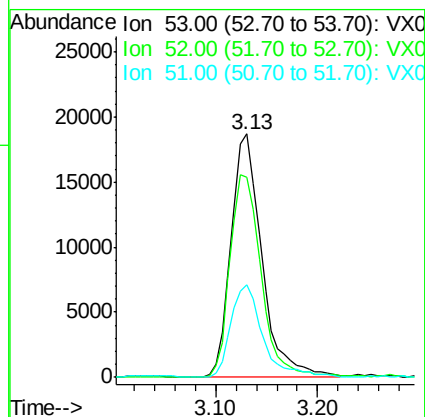
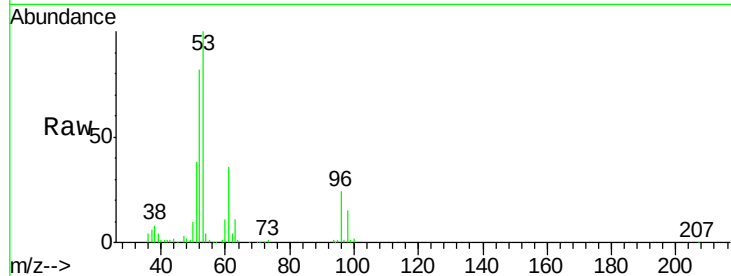
ClientSampleId :

VX0904SBS02

Tot Ion	53	Resp	39286
Ion	Ratio	Lower	Upper
53	100		
52	84.6	65.6	98.4
51	39.3	29.8	44.6

Manual Integrations
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#16

Acetone

Concen: 95.312 ug/l

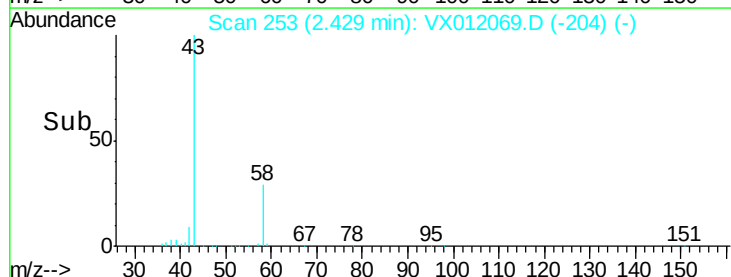
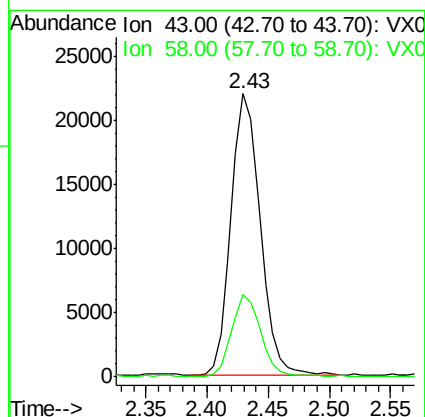
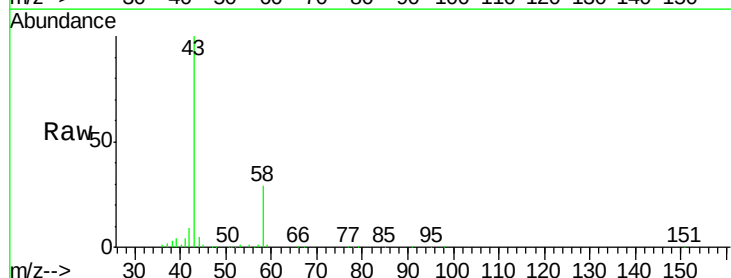
RT: 2.43 min Scan# 253

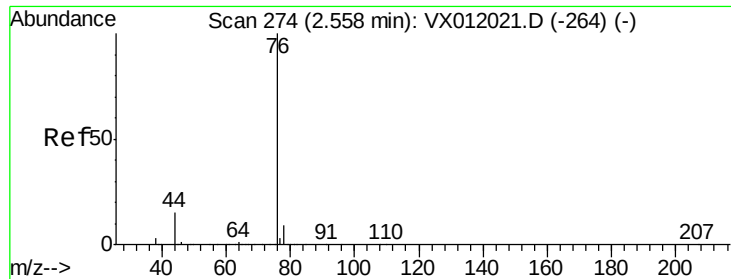
Delta R.T. -0.00 min

Lab File: VX012069.D

Acq: 05 Sep 2019 00:06

Tgt Ion	43	Resp	36403
Ion	Ratio	Lower	Upper
43	100		
58	29.3	22.8	34.2





#17

Carbon Disulfide

Concen: 16.657 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.01 min

Lab File: VX012069.D

Acq: 05 Sep 2019 00:06

Instrument :

MSVOA_X

ClientSampleId :

VX0904SBS02

Tot Ion: 76 Resp: 55512

Ion Ratio Lower Upper

76 100

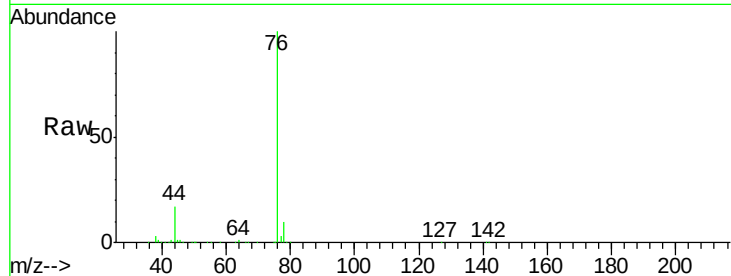
78 9.5 7.4 11.2

Manual Integrations

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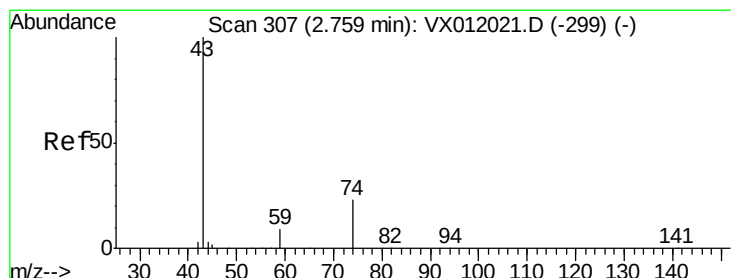
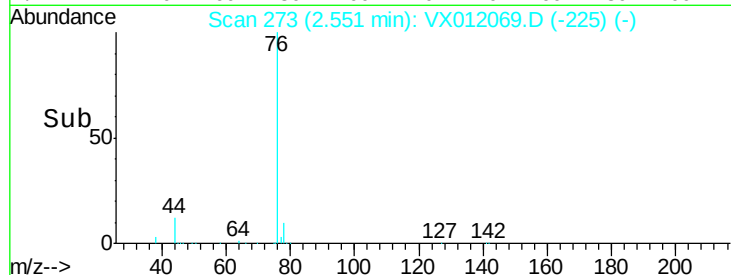
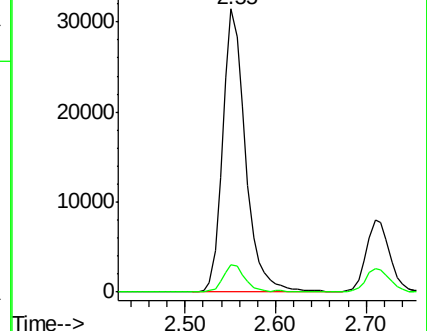
sam

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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: 29.699 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.00 min

Lab File: VX012069.D

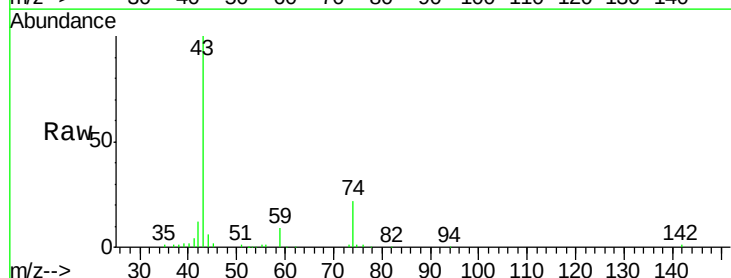
Acq: 05 Sep 2019 00:06

Tgt Ion: 43 Resp: 26721

Ion Ratio Lower Upper

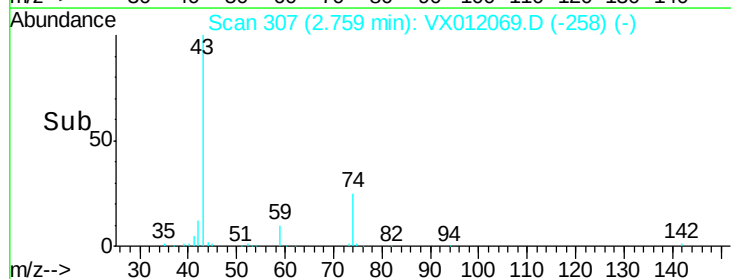
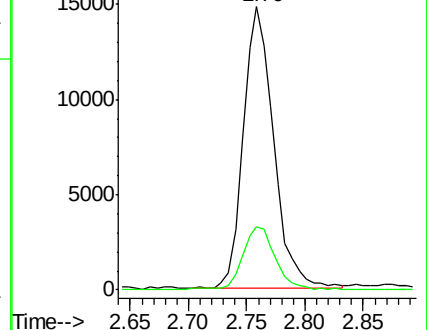
43 100

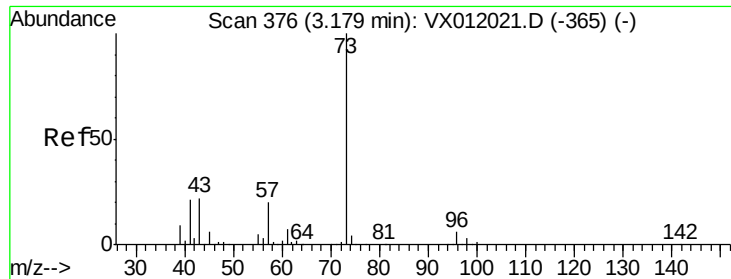
74 24.3 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





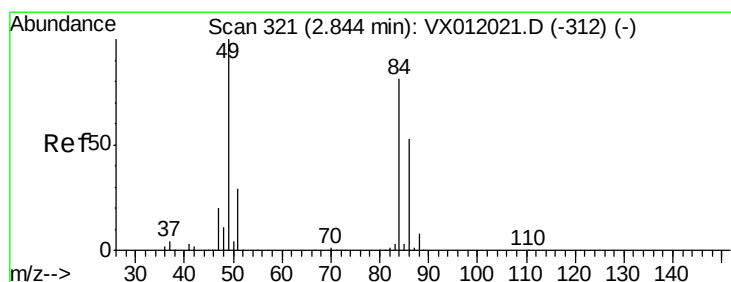
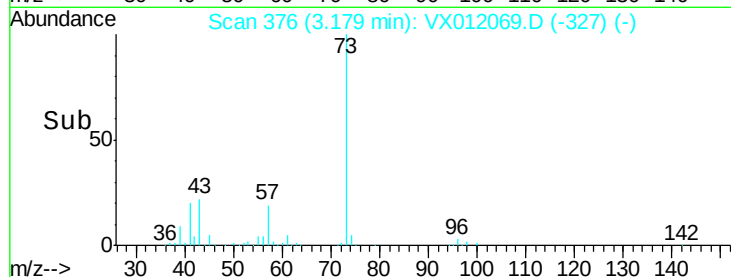
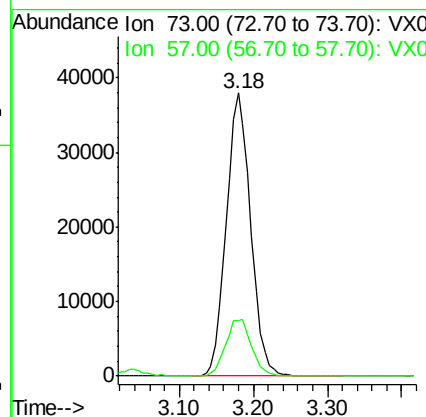
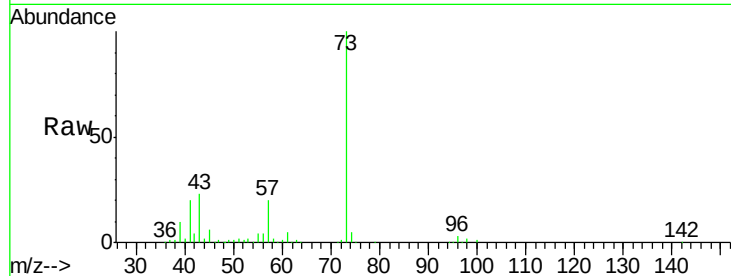
#19
Methyl tert-butyl Ether
Concen: 23.277 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX012069.D
Acq: 05 Sep 2019 00:06

Instrument :
MSVOA_X
ClientSampleId :
VX0904SBS02

Tot Ion: 73 Resp: 86414
Ion Ratio Lower Upper
73 100
57 19.5 16.6 25.0

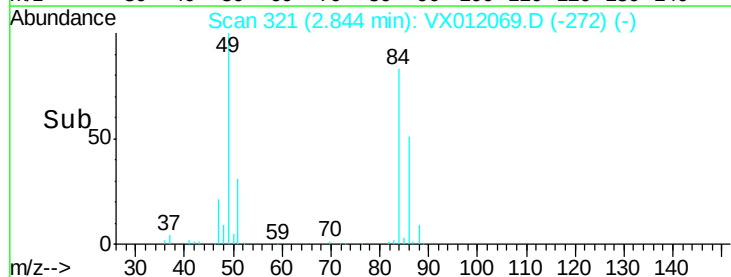
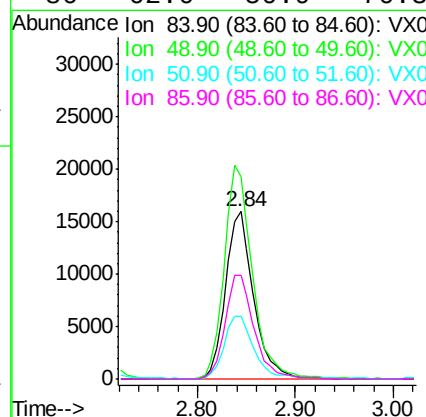
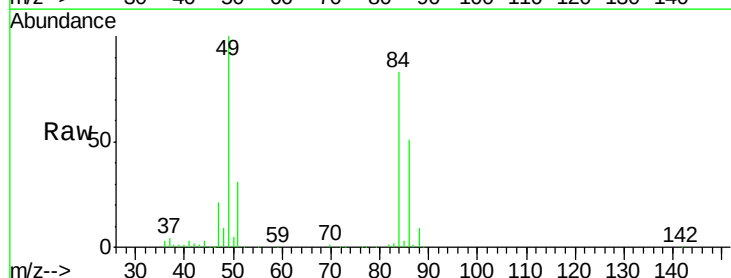
Manual Integrations
APPROVED

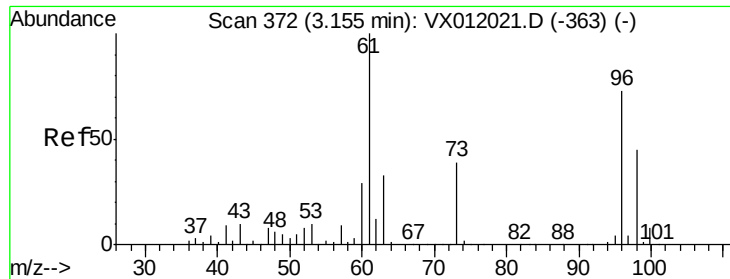
sam
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#20
Methylene Chloride
Concen: 20.741 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX012069.D
Acq: 05 Sep 2019 00:06

Tgt Ion: 84 Resp: 31811
Ion Ratio Lower Upper
84 100
49 121.0 95.8 143.8
51 37.5 28.6 43.0
86 62.0 50.9 76.3





#21

trans-1,2-Dichloroethene

Concen: 20.065 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.00 min

Lab File: VX012069.D

Acq: 05 Sep 2019 00:06

Instrument :

MSVOA_X

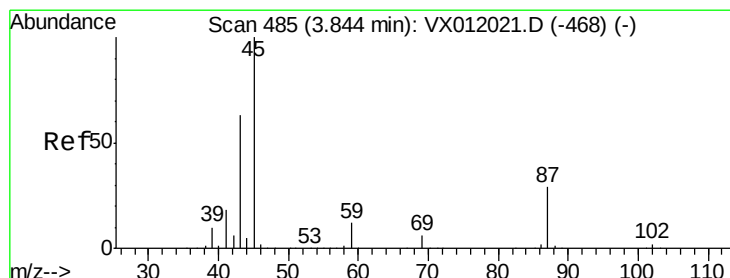
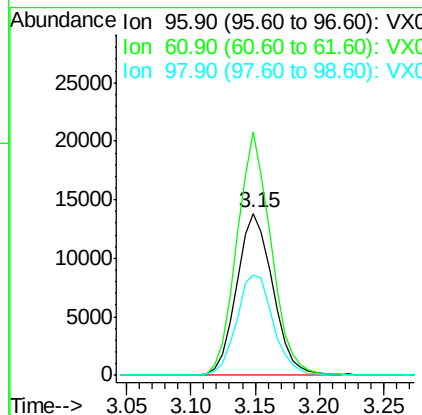
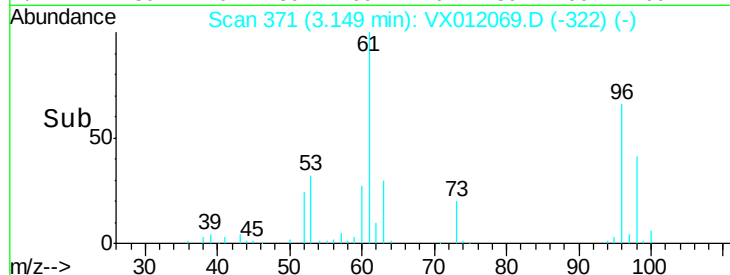
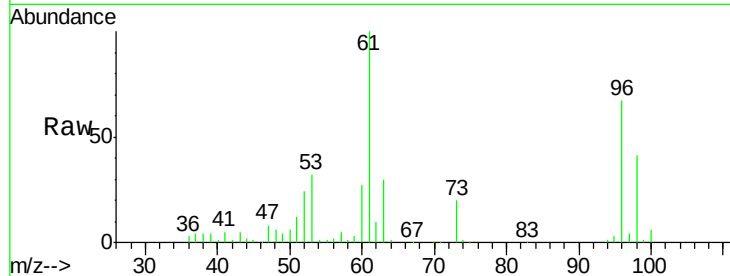
ClientSampleId :

VX0904SBS02

Tot Ion:	96	Resp:	26850
Ion	Ratio	Lower	Upper
96	100		
61	150.0	107.0	160.6
98	61.9	49.8	74.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 22.753 ug/l

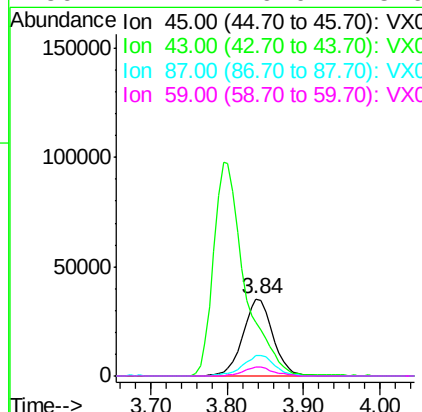
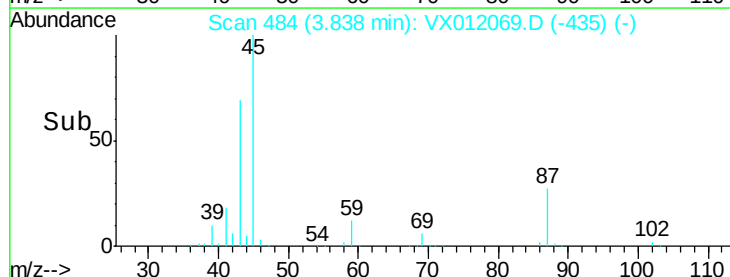
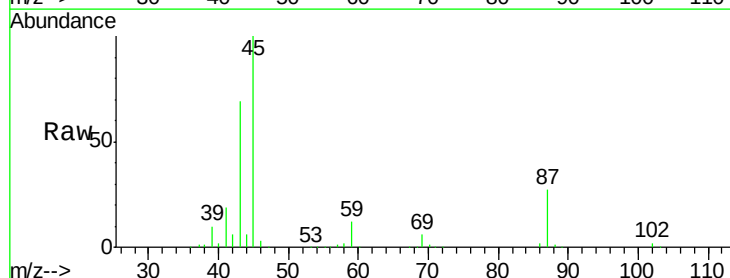
RT: 3.84 min Scan# 484

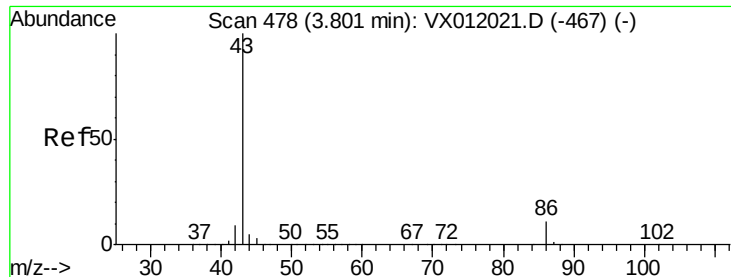
Delta R.T. -0.00 min

Lab File: VX012069.D

Acq: 05 Sep 2019 00:06

Tgt Ion:	45	Resp:	95692
Ion	Ratio	Lower	Upper
45	100		
43	68.7	54.2	81.4
87	26.8	23.4	35.0
59	11.7	9.0	13.6





#23

Vinyl Acetate

Concen: 101.067 ug/l

RT: 3.79 min Scan# 477

Delta R.T. -0.01 min

Lab File: VX012069.D

Acq: 05 Sep 2019 00:06

Instrument :

MSVOA_X

ClientSampleId :

VX0904SBS02

Tot Ion: 43 Resp: 274970

Ion Ratio Lower Upper

43 100

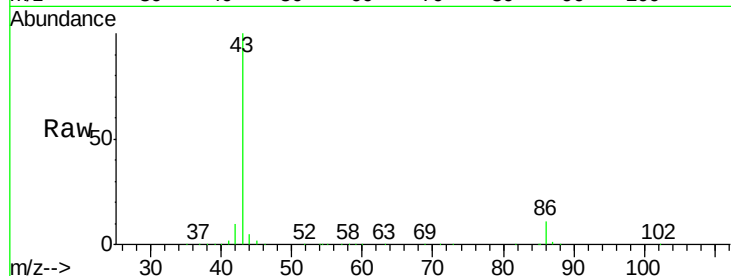
86 10.6 9.0 13.6

Manual Integrations

APPROVED

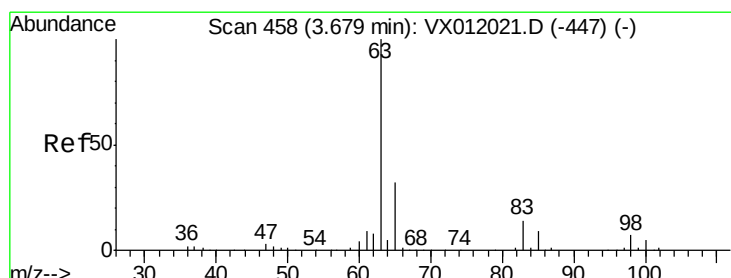
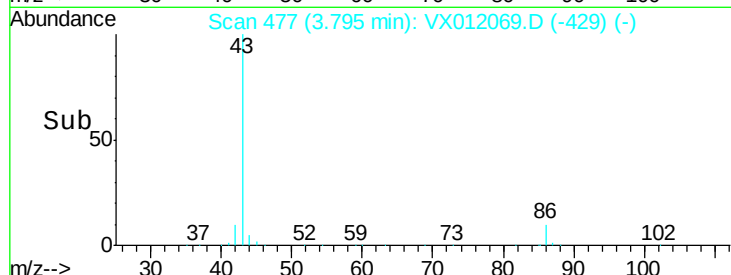
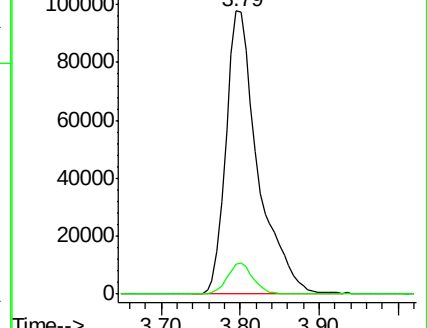
sam

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 21.748 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.01 min

Lab File: VX012069.D

Acq: 05 Sep 2019 00:06

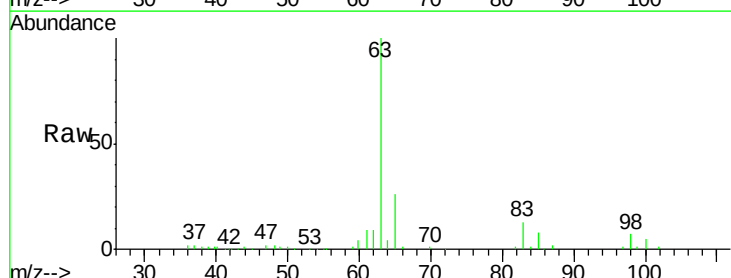
Tgt Ion: 63 Resp: 53048

Ion Ratio Lower Upper

63 100

98 7.1 3.9 11.7

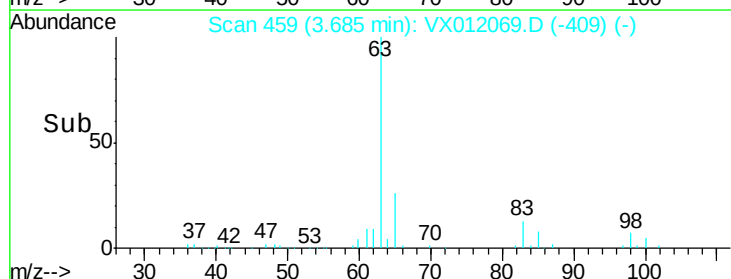
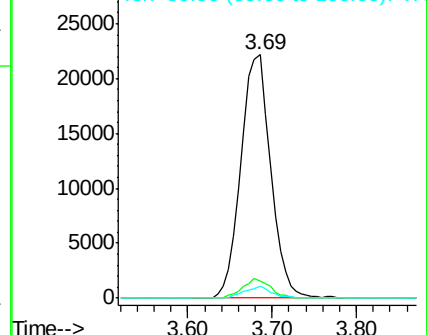
100 4.9 2.5 7.4

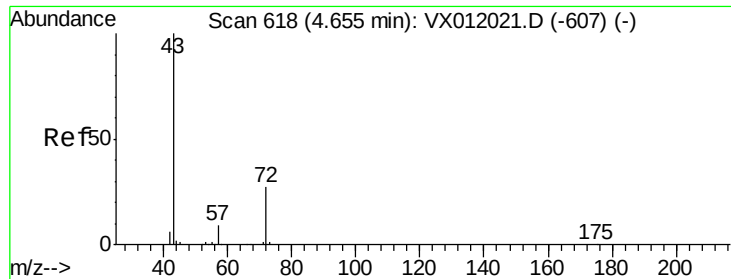


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 111.855 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX012069.D

Acq: 05 Sep 2019 00:06

Instrument :

MSVOA_X

ClientSampleId :

VX0904SBS02

Tot Ion: 43 Resp: 54381

Ion Ratio Lower Upper

43 100

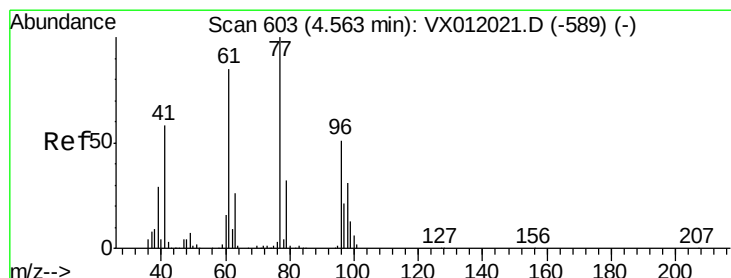
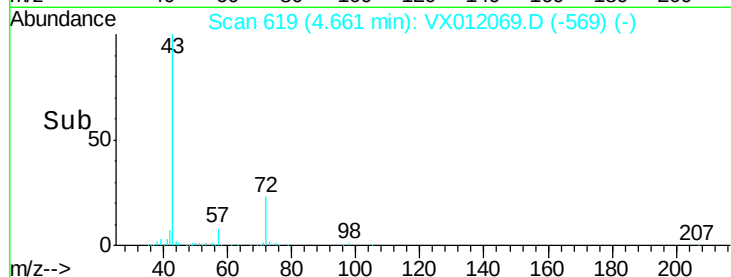
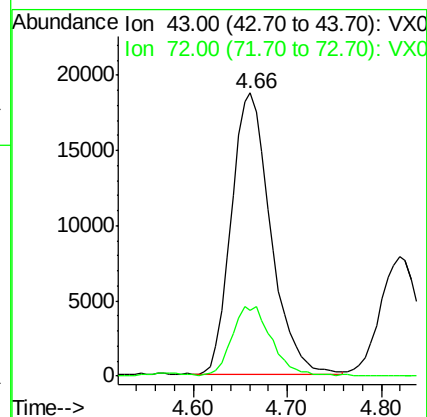
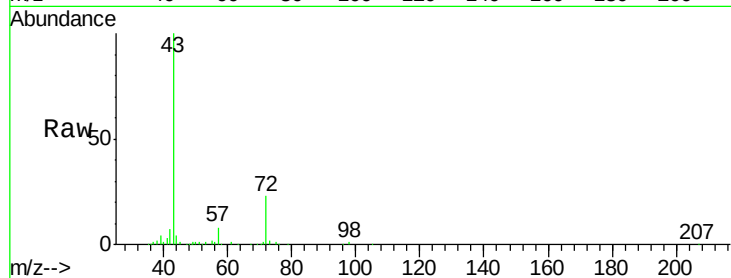
72 23.0 21.3 31.9

Manual Integrations

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sam

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#26

2,2-Dichloropropane

Concen: 17.266 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX012069.D

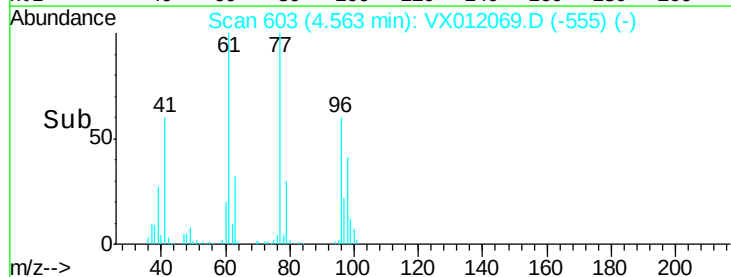
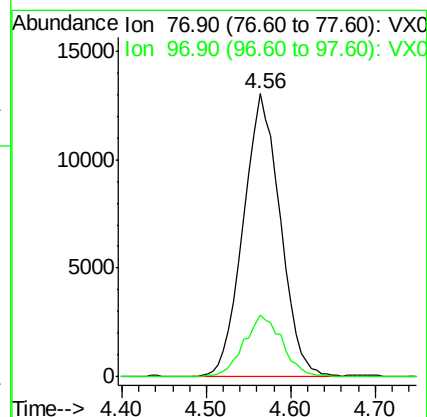
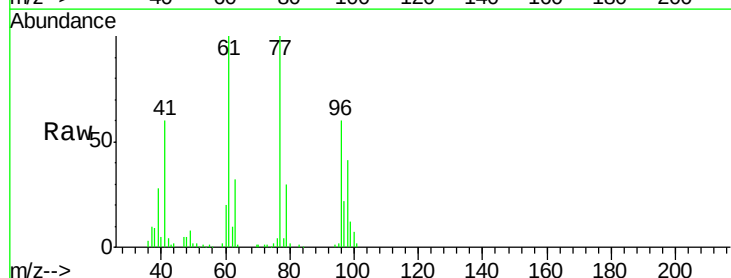
Acq: 05 Sep 2019 00:06

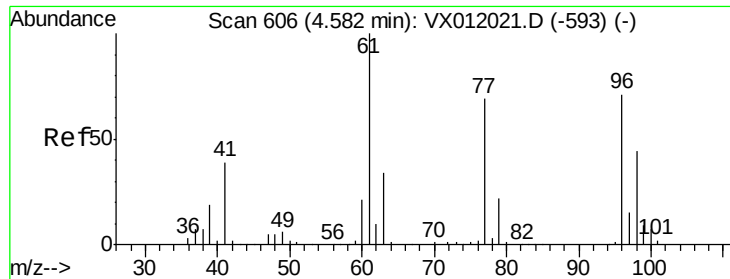
Tgt Ion: 77 Resp: 38884

Ion Ratio Lower Upper

77 100

97 22.6 11.5 34.5





#27

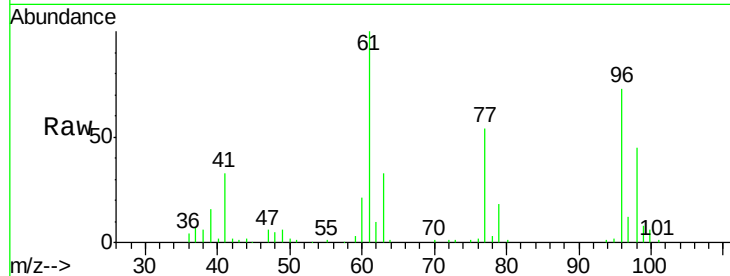
cis-1,2-Dichloroethene
Concen: 21.081 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX012069.D
Acq: 05 Sep 2019 00:06

Instrument :
MSVOA_X
ClientSampled :
VX0904SBS02

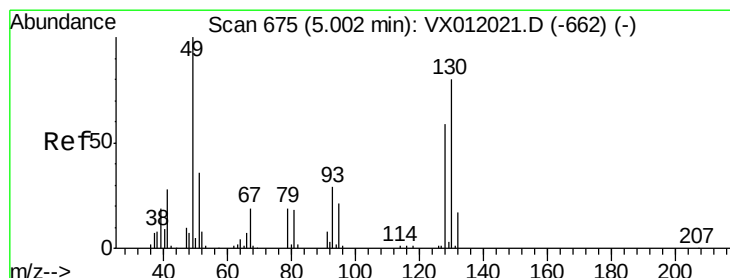
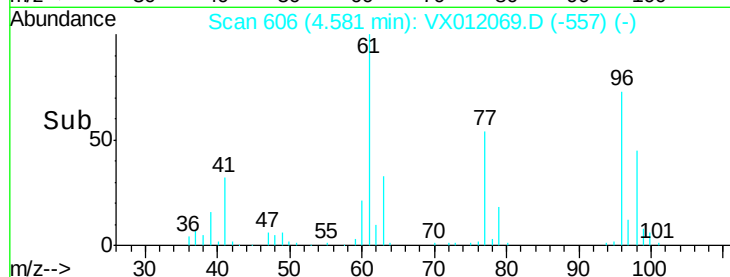
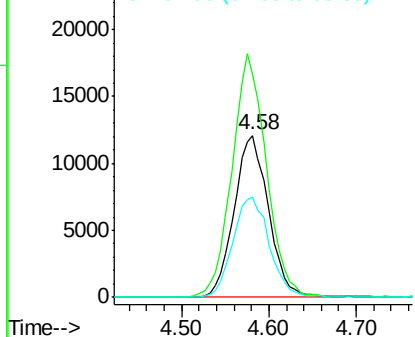
Tot Ion	Ratio	Lower	Upper
96	100		
61	150.6	0.0	277.0
98	65.3	0.0	128.4

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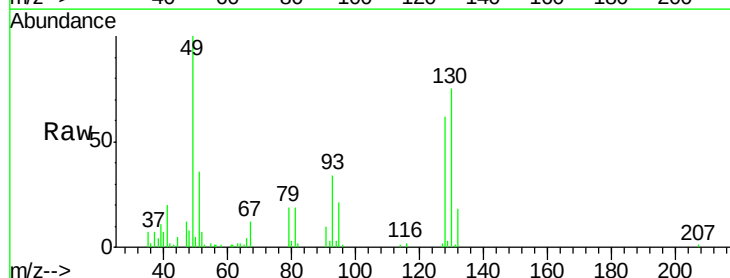
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



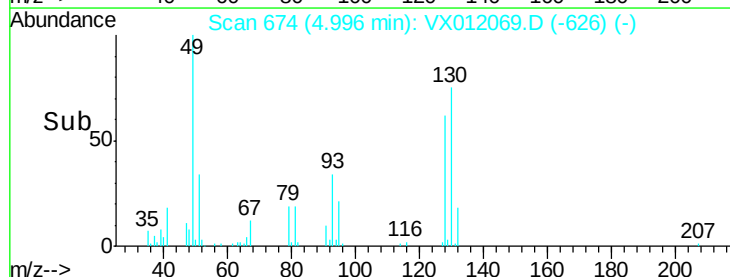
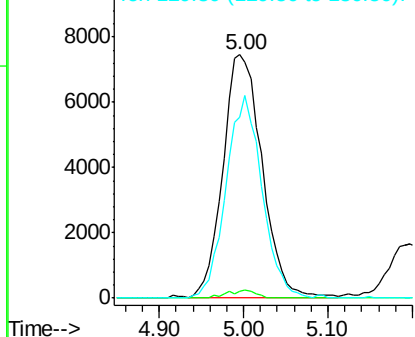
#28

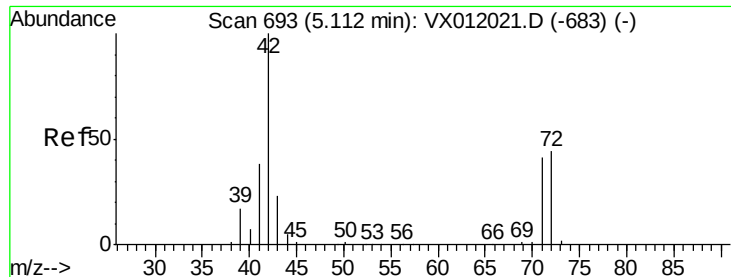
Bromochloromethane
Concen: 24.247 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX012069.D
Acq: 05 Sep 2019 00:06

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	5.6
130	76.0	76.7	115.1#



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





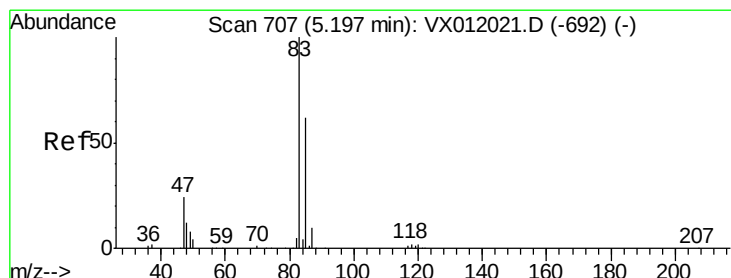
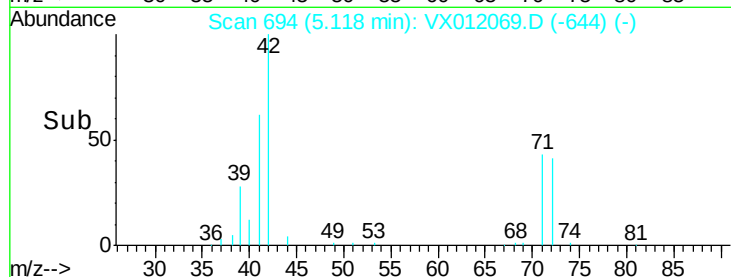
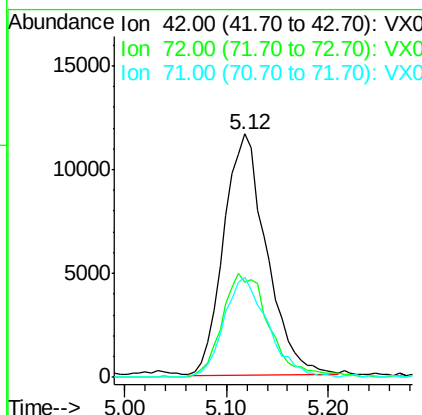
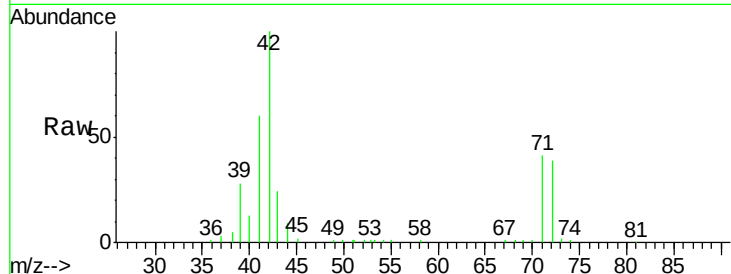
#29
Tetrahydrofuran
Concen: 115.226 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX012069.D
Acq: 05 Sep 2019 00:06

Instrument :
MSVOA_X
ClientSampleId :
VX0904SBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.7	37.0	55.4
71	42.6	33.8	50.8

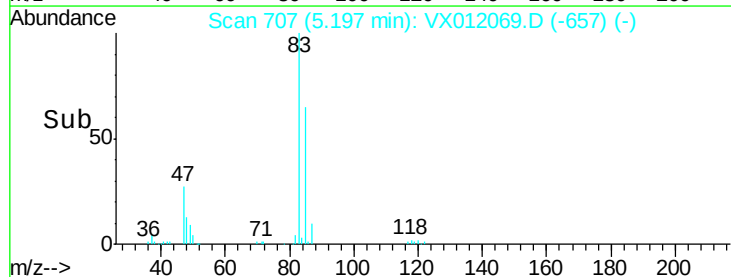
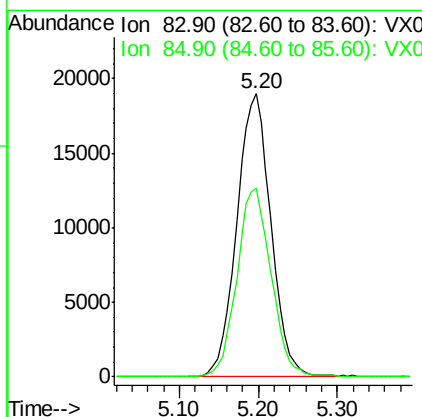
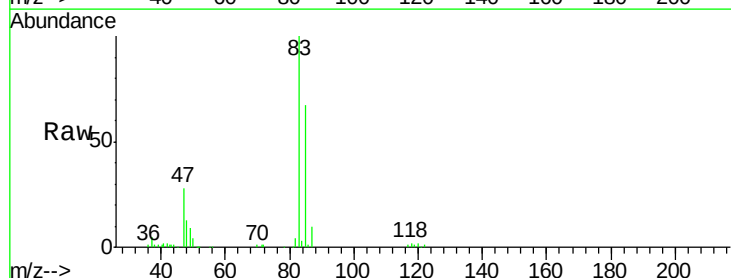
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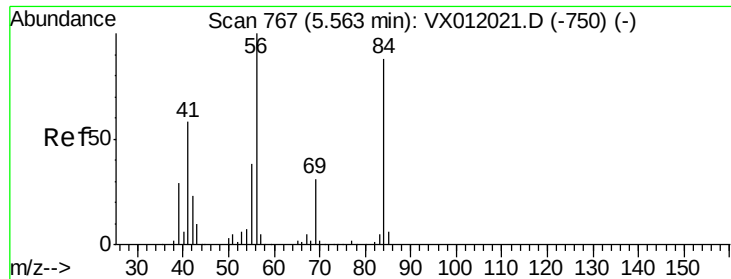
sam
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#30
Chloroform
Concen: 21.816 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.01 min
Lab File: VX012069.D
Acq: 05 Sep 2019 00:06

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.5	52.6	78.8





#31

Cvclohexane

Concen: 18.414 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.01 min

Lab File: VX012069.D

Acq: 05 Sep 2019 00:06

Instrument :

MSVOA_X

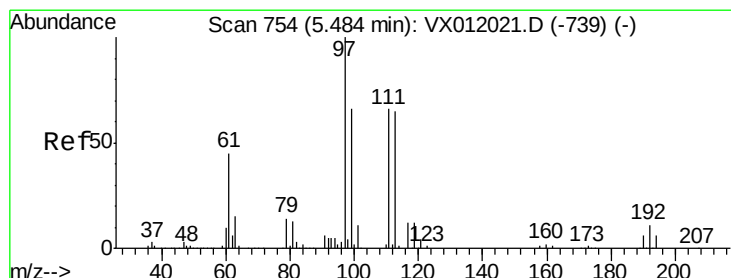
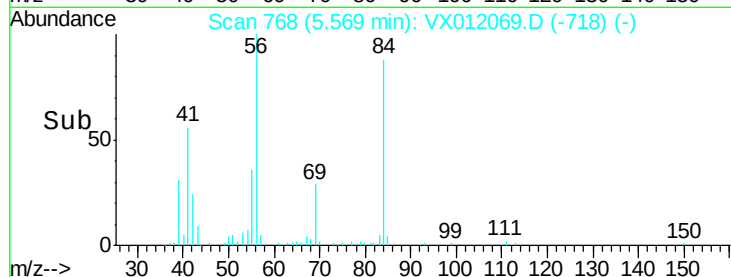
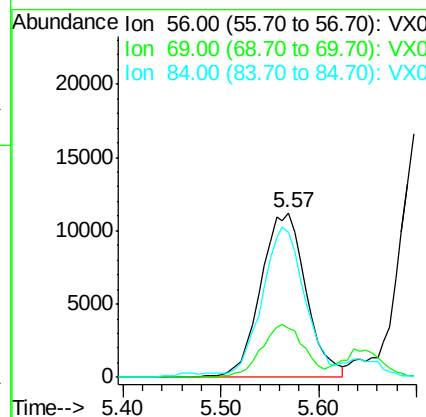
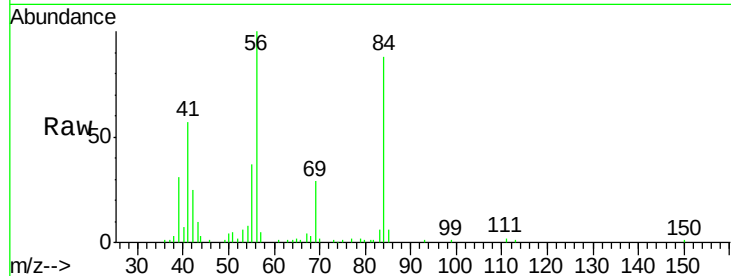
ClientSampleId :

VX0904SBS02

Tot Ion:	56	Resp:	36074
Ion	Ratio	Lower	Upper
56	100		
69	29.5	25.7	38.5
84	84.9	70.3	105.5

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 20.606 ug/l

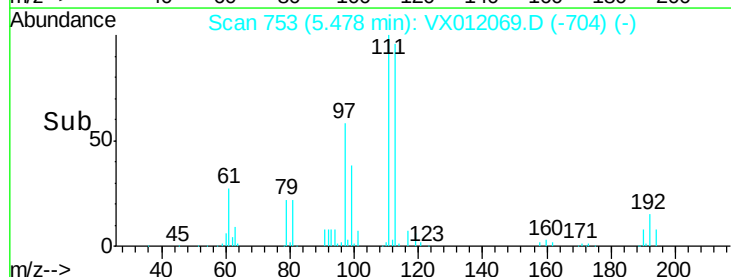
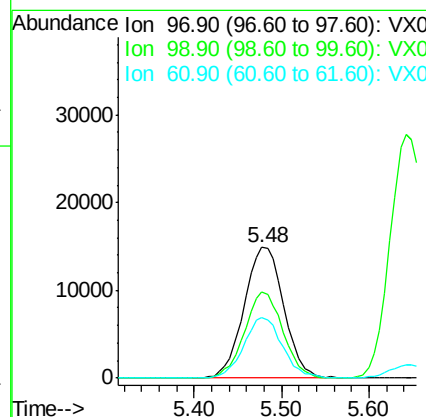
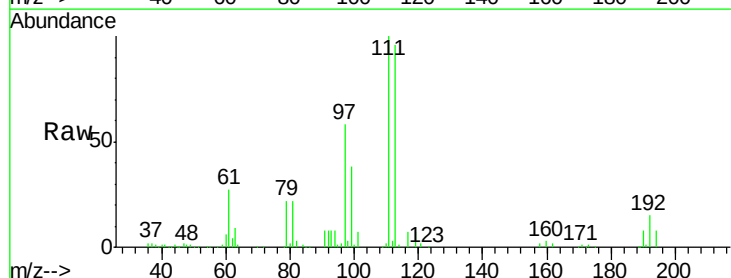
RT: 5.48 min Scan# 753

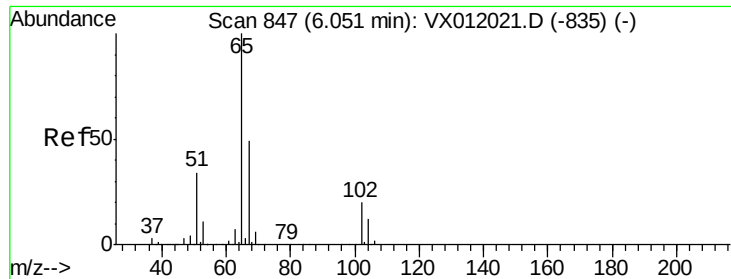
Delta R.T. -0.00 min

Lab File: VX012069.D

Acq: 05 Sep 2019 00:06

Tgt Ion:	97	Resp:	46972
Ion	Ratio	Lower	Upper
97	100		
99	63.8	52.1	78.1
61	45.4	32.8	49.2





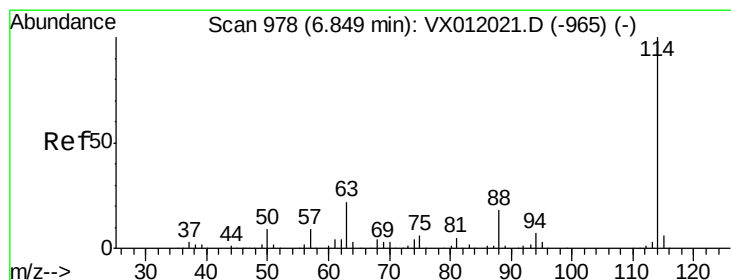
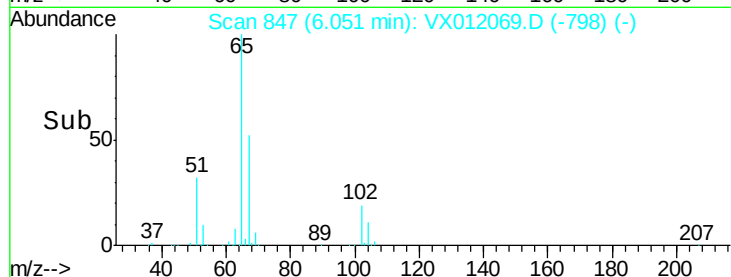
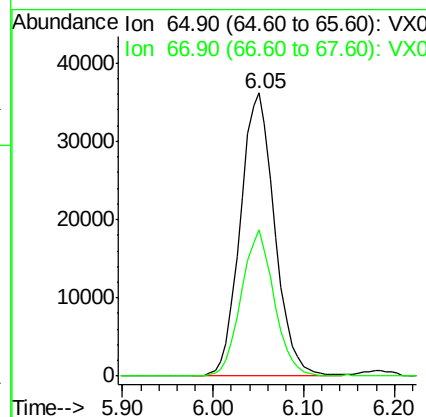
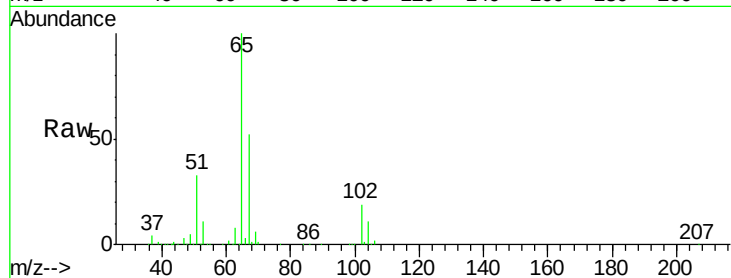
#33
 1,2-Dichloroethane-d4
 Concen: 59.388 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012069.D
 Acq: 05 Sep 2019 00:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904SBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	49.5	0.0	102.0	

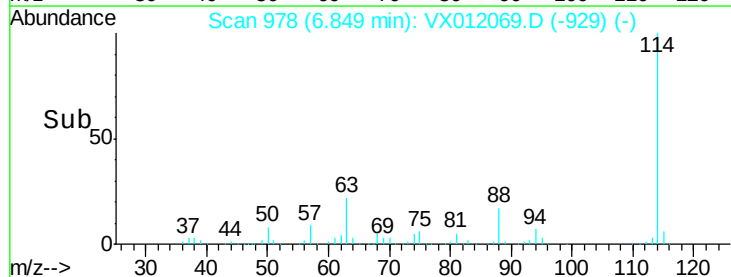
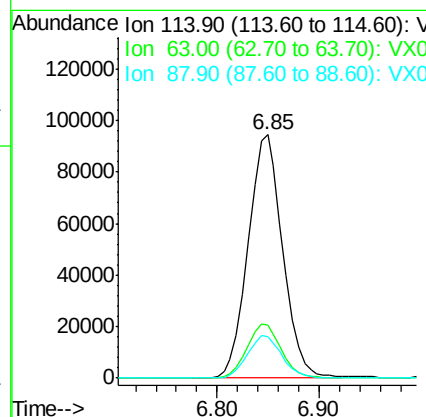
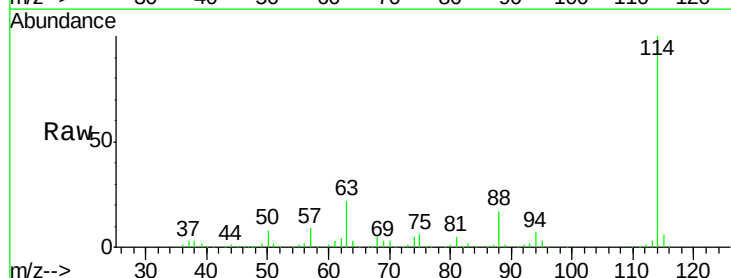
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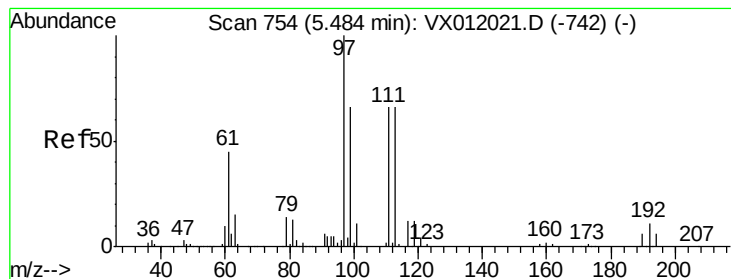
sam
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012069.D
 Acq: 05 Sep 2019 00:06

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	21.7	0.0	37.4	
88	17.1	0.0	29.6	





#35

Dibromofluoromethane

Concen: 53.613 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012069.D

Acq: 05 Sep 2019 00:06

Instrument :

MSVOA_X

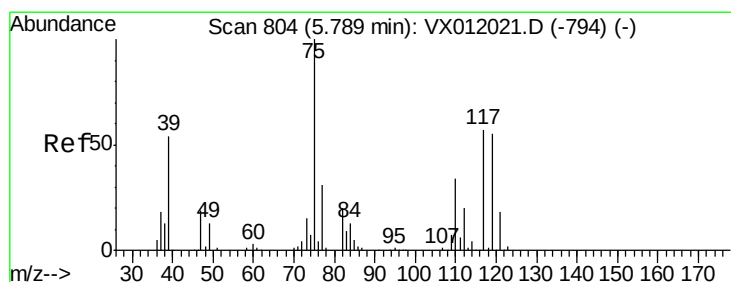
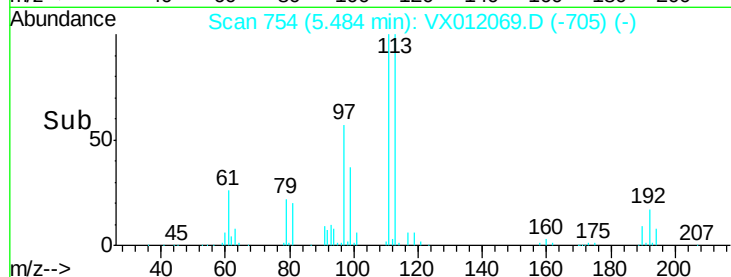
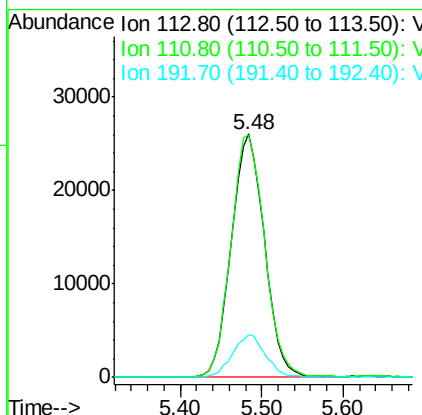
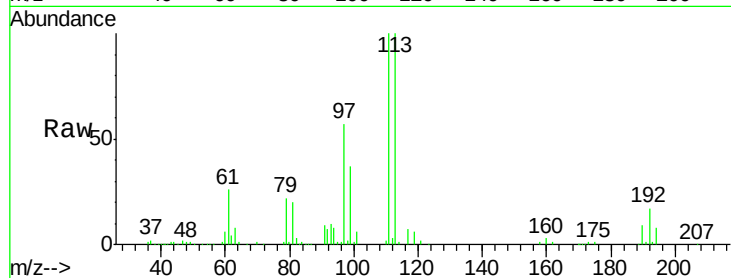
ClientSampleId :

VX0904SBS02

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.7	122.5
192	17.2	22.5	33.7

Manual Integrations
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sam
9/5/2019 2:56:01 PM



#36

1,1-Dichloropropene

Concen: 17.981 ug/l

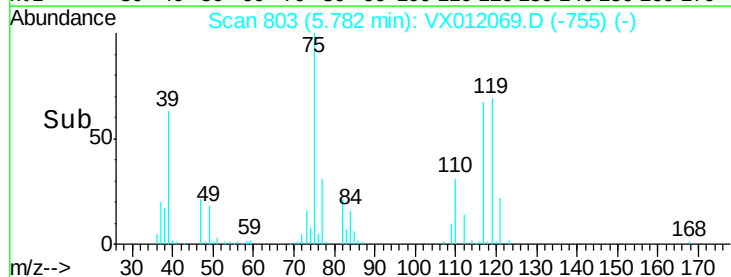
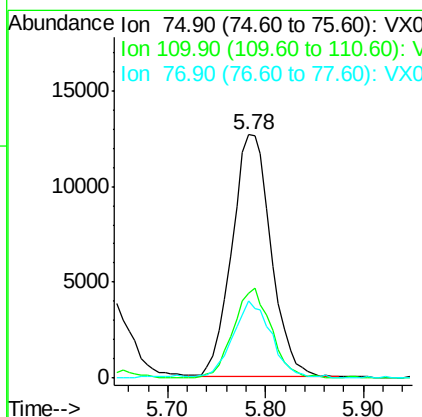
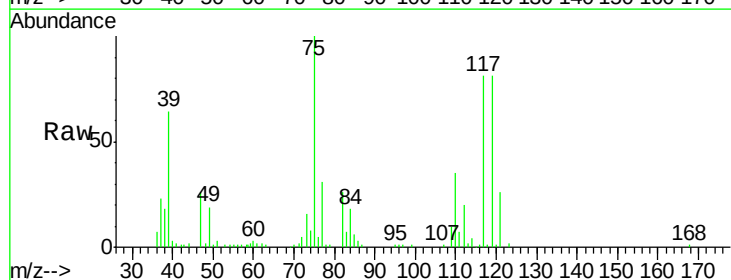
RT: 5.78 min Scan# 803

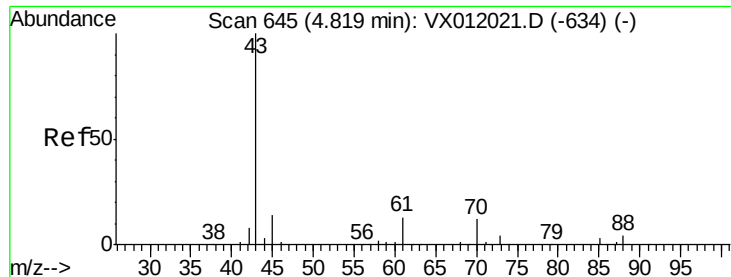
Delta R.T. -0.01 min

Lab File: VX012069.D

Acq: 05 Sep 2019 00:06

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.8	19.5	58.5
77	31.6	24.6	37.0





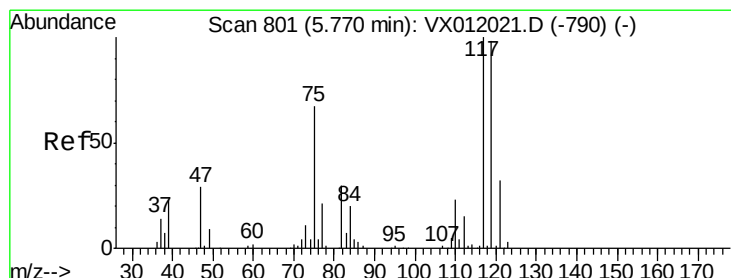
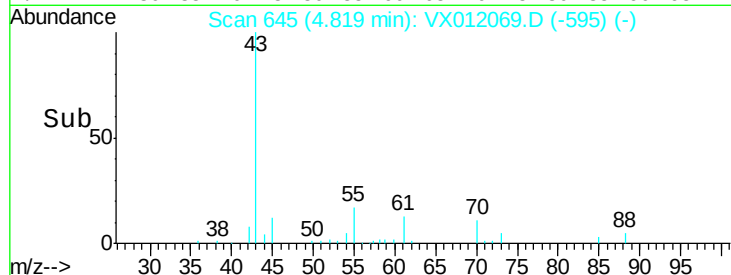
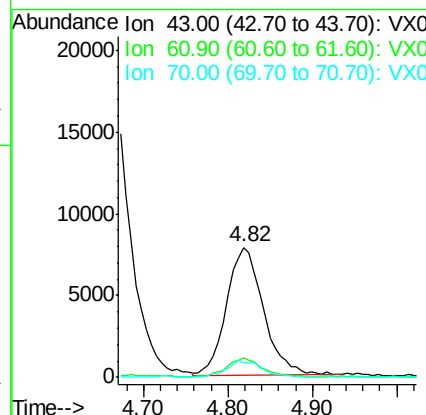
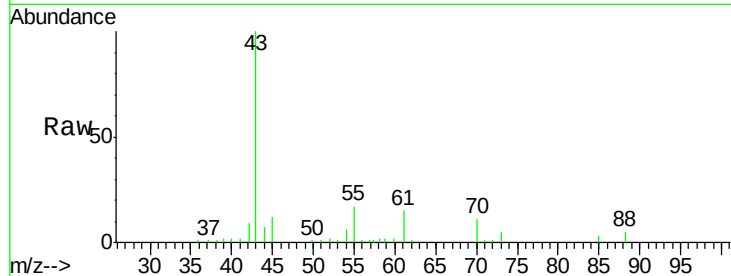
#37
Ethyl Acetate
Concen: 21.934 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.01 min
Lab File: VX012069.D
Acq: 05 Sep 2019 00:06

Instrument :
MSVOA_X
ClientSampleId :
VX0904SBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.1	10.9	16.3
70	12.7	9.4	14.0

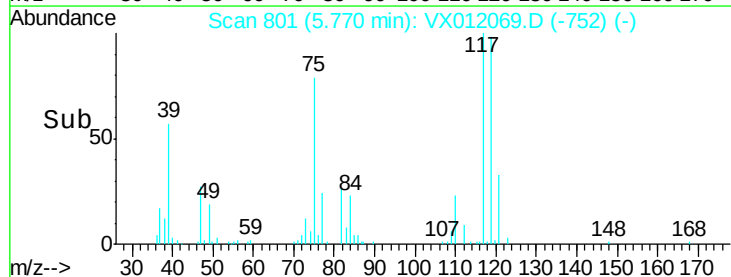
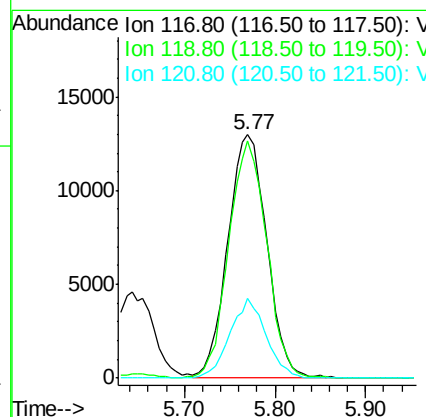
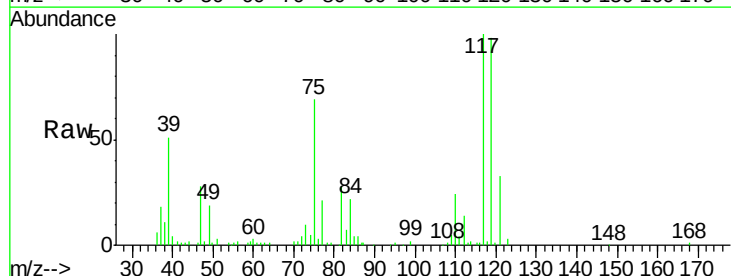
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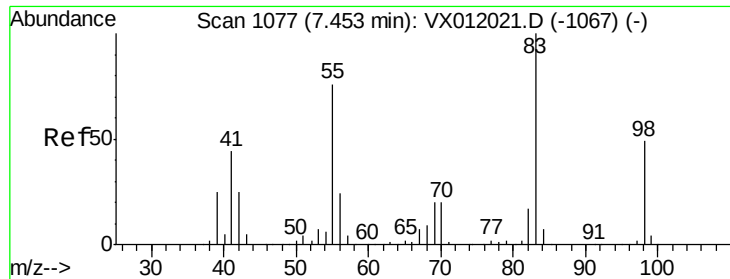
sam
9/5/2019 2:56:01 PM



#38
Carbon Tetrachloride
Concen: 18.822 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.00 min
Lab File: VX012069.D
Acq: 05 Sep 2019 00:06

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.5	78.3	117.5
121	32.8	24.2	36.2





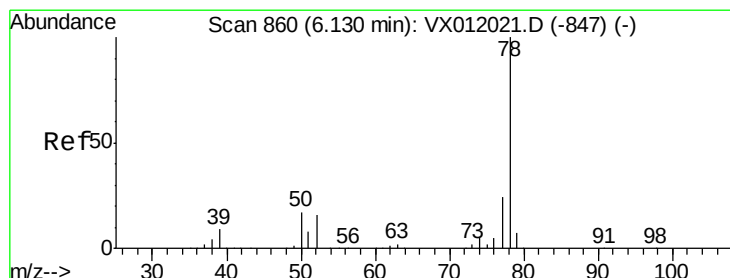
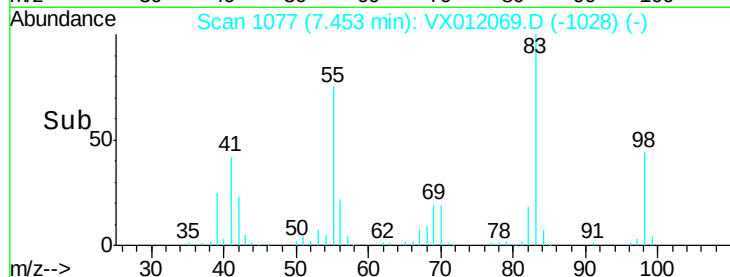
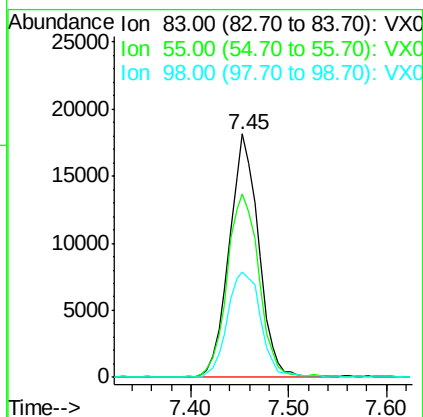
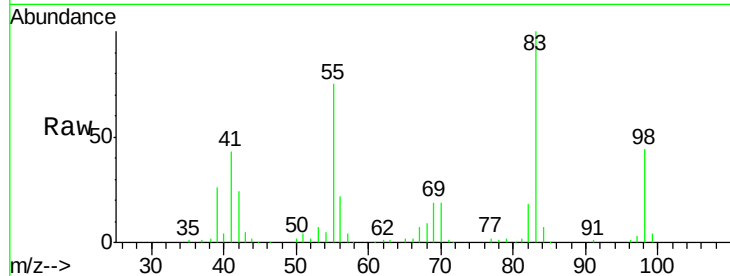
#39
Methylvlcyclohexane
Concen: 16.753 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX012069.D
Acq: 05 Sep 2019 00:06

Instrument :
MSVOA_X
ClientSampleId :
VX0904SBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.7	59.6	89.4
98	43.5	41.4	62.0

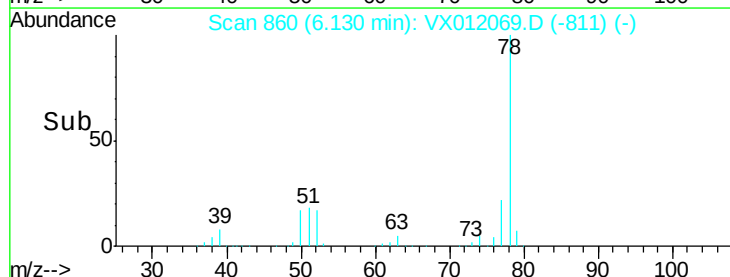
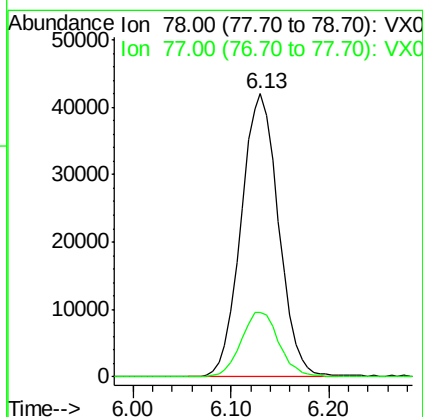
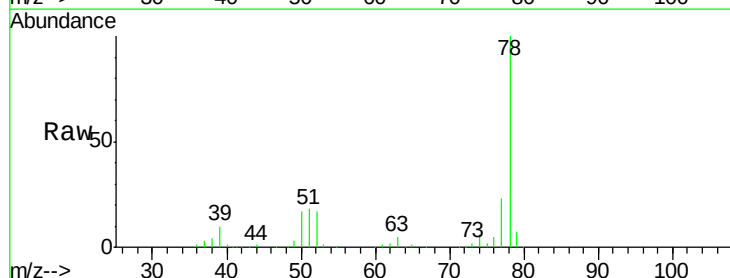
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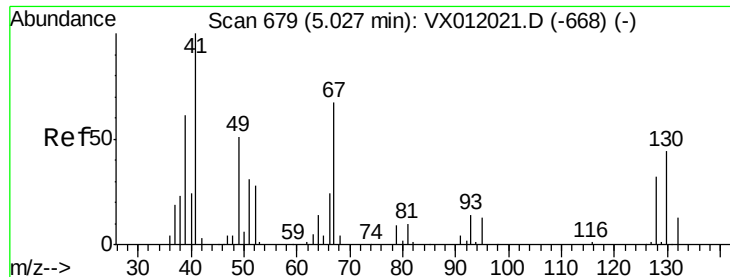
sam
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#40
Benzene
Concen: 19.925 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX012069.D
Acq: 05 Sep 2019 00:06

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.7	19.3	28.9





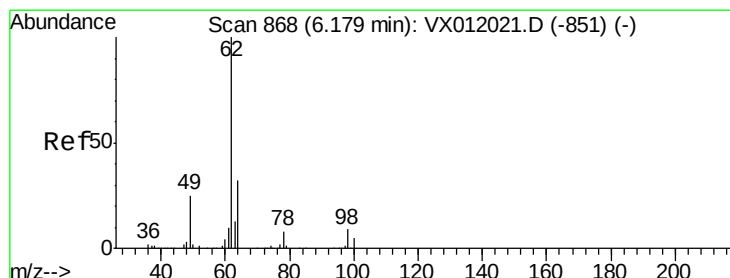
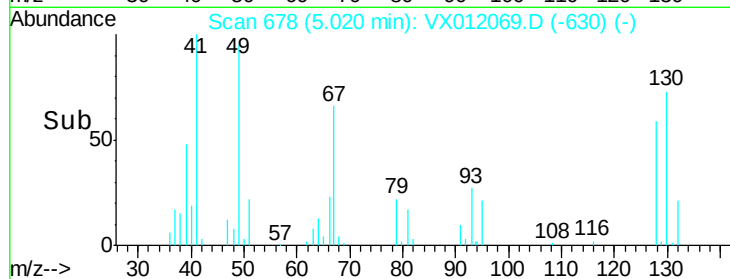
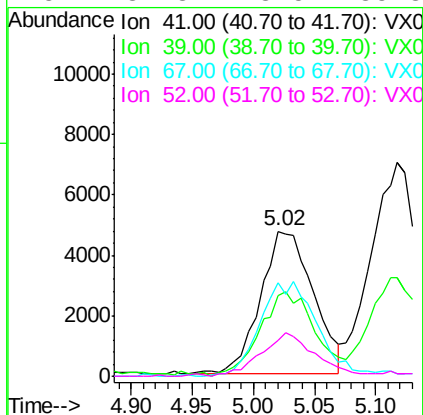
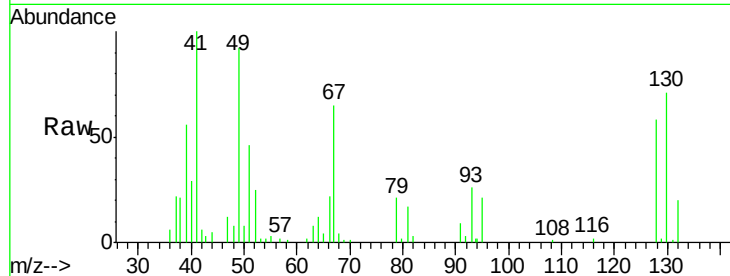
#41
Methacrylonitrile
Concen: 22.218 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX012069.D
Acq: 05 Sep 2019 00:06

Instrument :
MSVOA_X
ClientSampled :
VX0904SBS02

Tot Ion:	41	Resp:	14093
Ion	Ratio	Lower	Upper
41	100		
39	62.6	46.7	70.1
67	71.9	57.0	85.6
52	31.3	23.5	35.3

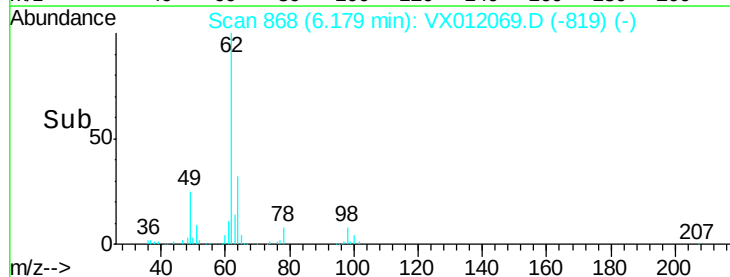
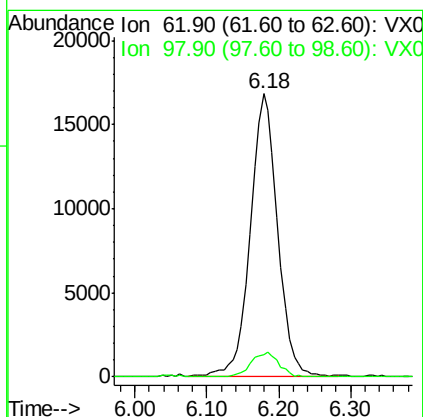
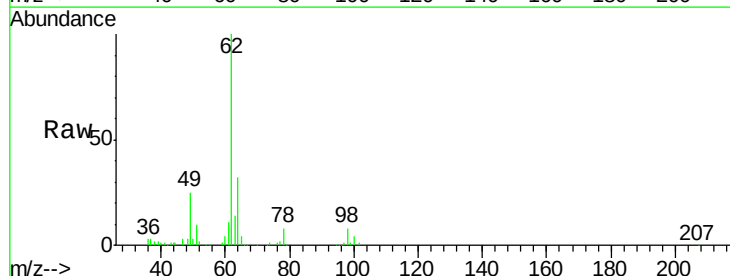
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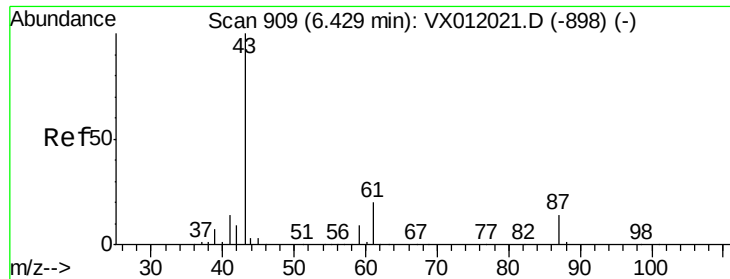
sam
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#42
1,2-Dichloroethane
Concen: 21.985 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX012069.D
Acq: 05 Sep 2019 00:06

Tgt Ion:	62	Resp:	44425
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	19.2





#43

Isopropyl Acetate

Concen: 22.167 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.01 min

Lab File: VX012069.D

Acq: 05 Sep 2019 00:06

Instrument :

MSVOA_X

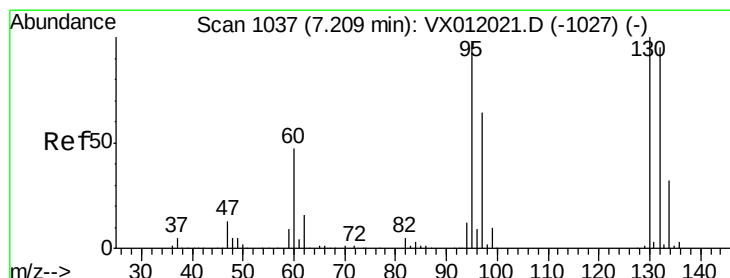
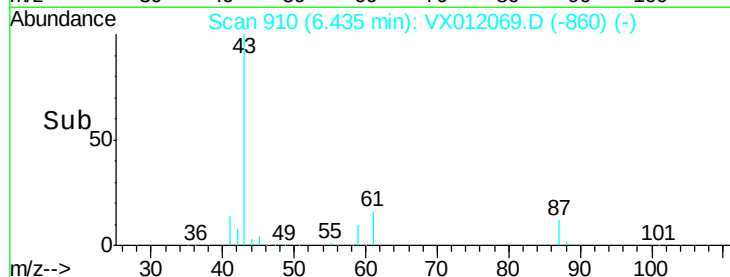
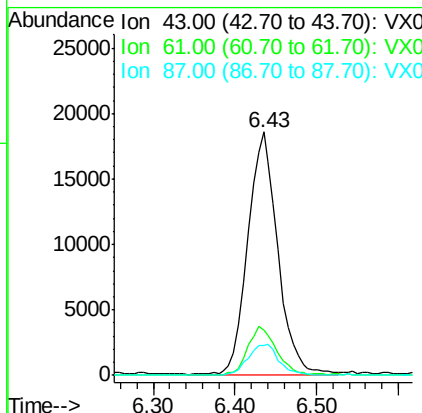
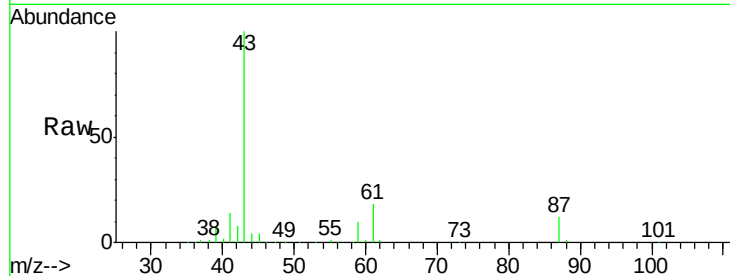
ClientSampled :

VX0904SBS02

Tot Ion:	43	Resp:	47941
Ion	Ratio	Lower	Upper
43	100		
61	19.3	16.1	24.1
87	13.0	11.3	16.9

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#44

Trichloroethene

Concen: 19.662 ug/l

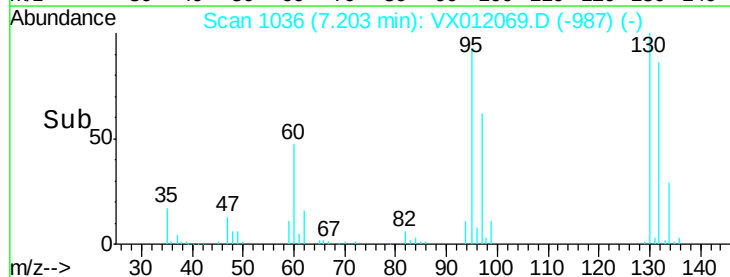
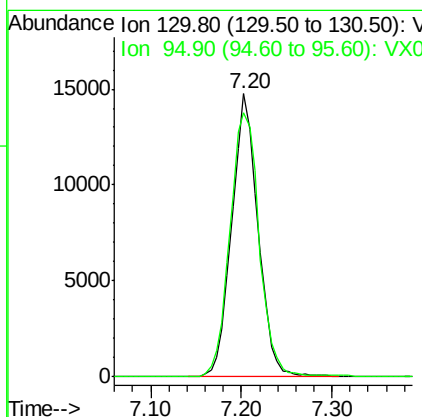
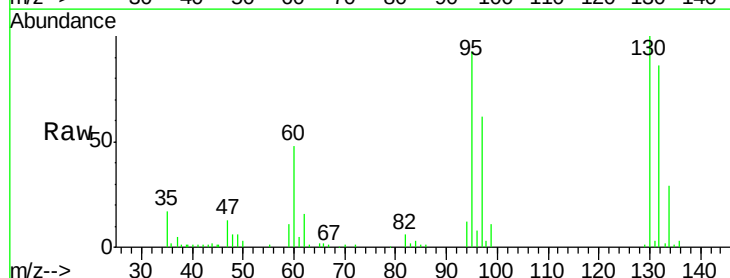
RT: 7.20 min Scan# 1036

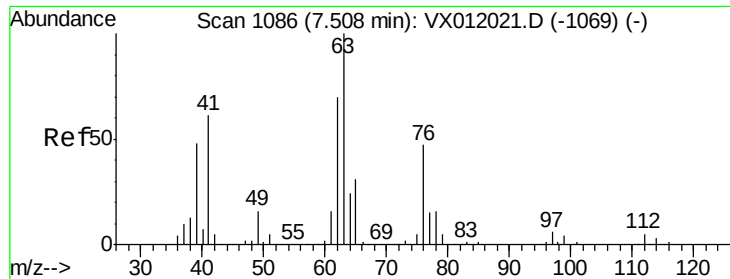
Delta R.T. -0.00 min

Lab File: VX012069.D

Acq: 05 Sep 2019 00:06

Tgt Ion:	130	Resp:	29779
Ion	Ratio	Lower	Upper
130	100		
95	93.3	0.0	176.4





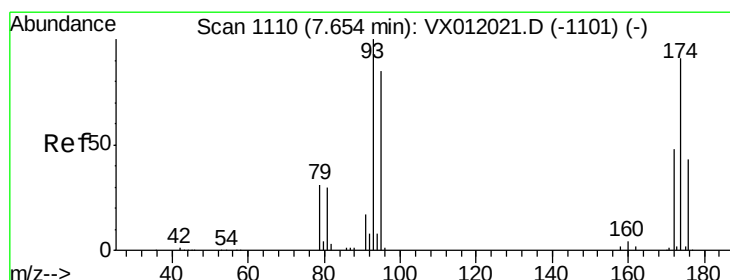
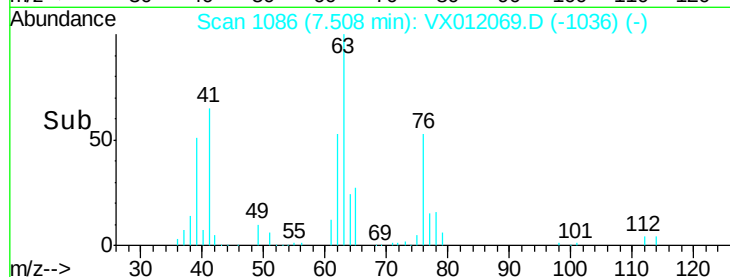
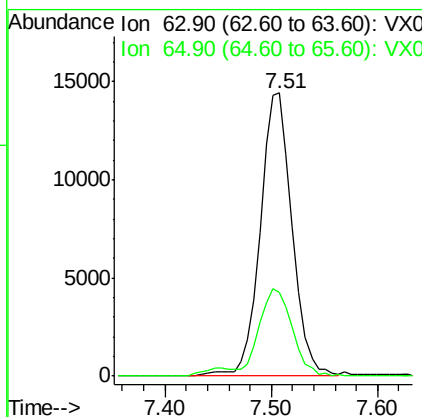
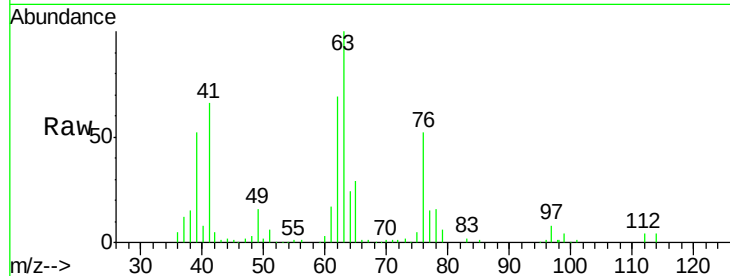
#45
 1,2-Dichloropropane
 Concen: 20.783 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.01 min
 Lab File: VX012069.D
 Acq: 05 Sep 2019 00:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904SBS02

Tot Ion: 63 Resp: 30151
 Ion Ratio Lower Upper
 63 100
 65 29.1 25.0 37.6

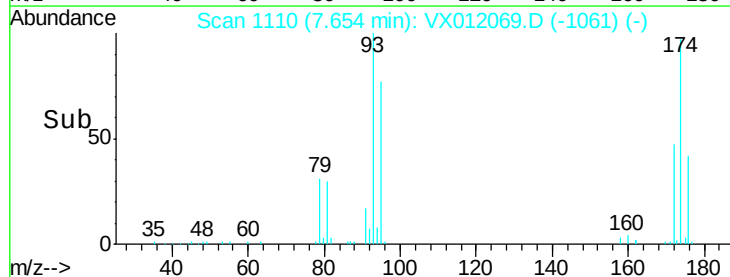
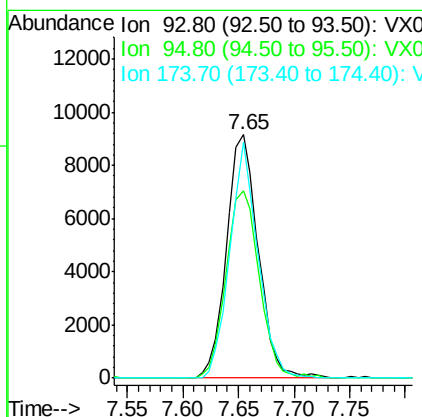
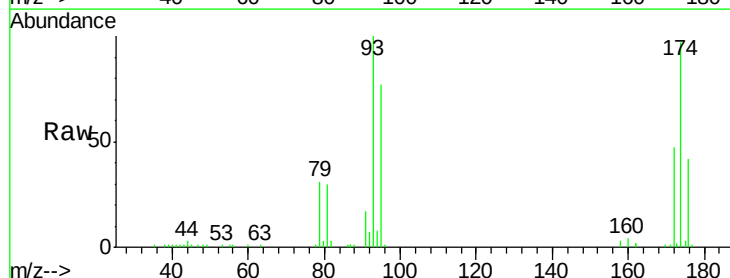
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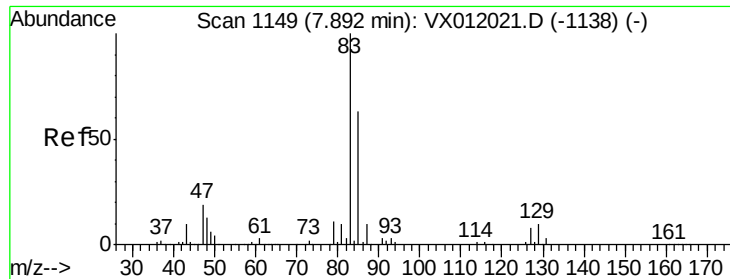
sam
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#46
 Dibromomethane
 Concen: 21.341 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX012069.D
 Acq: 05 Sep 2019 00:06

Tgt Ion: 93 Resp: 18074
 Ion Ratio Lower Upper
 93 100
 95 80.8 66.2 99.2
 174 86.0 110.2 165.4#





#47

Bromodichloromethane

Concen: 21.243 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX012069.D

Acq: 05 Sep 2019 00:06

Instrument :

MSVOA_X

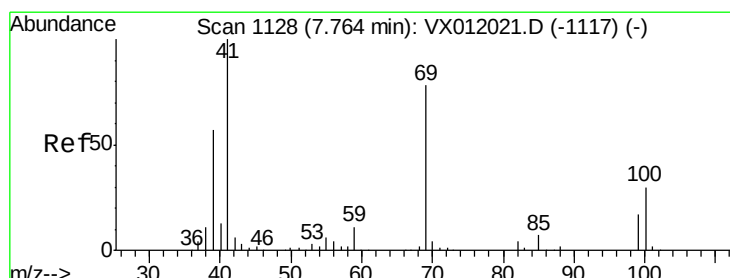
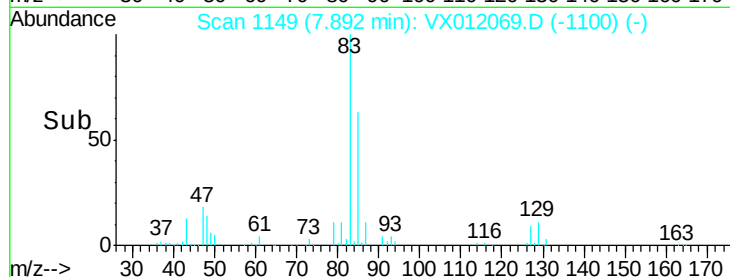
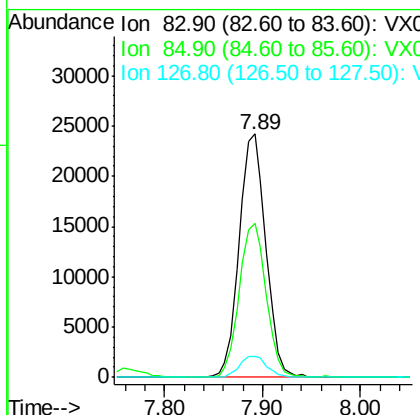
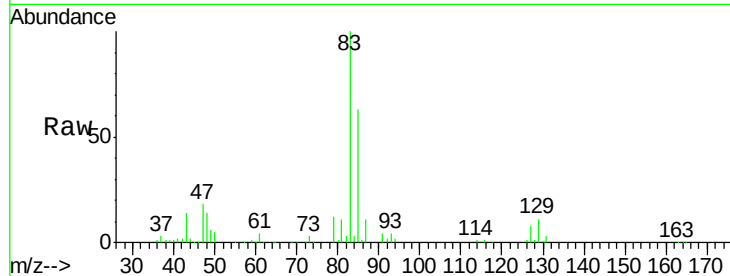
ClientSampleId :

VX0904SBS02

Tot Ion:	83	Resp:	45730
Ion	Ratio	Lower	Upper
83	100		
85	63.3	50.3	75.5
127	8.5	8.1	12.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 21.812 ug/l

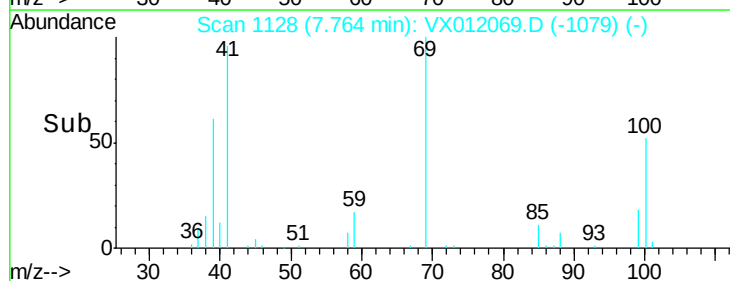
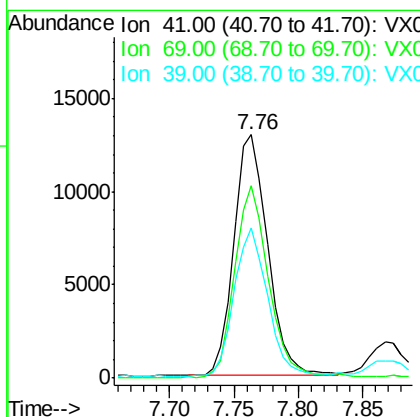
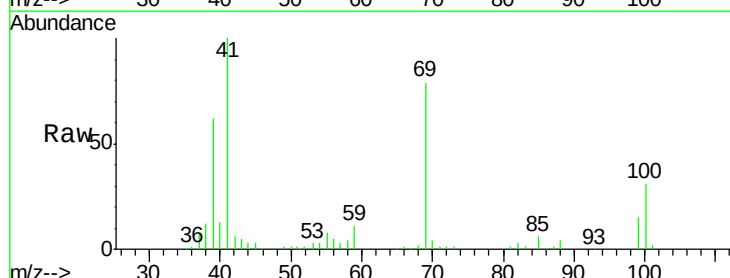
RT: 7.76 min Scan# 1128

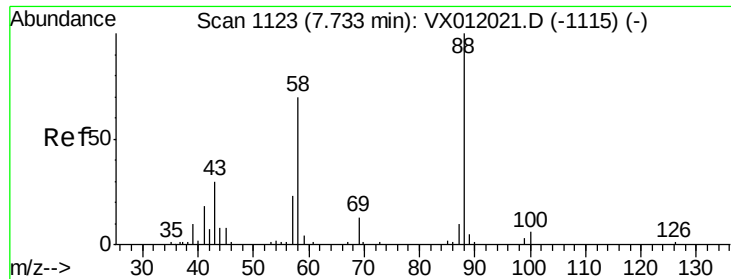
Delta R.T. -0.00 min

Lab File: VX012069.D

Acq: 05 Sep 2019 00:06

Tgt Ion:	41	Resp:	23719
Ion	Ratio	Lower	Upper
41	100		
69	79.3	66.3	99.5
39	60.7	48.1	72.1





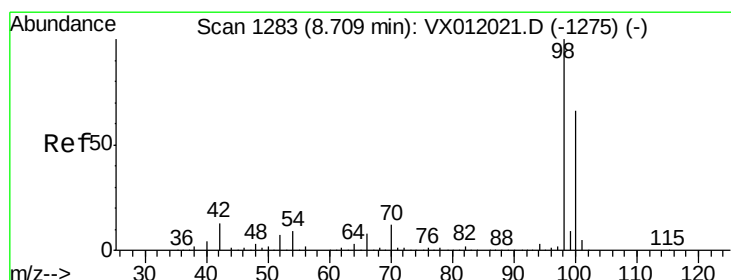
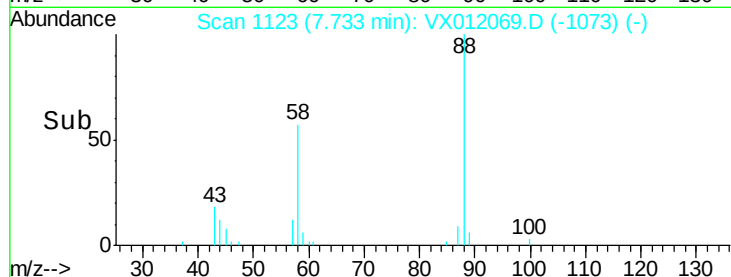
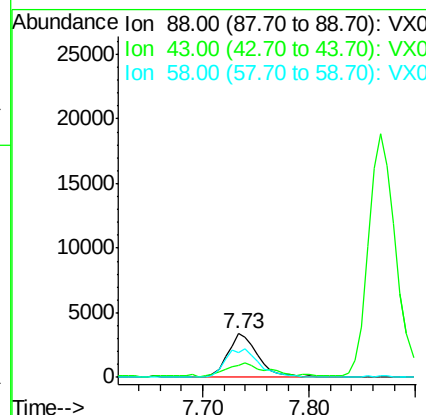
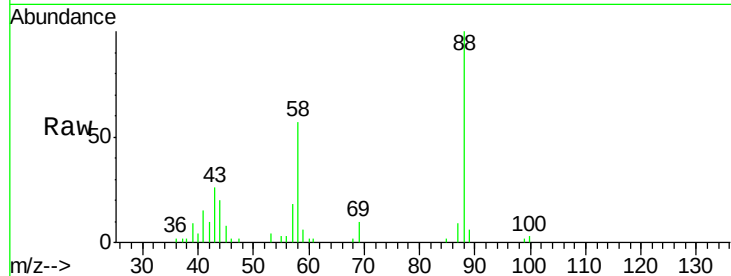
#49
1,4-Dioxane
Concen: 460.058 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.01 min
Lab File: VX012069.D
Acq: 05 Sep 2019 00:06

Instrument :
MSVOA_X
ClientSampleId :
VX0904SBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	40.0	29.8	44.6
58	73.3	55.4	83.2

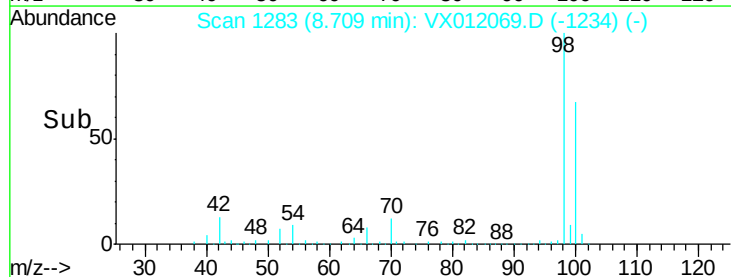
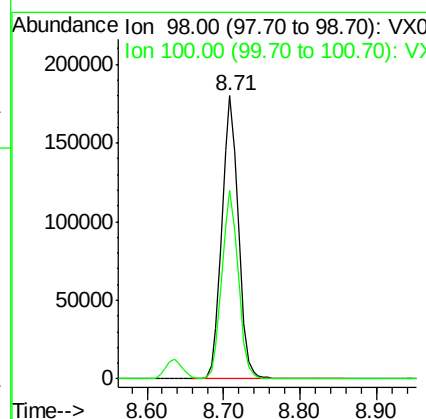
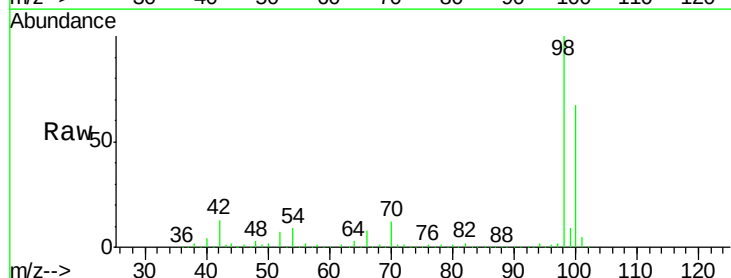
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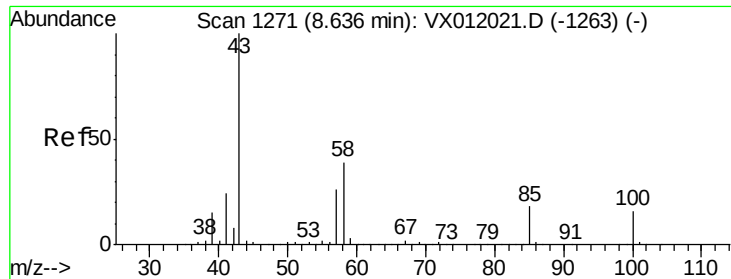
sam
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#50
Toluene-d8
Concen: 53.856 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012069.D
Acq: 05 Sep 2019 00:06

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.3	79.9





#51

4-Methyl-2-Pentanone

Concen: 112.063 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012069.D

Acq: 05 Sep 2019 00:06

Instrument :

MSVOA_X

ClientSampled :

VX0904SBS02

Tot Ion: 43 Resp: 123275

Ion Ratio Lower Upper

43 100

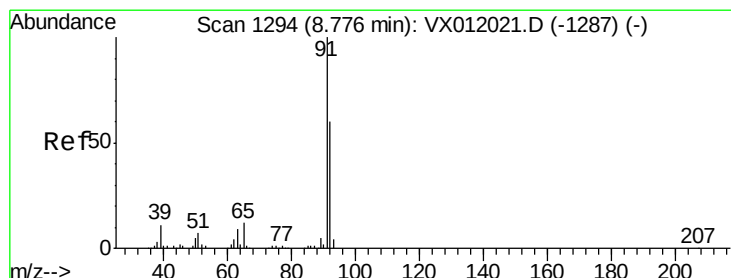
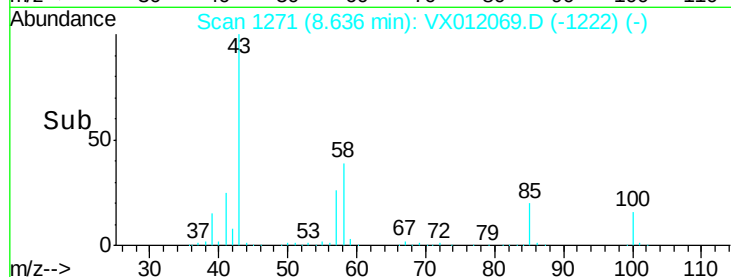
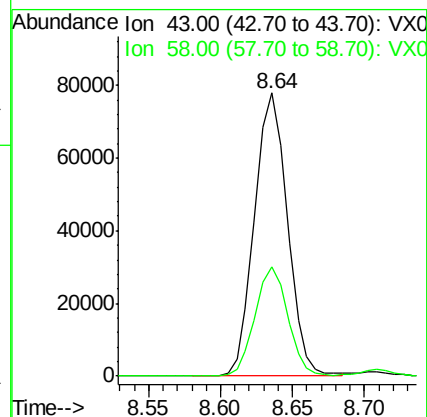
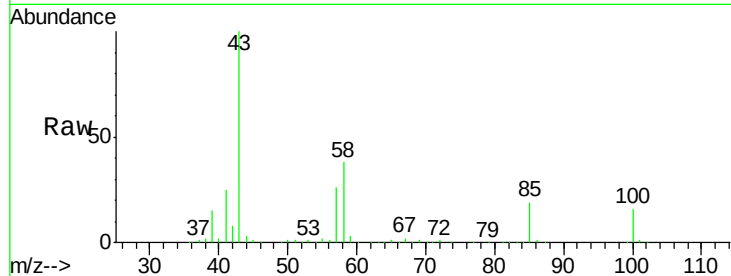
58 38.5 31.5 47.3

Manual Integrations

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Sam

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#52

Toluene

Concen: 19.919 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX012069.D

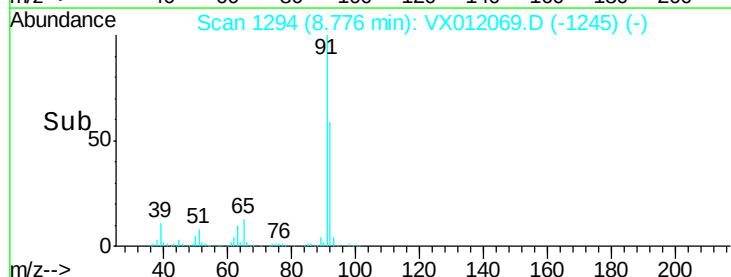
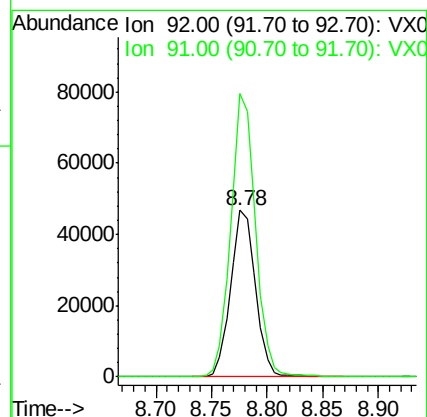
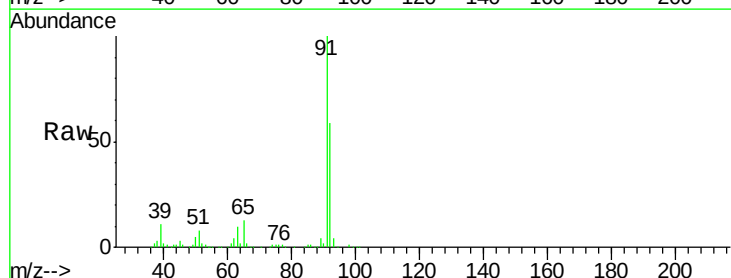
Acq: 05 Sep 2019 00:06

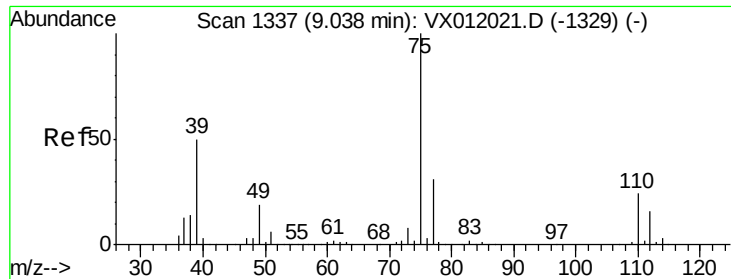
Tgt Ion: 92 Resp: 72776

Ion Ratio Lower Upper

92 100

91 168.4 136.0 204.0





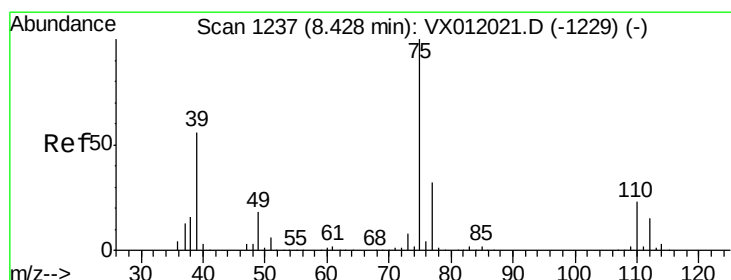
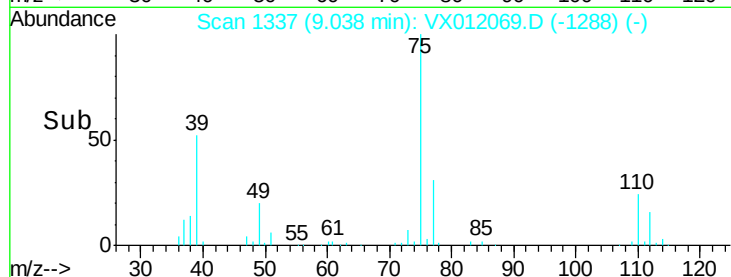
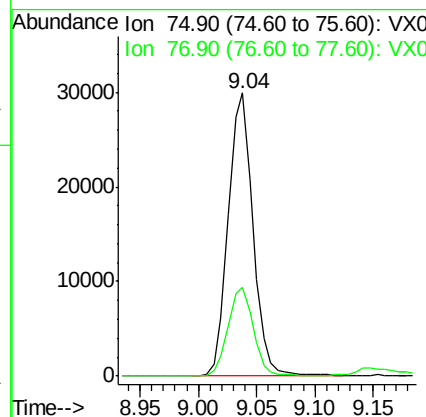
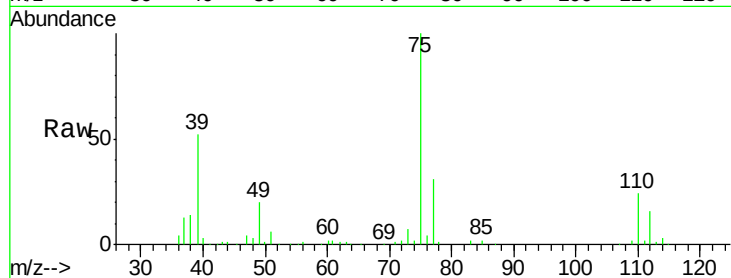
#53
t-1,3-Dichloropropene
Concen: 19.818 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX012069.D
Acq: 05 Sep 2019 00:06

Instrument :
MSVOA_X
ClientSampleId :
VX0904SBS02

Tot Ion: 75 Resp: 44169
Ion Ratio Lower Upper
75 100
77 31.3 25.1 37.7

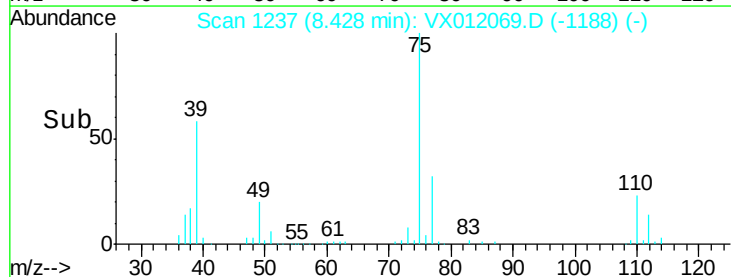
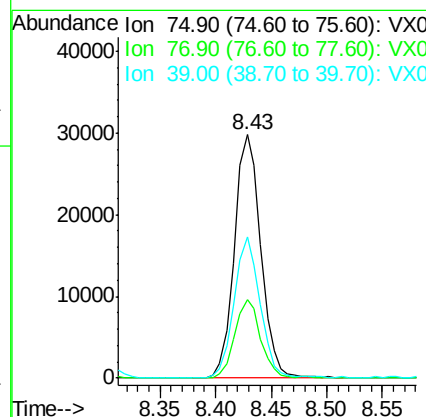
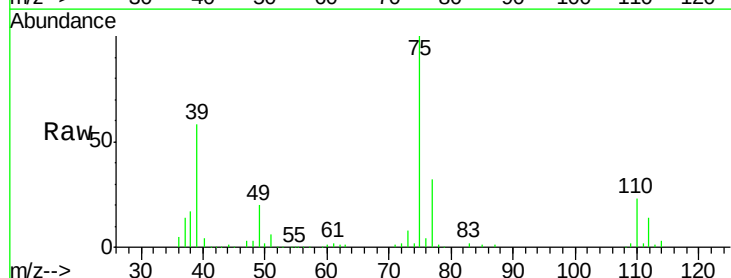
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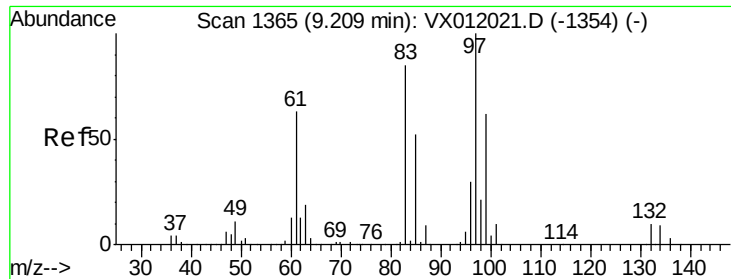
sam
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#54
cis-1,3-Dichloropropene
Concen: 19.759 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX012069.D
Acq: 05 Sep 2019 00:06

Tgt Ion: 75 Resp: 48970
Ion Ratio Lower Upper
75 100
77 32.2 25.5 38.3
39 57.9 43.0 64.4





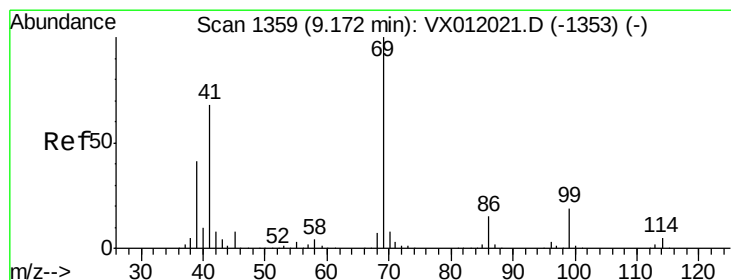
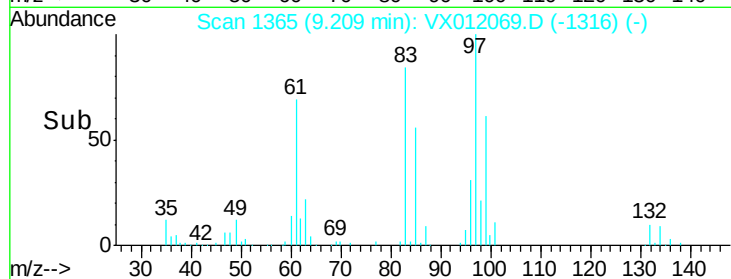
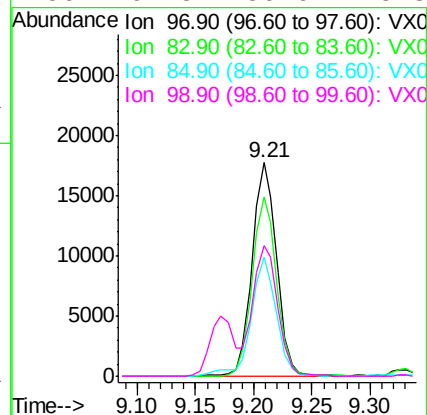
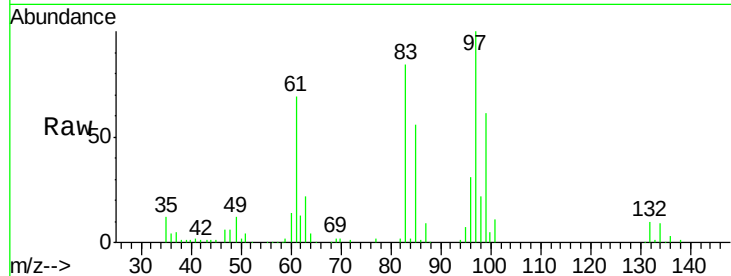
#55
1,1,2-Trichloroethane
Concen: 21.647 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. -0.00 min
Lab File: VX012069.D
Acq: 05 Sep 2019 00:06

Instrument :
MSVOA_X
ClientSampleId :
VX0904SBS02

Tot Ion:	97	Resp:	26210
Ion	Ratio	Lower	Upper
97	100		
83	83.6	66.0	99.0
85	56.0	41.0	61.6
99	61.3	50.6	75.8

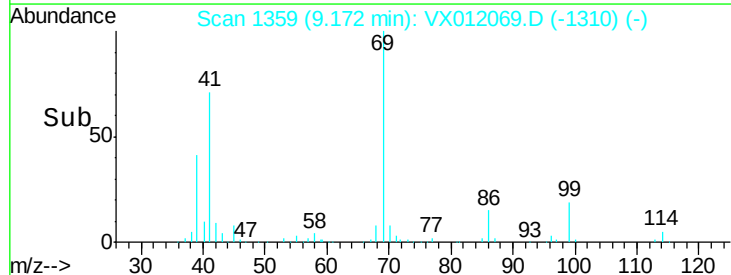
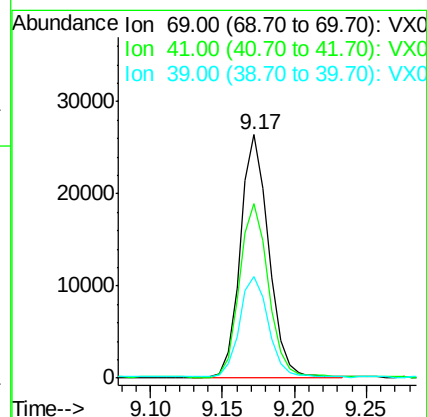
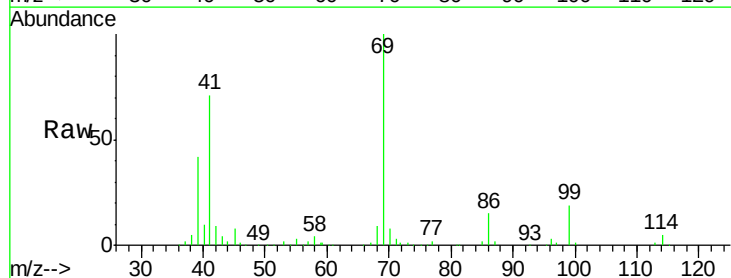
Manual Integrations
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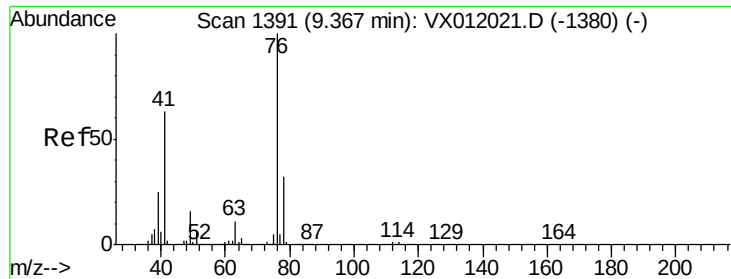
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#56
Ethyl methacrylate
Concen: 21.062 ug/l
RT: 9.17 min Scan# 1359
Delta R.T. -0.00 min
Lab File: VX012069.D
Acq: 05 Sep 2019 00:06

Tgt Ion:	69	Resp:	36529
Ion	Ratio	Lower	Upper
69	100		
41	72.7	53.9	80.9
39	42.0	31.1	46.7





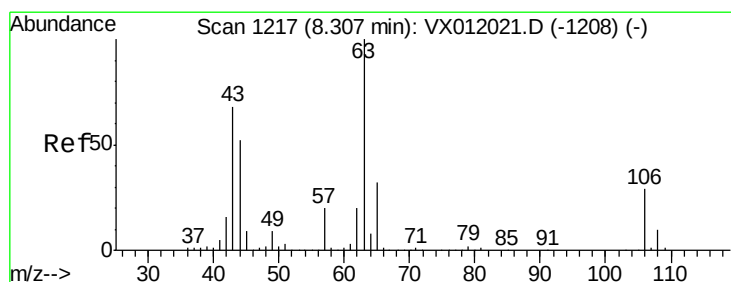
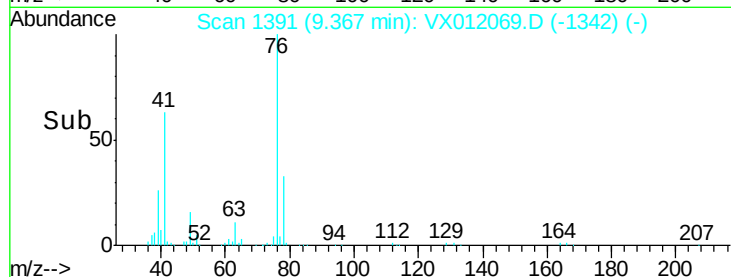
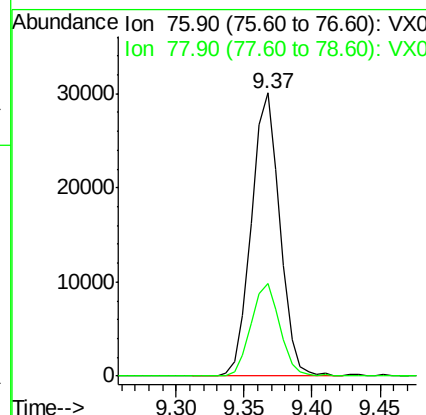
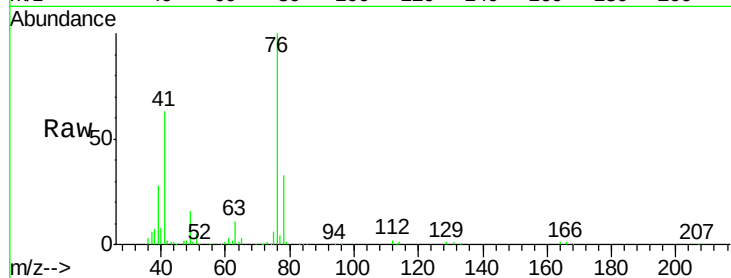
#57
 1,3-Dichloropropane
 Concen: 21.227 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX012069.D
 Acq: 05 Sep 2019 00:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904SBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	33.2	25.5	38.3

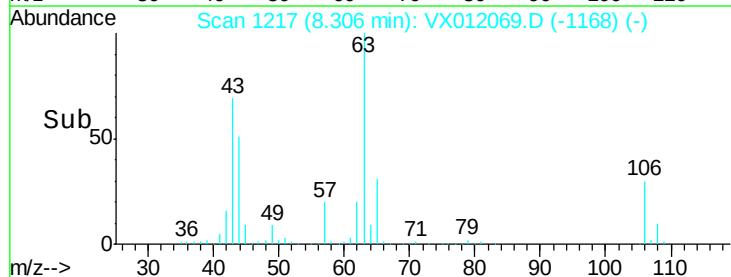
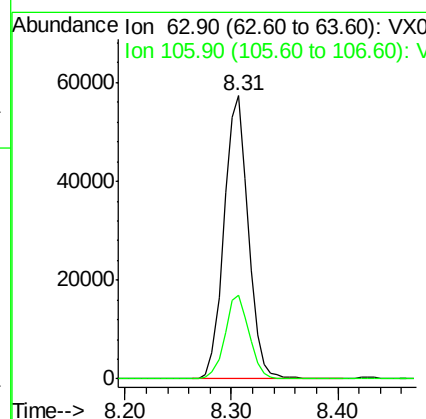
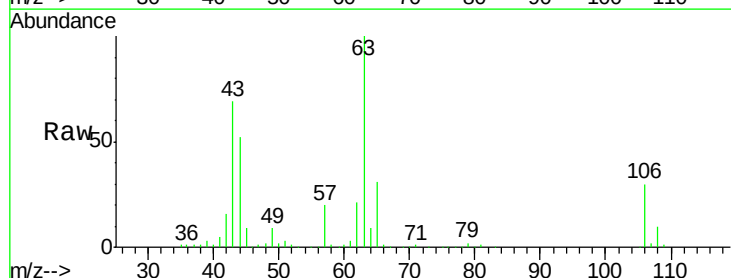
Manual Integrations
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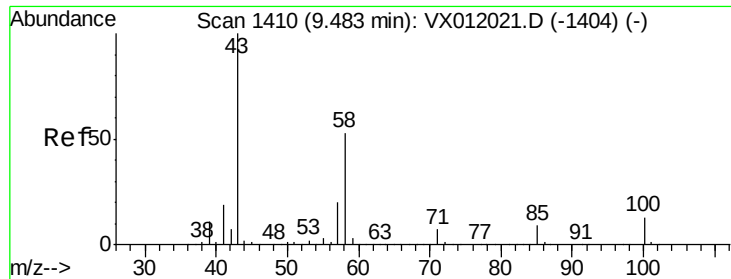
sam
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#58
 2-Chloroethyl Vinyl ether
 Concen: 116.040 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: VX012069.D
 Acq: 05 Sep 2019 00:06

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.7	26.5	39.7





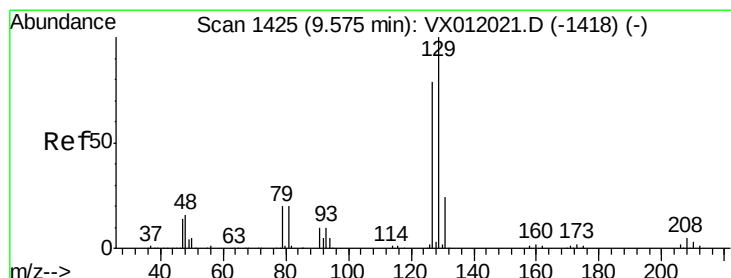
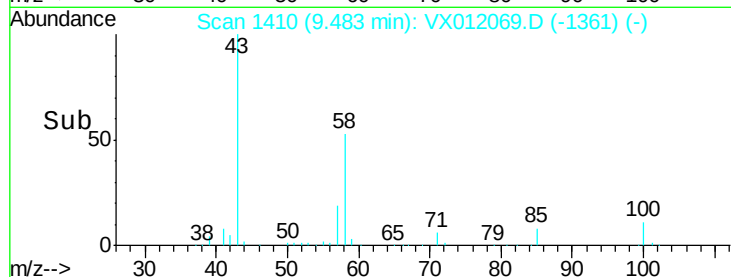
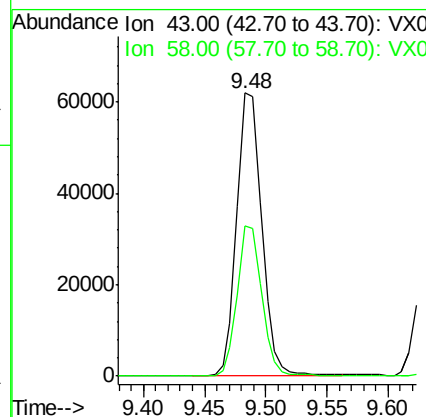
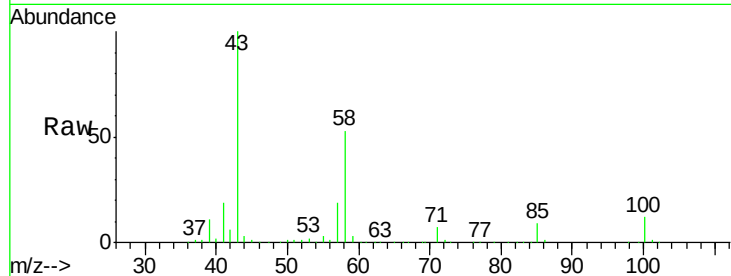
#59
2-Hexanone
Concen: 108.771 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX012069.D
Acq: 05 Sep 2019 00:06

Instrument :
MSVOA_X
ClientSampleId :
VX0904SBS02

Tot Ion: 43 Resp: 87309
Ion Ratio Lower Upper
43 100
58 52.7 27.2 81.6

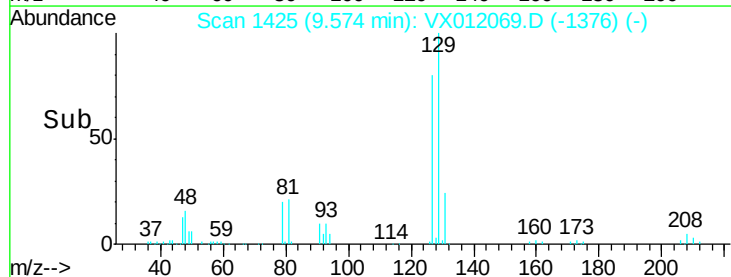
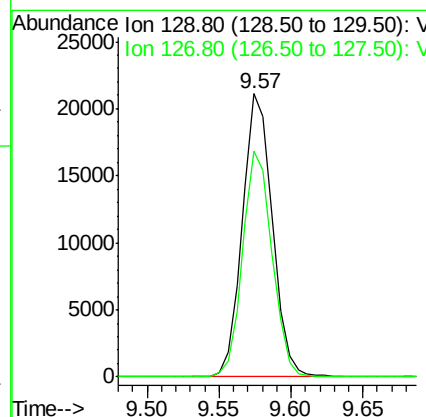
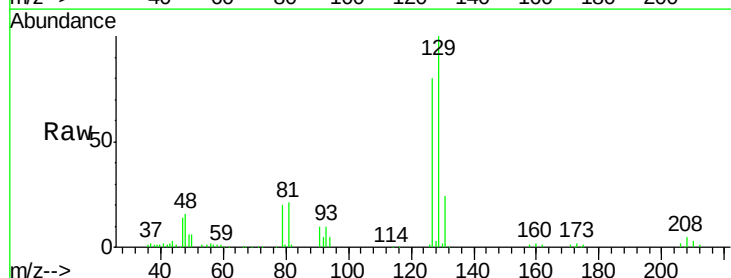
Manual Integrations
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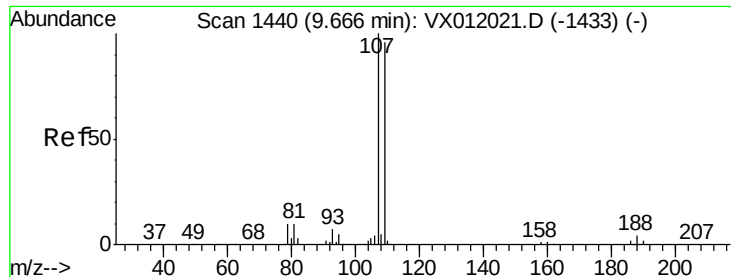
sam
9/5/2019 2:56:01 PM



#60
Dibromochloromethane
Concen: 21.103 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX012069.D
Acq: 05 Sep 2019 00:06

Tgt Ion: 129 Resp: 30452
Ion Ratio Lower Upper
129 100
127 78.5 38.1 114.5





#61

1,2-Dibromoethane

Concen: 21.308 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012069.D

Acq: 05 Sep 2019 00:06

Instrument :

MSVOA_X

ClientSampleId :

VX0904SBS02

Tot Ion:107 Resp: 24930

Ion Ratio Lower Upper

107 100

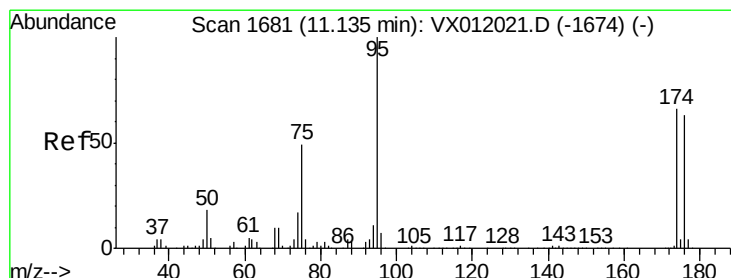
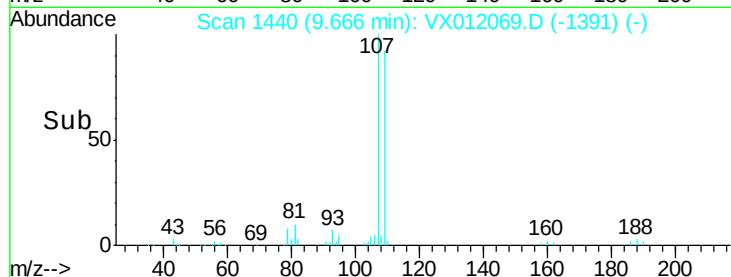
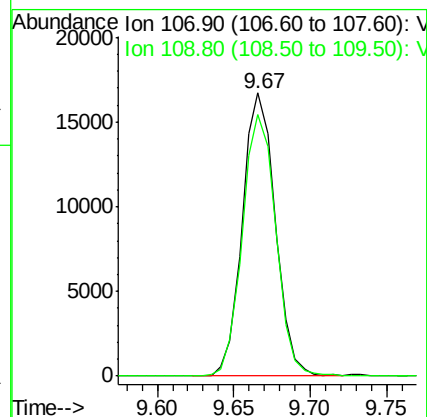
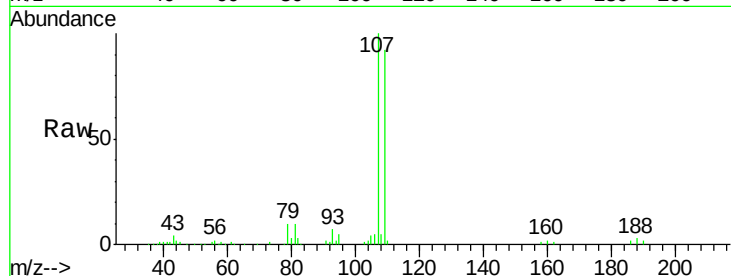
109 93.9 76.9 115.3

Manual Integrations

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sam

9/5/2019 2:56:01 PM



#62

4-Bromofluorobenzene

Concen: 51.292 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012069.D

Acq: 05 Sep 2019 00:06

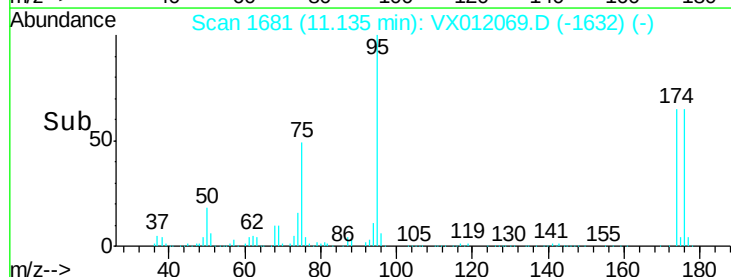
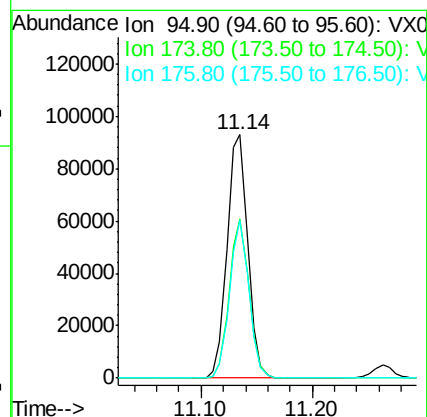
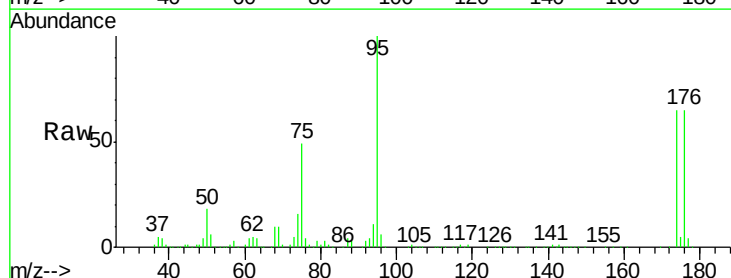
Tgt Ion: 95 Resp: 119548

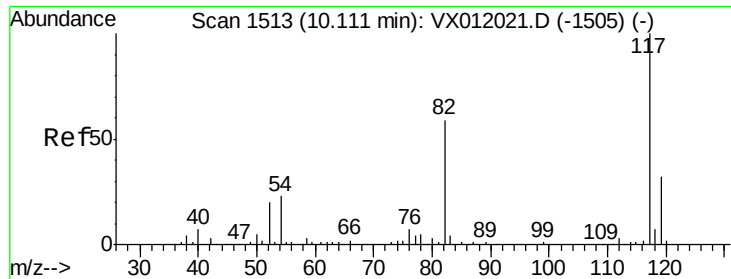
Ion Ratio Lower Upper

95 100

174 62.3 0.0 205.4

176 60.6 0.0 201.8





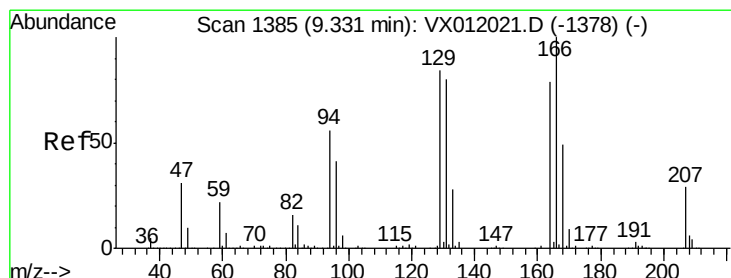
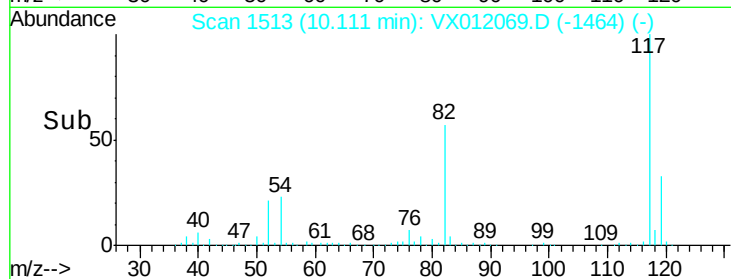
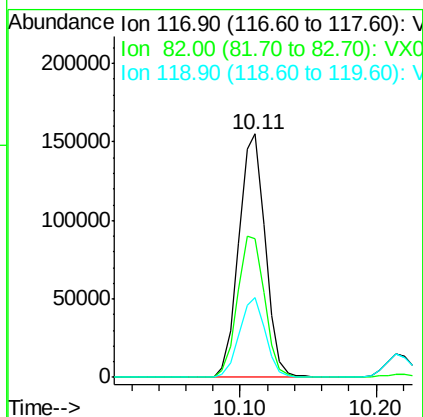
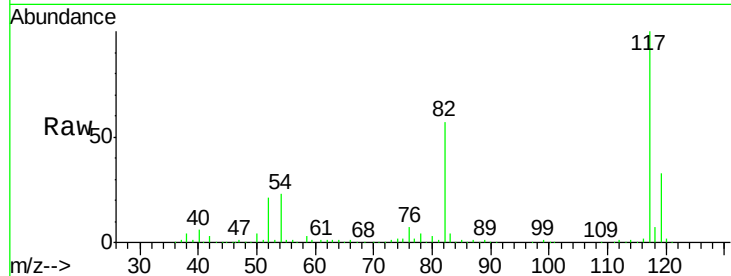
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012069.D
Acq: 05 Sep 2019 00:06

Instrument :
MSVOA_X
ClientSampleId :
VX0904SBS02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	209772		
82	56.9	39.4	59.0	
119	32.6	26.1	39.1	

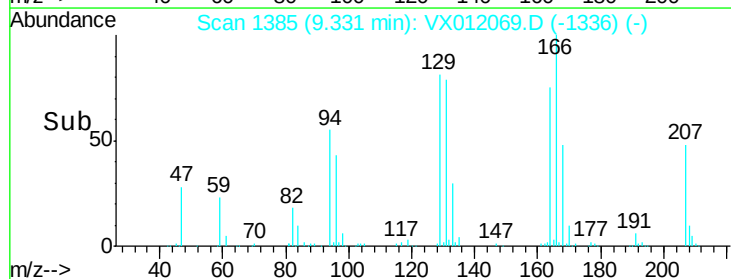
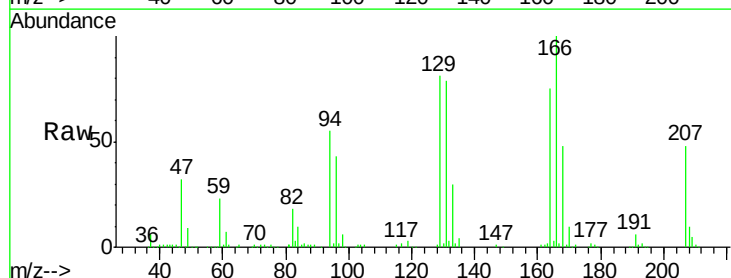
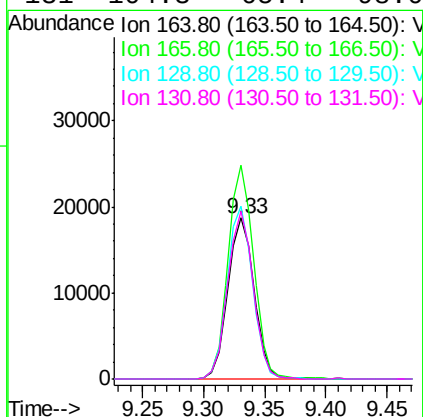
Manual Integrations
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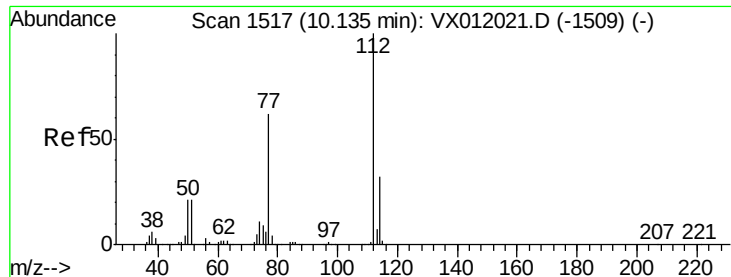
sam
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#64
Tetrachloroethene
Concen: 21.163 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012069.D
Acq: 05 Sep 2019 00:06

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	27677		
166	132.8	104.3	156.5	
129	107.7	68.3	102.5#	
131	104.3	65.4	98.0#	





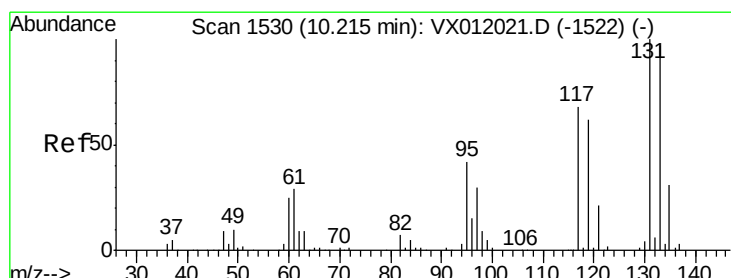
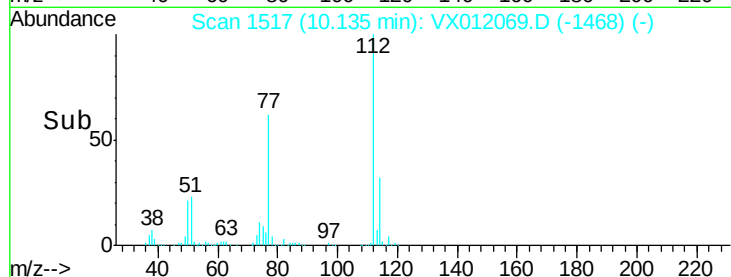
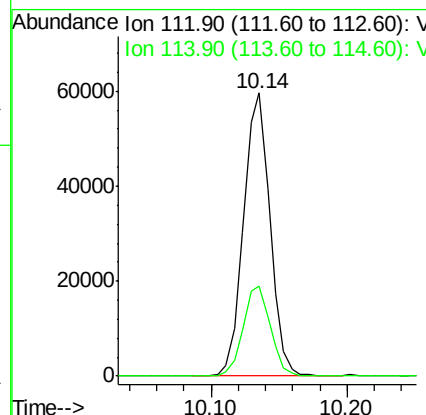
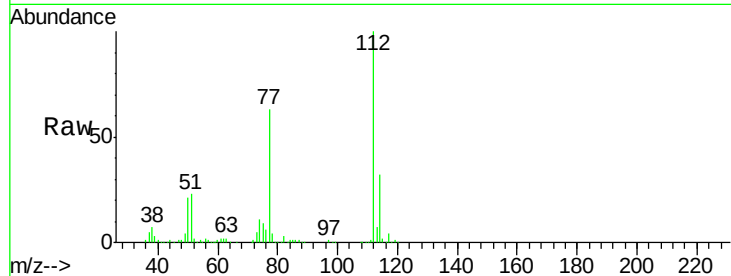
#65
Chlorobenzene
Concen: 19.516 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX012069.D
Acq: 05 Sep 2019 00:06

Instrument :
MSVOA_X
ClientSampleId :
VX0904SBS02

Tot Ion:112 Resp: 80775
Ion Ratio Lower Upper
112 100
114 31.9 26.2 39.2

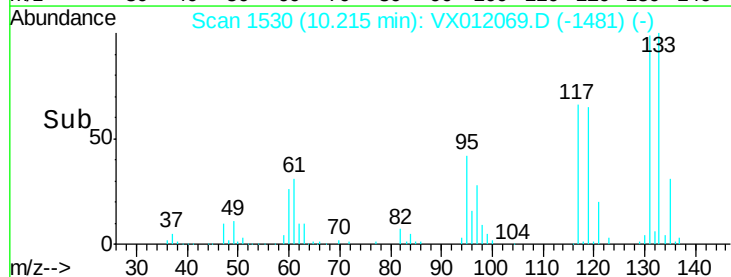
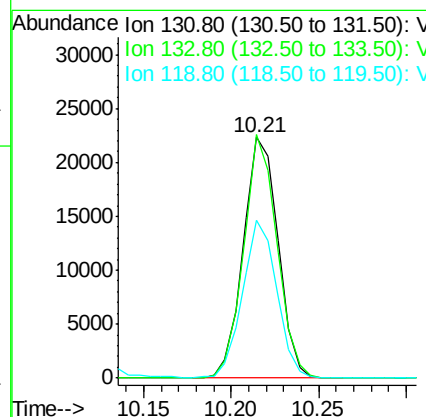
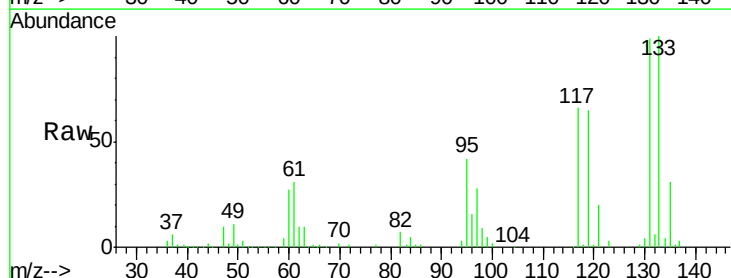
Manual Integrations
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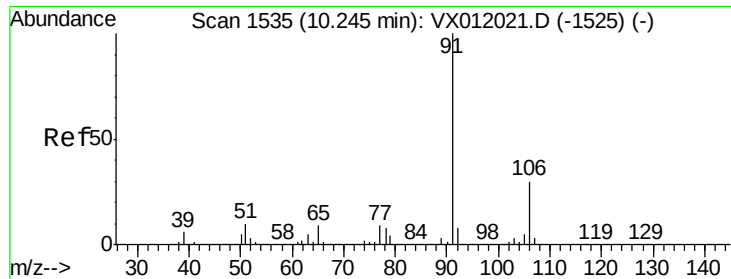
sam
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.456 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX012069.D
Acq: 05 Sep 2019 00:06

Tgt Ion:131 Resp: 30958
Ion Ratio Lower Upper
131 100
133 96.9 48.4 145.0
119 64.4 30.5 91.5





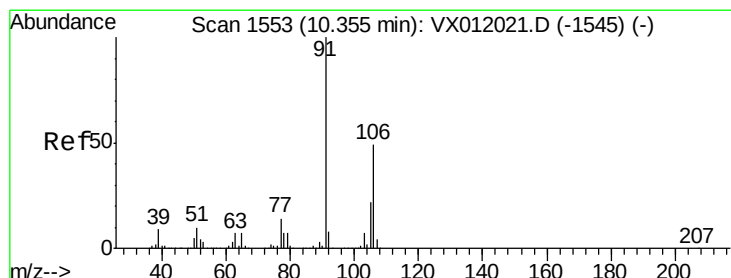
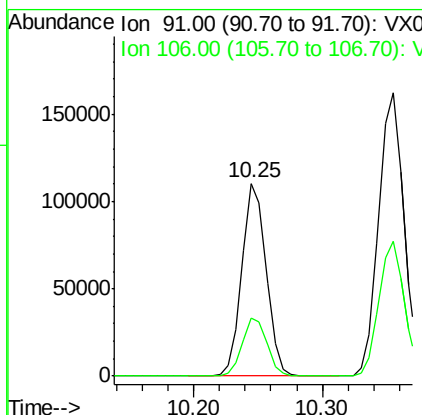
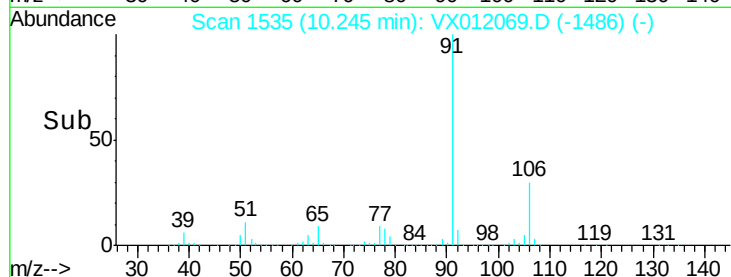
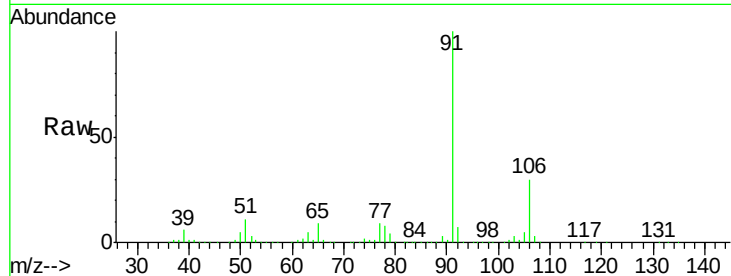
#67
Ethyl Benzene
Concen: 19.127 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX012069.D
Acq: 05 Sep 2019 00:06

Instrument :
MSVOA_X
ClientSampleId :
VX0904SBS02

Tot Ion: 91 Resp: 144300
Ion Ratio Lower Upper
91 100
106 29.9 25.8 38.8

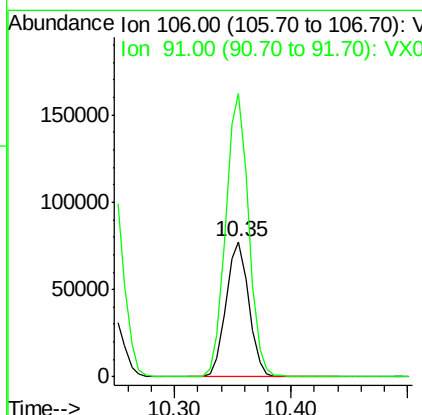
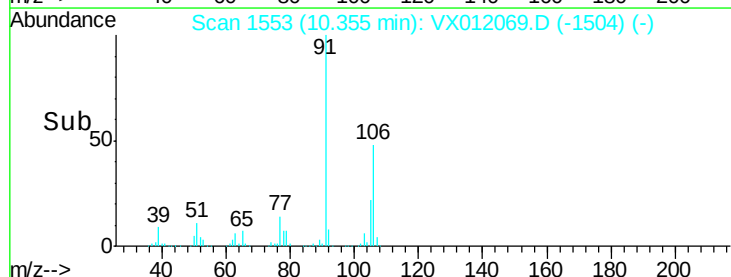
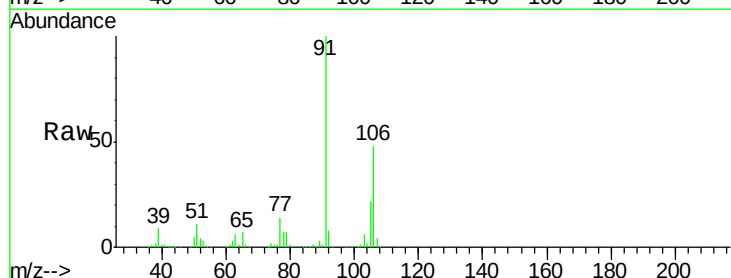
Manual Integrations
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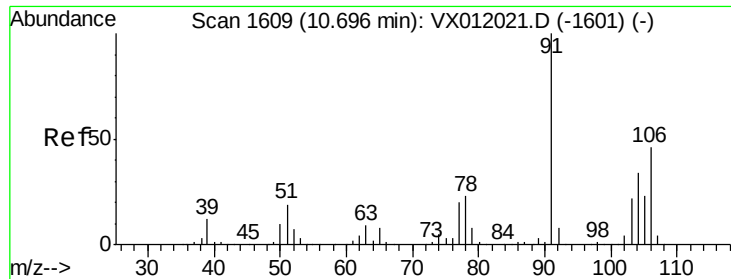
sam
9/5/2019 2:56:01 PM



#68
m/p-Xylenes
Concen: 37.952 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012069.D
Acq: 05 Sep 2019 00:06

Tgt Ion: 106 Resp: 105496
Ion Ratio Lower Upper
106 100
91 209.7 157.5 236.3





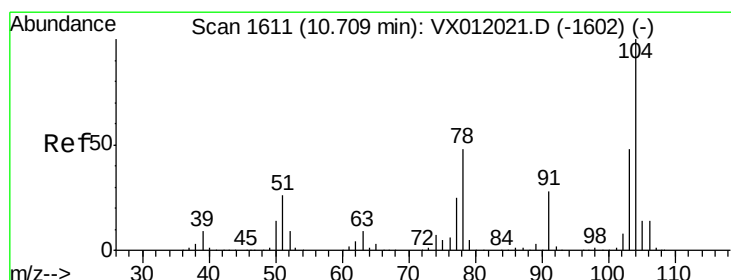
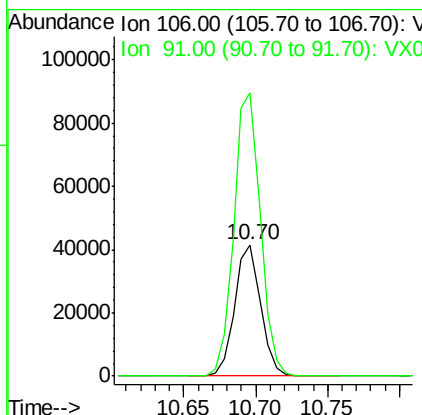
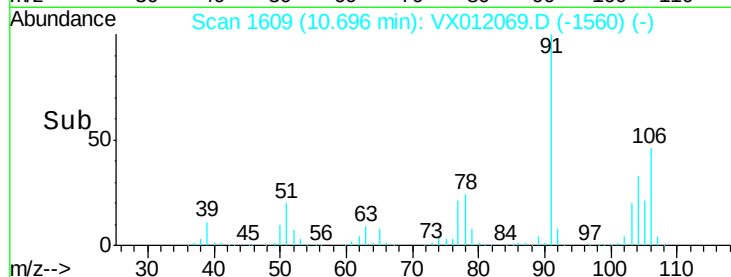
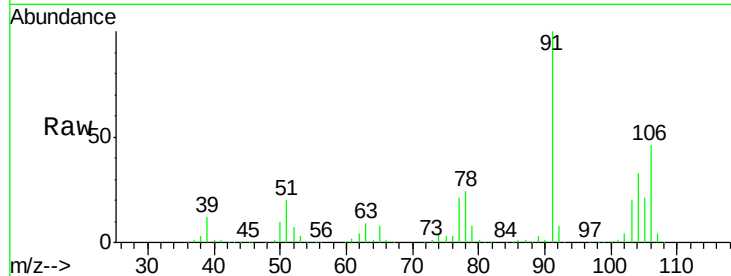
#69
o-Xylene
Concen: 19.416 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012069.D
Acq: 05 Sep 2019 00:06

Instrument :
MSVOA_X
ClientSampled :
VX0904SBS02

Tot Ion:106 Resp: 52334
Ion Ratio Lower Upper
106 100
91 221.8 103.5 310.3

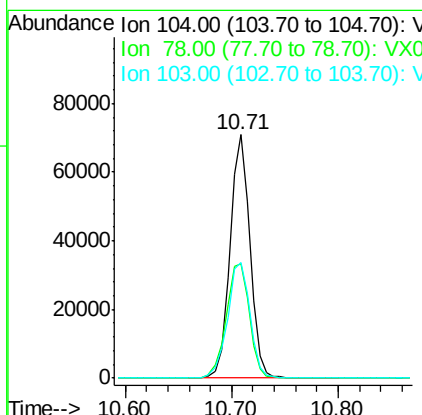
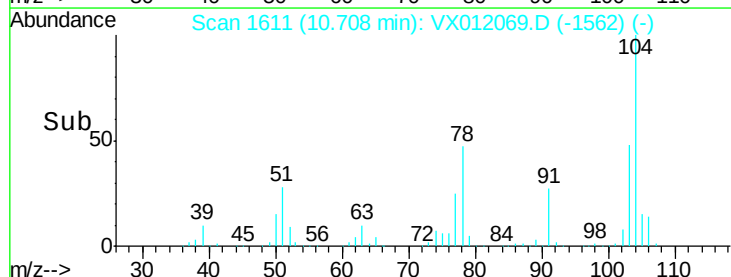
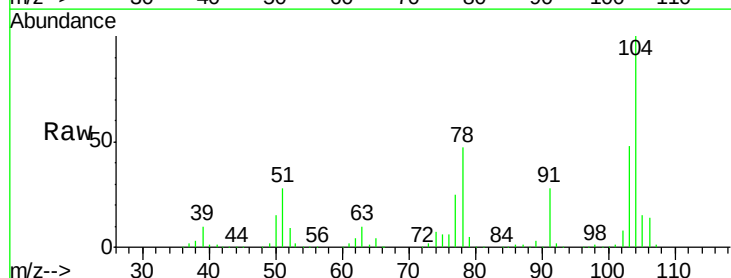
Manual Integrations
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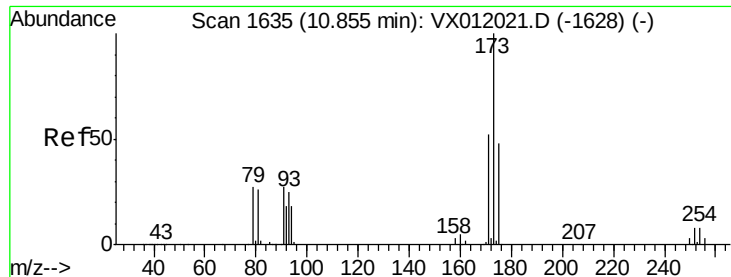
sam
9/5/2019 2:56:01 PM



#70
Styrene
Concen: 19.875 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012069.D
Acq: 05 Sep 2019 00:06

Tgt Ion:104 Resp: 93049
Ion Ratio Lower Upper
104 100
78 55.1 39.1 58.7
103 53.7 43.4 65.2





#71

Bromoform

Concen: 20.746 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX012069.D

Acq: 05 Sep 2019 00:06

Instrument :

MSVOA_X

ClientSampleId :

VX0904SBS02

Tot Ion:173 Resp: 17245

Ion Ratio Lower Upper

173 100

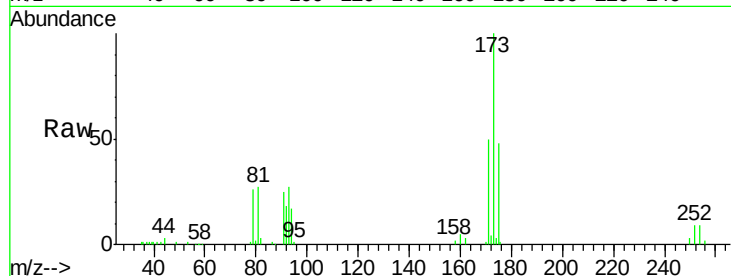
175 47.6 24.9 74.7

254 0.0 0.1 0.1#

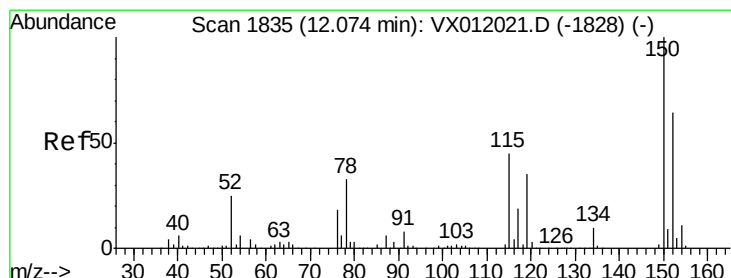
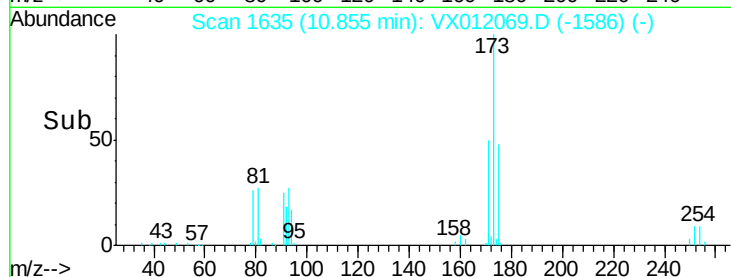
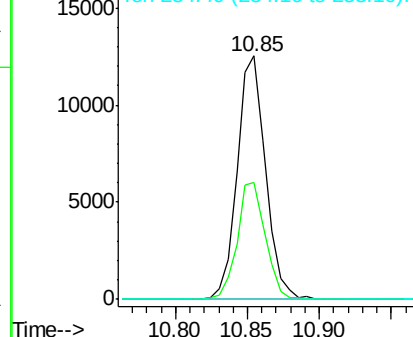
Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012069.D

Acq: 05 Sep 2019 00:06

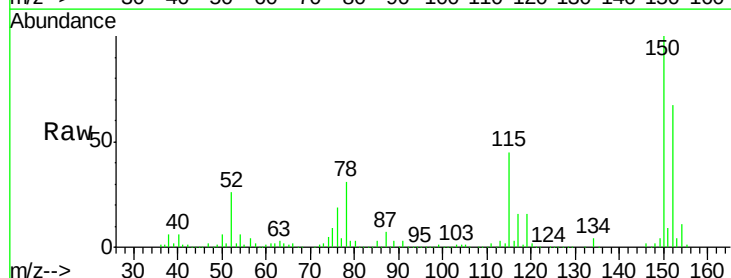
Tgt Ion:152 Resp: 101877

Ion Ratio Lower Upper

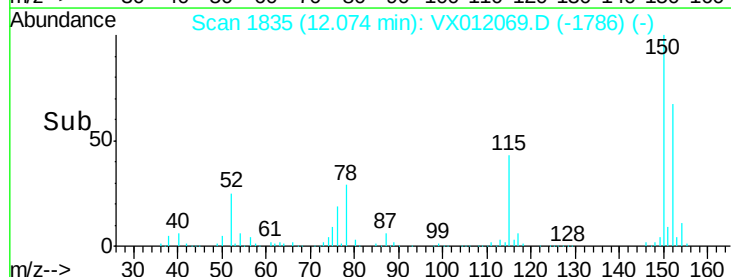
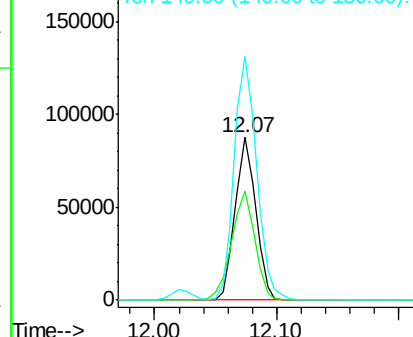
152 100

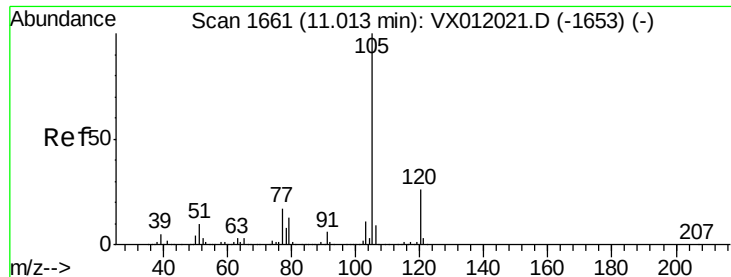
115 75.5 36.4 109.3

150 163.0 0.0 341.2



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





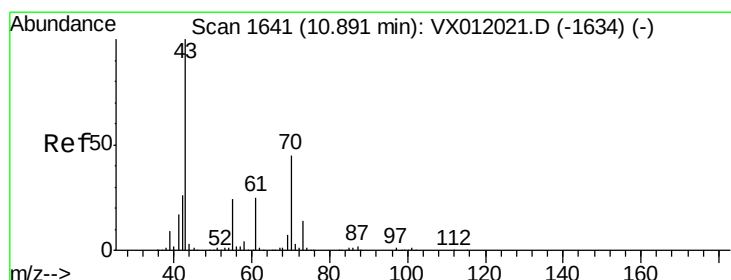
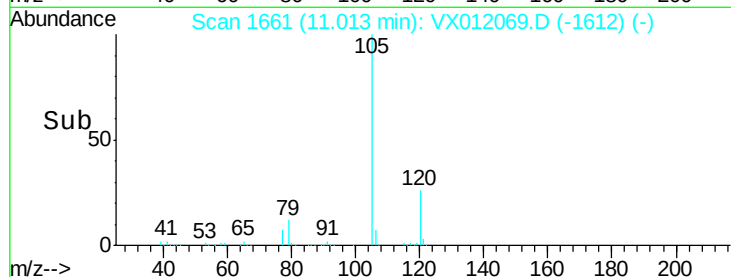
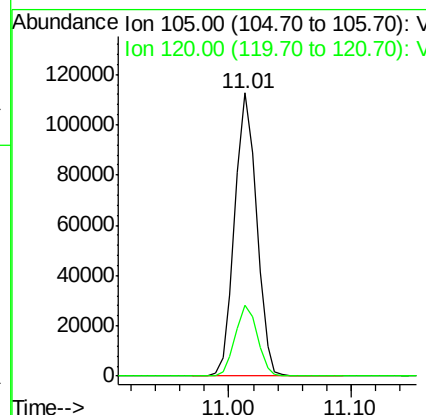
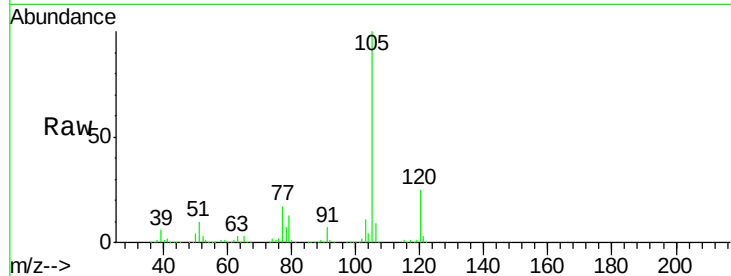
#73
Isopropylbenzene
Concen: 18.601 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX012069.D
Acq: 05 Sep 2019 00:06

Instrument :
MSVOA_X
ClientSampleId :
VX0904SBS02

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.4	13.9	41.6

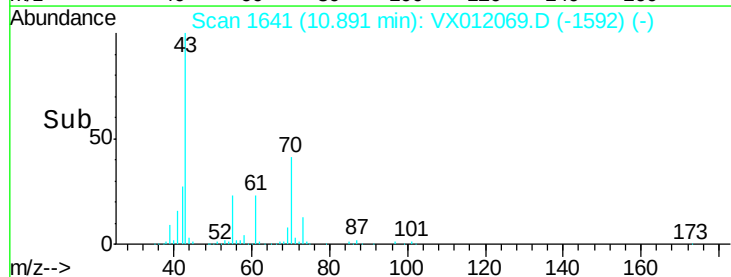
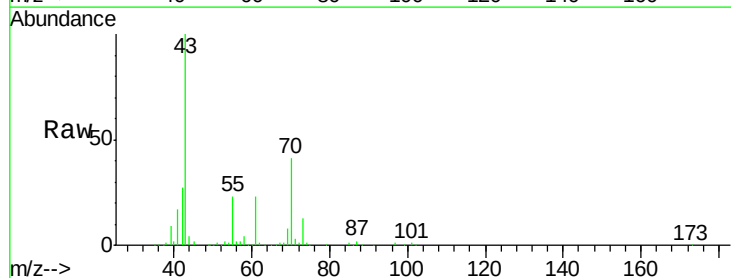
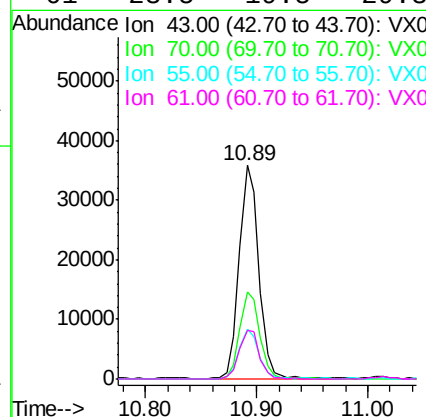
Manual Integrations
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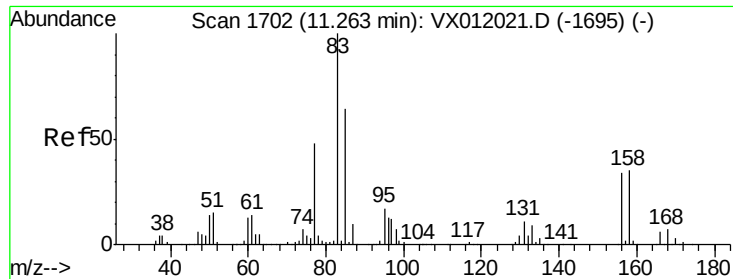
sam
9/5/2019 2:56:01 PM



#74
N-ethyl acetate
Concen: 19.979 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. -0.00 min
Lab File: VX012069.D
Acq: 05 Sep 2019 00:06

Tgt Ion	Ratio	Lower	Upper
43	100		
70	41.7	34.4	51.6
55	23.6	18.5	27.7
61	23.5	19.5	29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 20.781 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012069.D

Acq: 05 Sep 2019 00:06

Instrument :

MSVOA_X

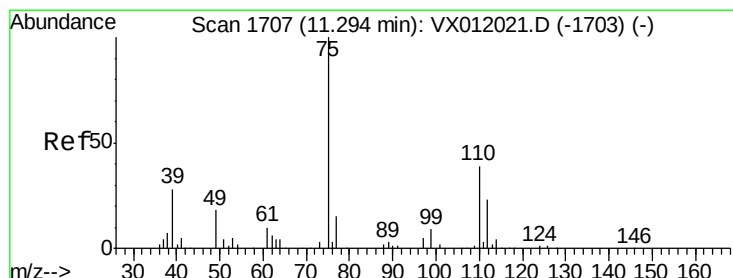
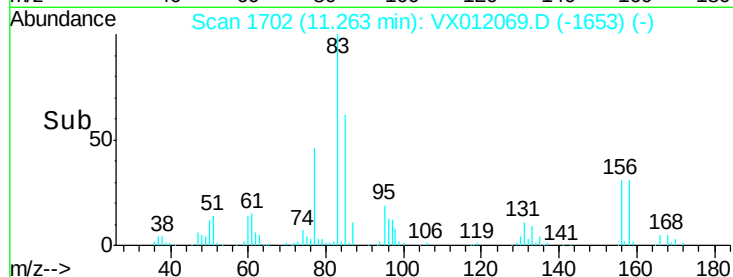
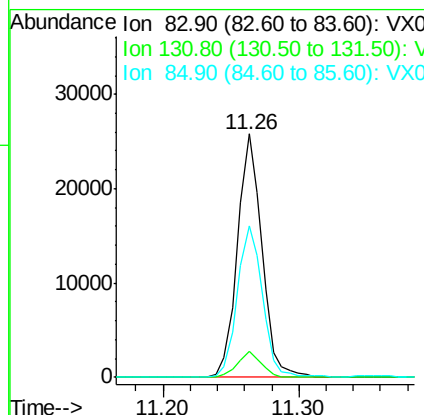
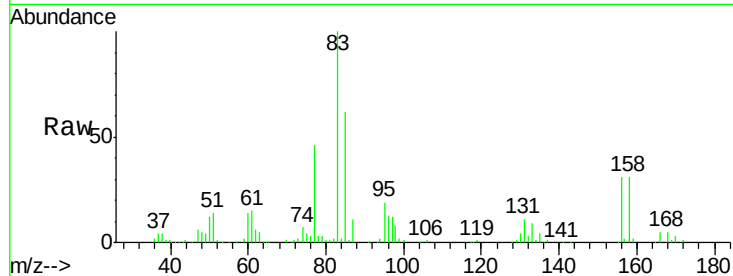
ClientSampleId :

VX0904SBS02

Tot Ion:	83	Resp:	32384
Ion Ratio	Lower	Upper	
83	100		
131	10.3	6.3	19.1
85	64.0	32.5	97.4

Manual Integrations
APPROVED

sam
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#76

1,2,3-Trichloropropane

Concen: 20.253 ug/l m

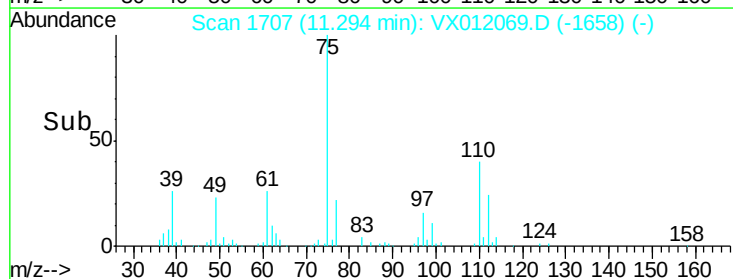
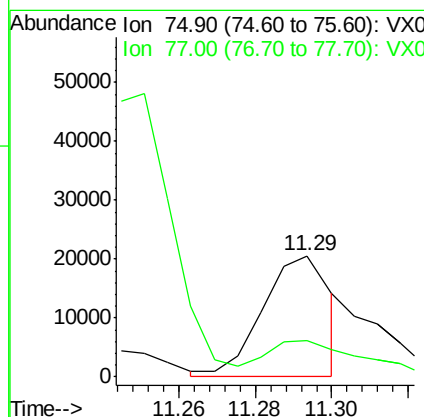
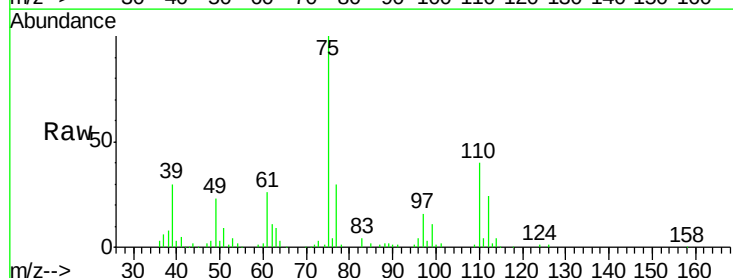
RT: 11.29 min Scan# 1707

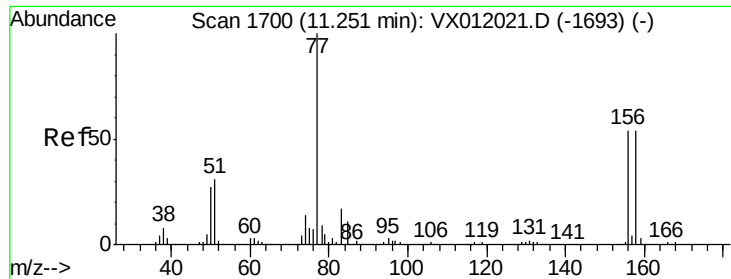
Delta R.T. -0.00 min

Lab File: VX012069.D

Acq: 05 Sep 2019 00:06

Tgt Ion:	75	Resp:	25210
Ion Ratio	Lower	Upper	
75	100		
77	42.8	23.5	70.5





#77

Bromobenzene

Concen: 19.889 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012069.D

Acq: 05 Sep 2019 00:06

Instrument :

MSVOA_X

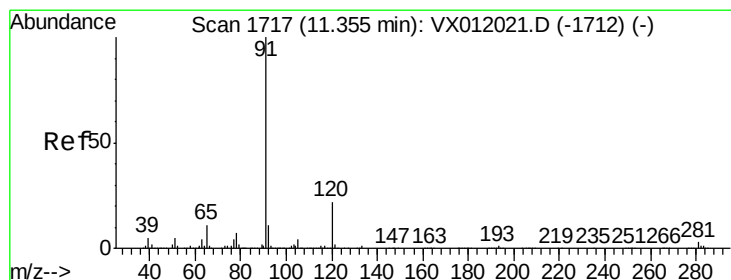
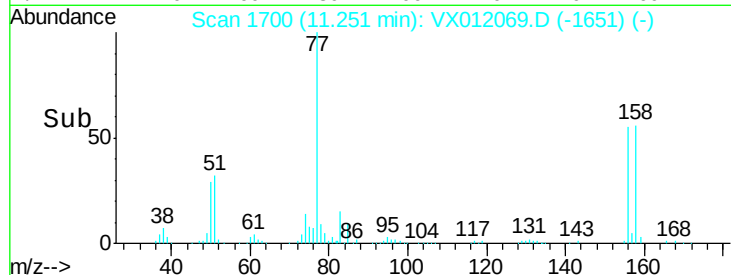
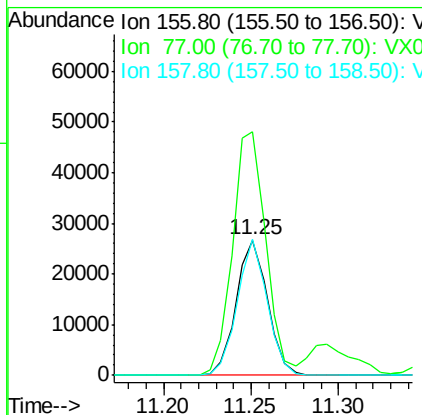
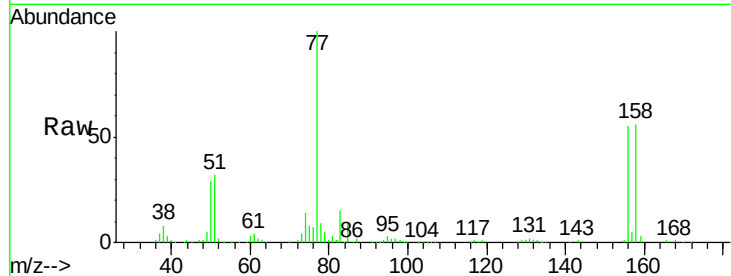
ClientSampleId :

VX0904SBS02

Tot Ion:156 Resp: 33250
 Ion Ratio Lower Upper
 156 100
 77 191.0 63.4 190.2#
 158 96.5 48.9 146.6

Manual Integrations
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#78

n-propylbenzene

Concen: 18.153 ug/l

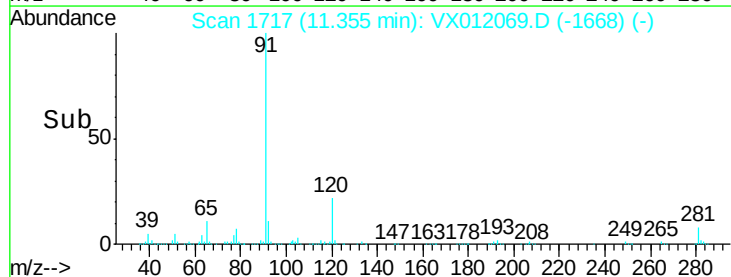
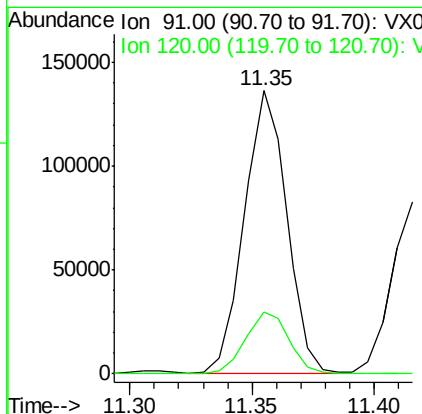
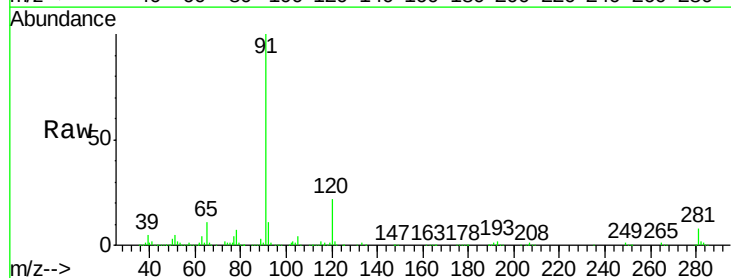
RT: 11.35 min Scan# 1717

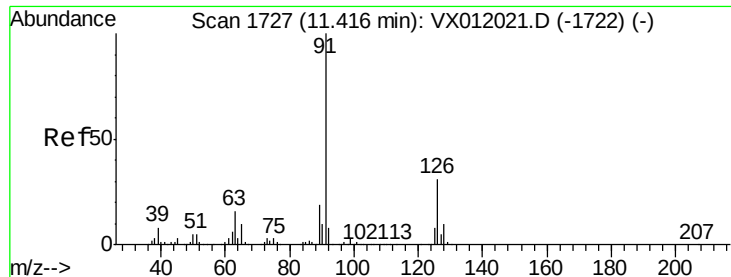
Delta R.T. -0.00 min

Lab File: VX012069.D

Acq: 05 Sep 2019 00:06

Tgt Ion: 91 Resp: 163933
 Ion Ratio Lower Upper
 91 100
 120 22.7 12.7 38.0





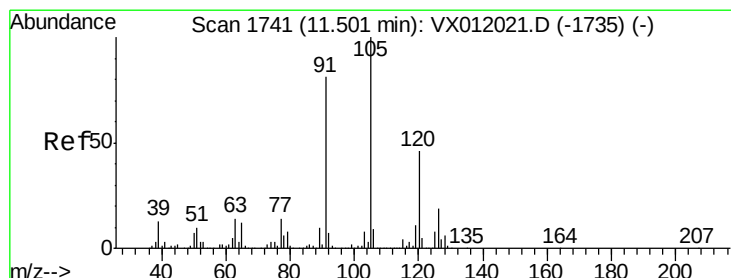
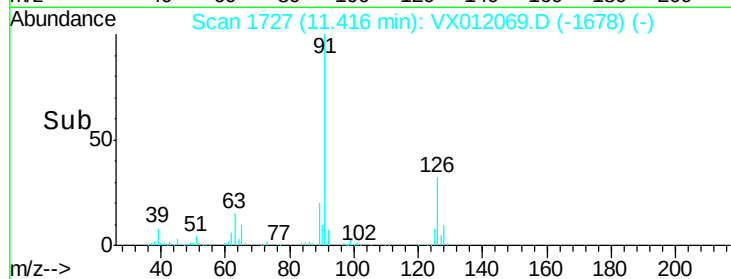
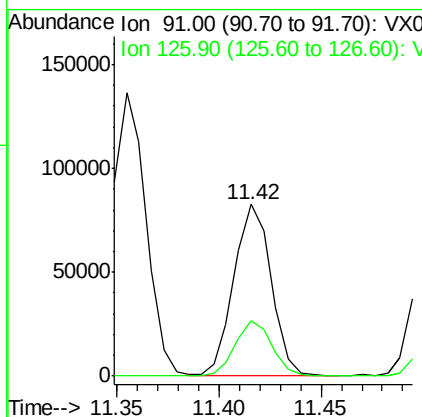
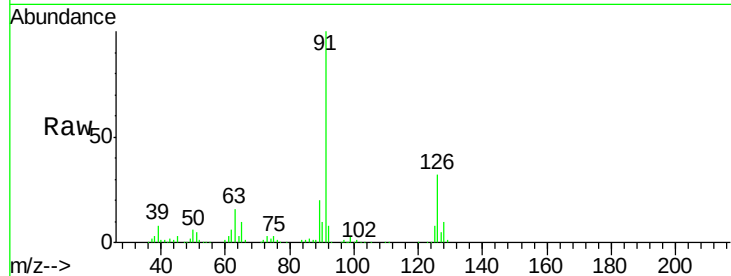
#79
 2-Chlorotoluene
 Concen: 19.104 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX012069.D
 Acq: 05 Sep 2019 00:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904SBS02

Tot Ion	Ratio	Lower	Upper
91	100		
126	31.7	18.6	55.8

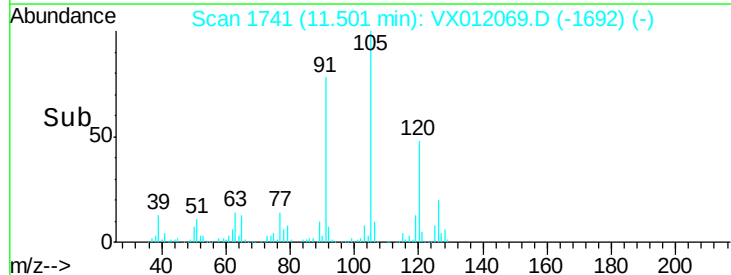
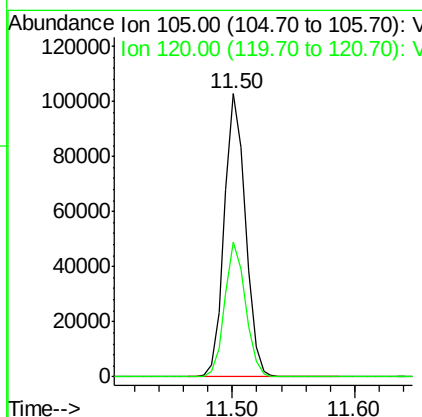
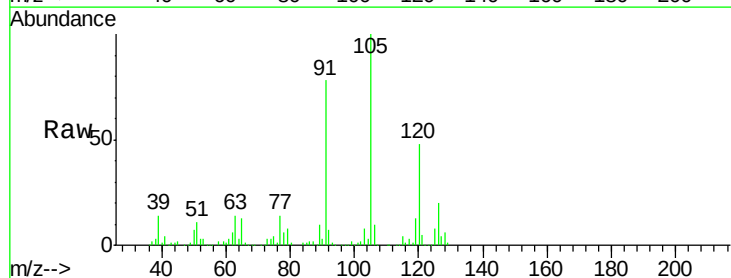
Manual Integrations
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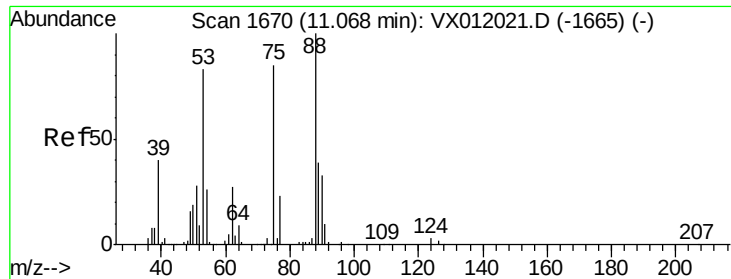
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#80
 1,3,5-Trimethylbenzene
 Concen: 18.752 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX012069.D
 Acq: 05 Sep 2019 00:06

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.8	25.8	77.3





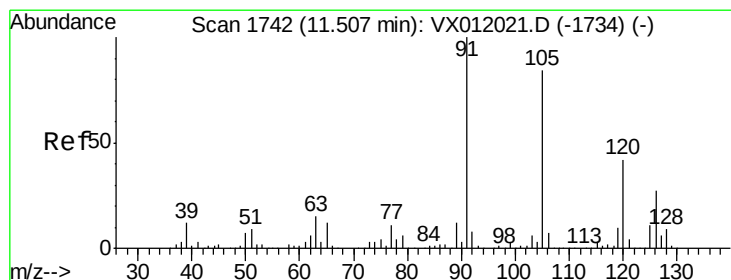
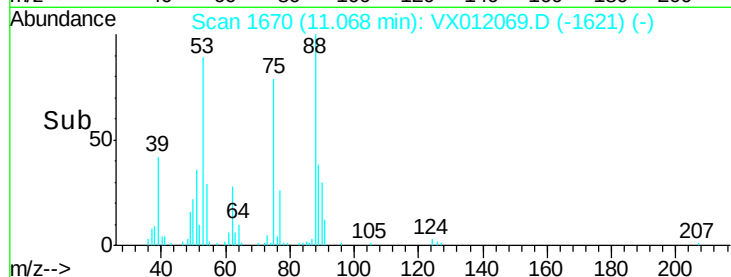
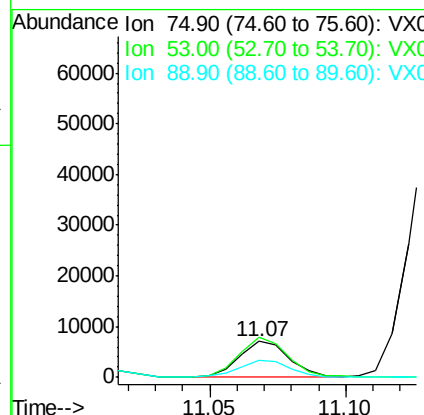
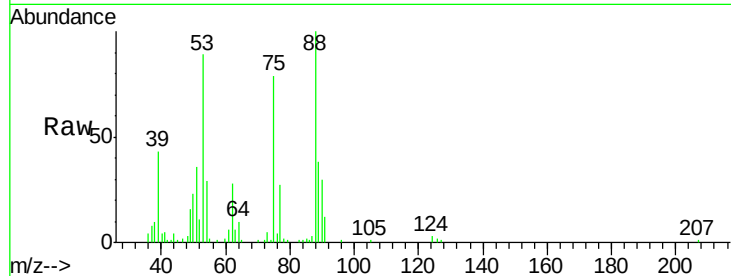
#81
trans-1,4-Dichloro-2-butene
Concen: 17.192 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX012069.D
Acq: 05 Sep 2019 00:06

Instrument :
MSVOA_X
ClientSampleId :
VX0904SBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	111.7	78.6	117.8
89	48.5	38.8	58.2

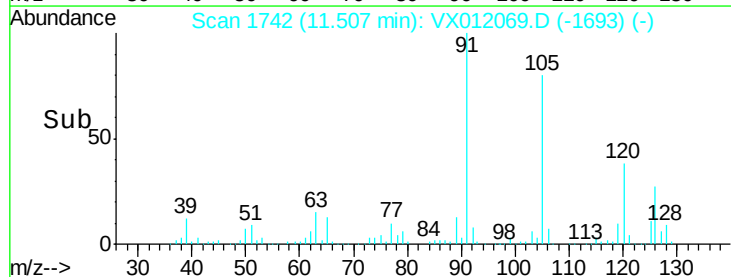
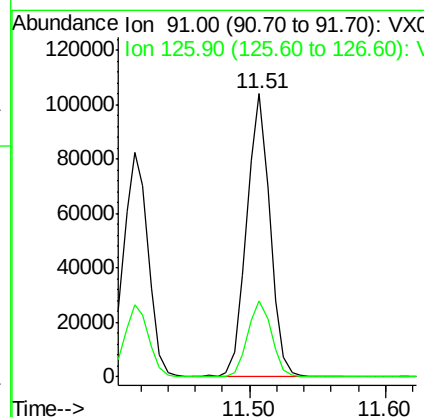
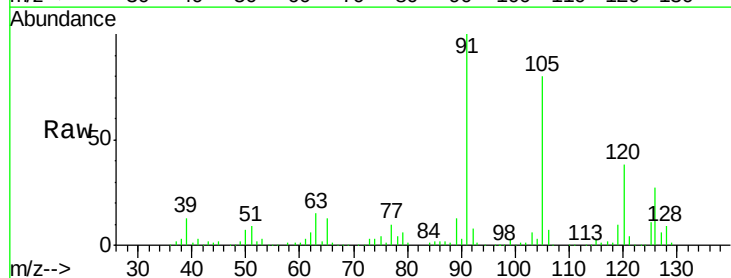
Manual Integrations
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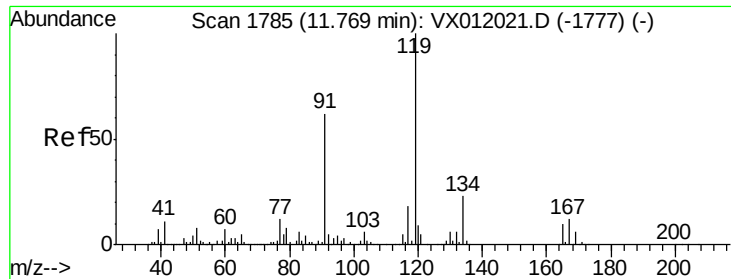
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#82
4-Chlorotoluene
Concen: 18.965 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX012069.D
Acq: 05 Sep 2019 00:06

Tgt Ion	Ratio	Lower	Upper
91	100		
126	27.8	16.2	48.6





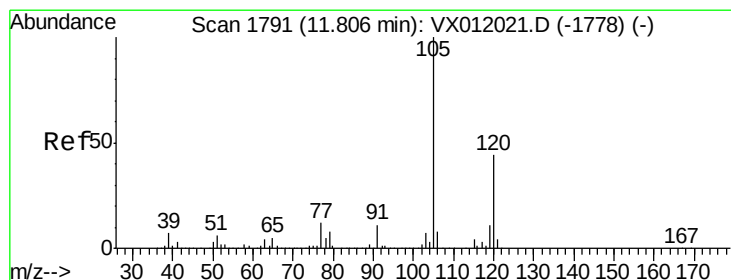
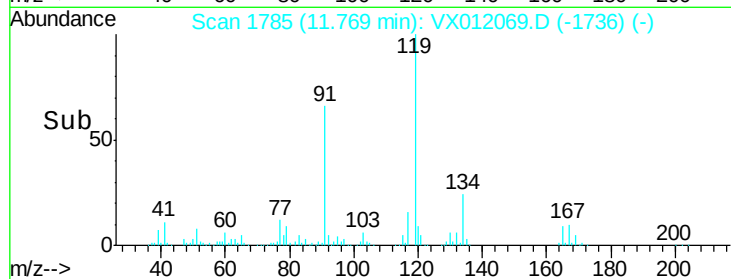
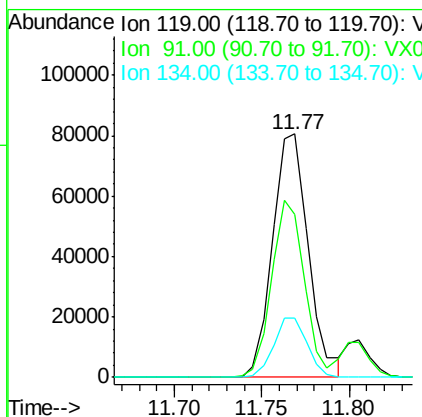
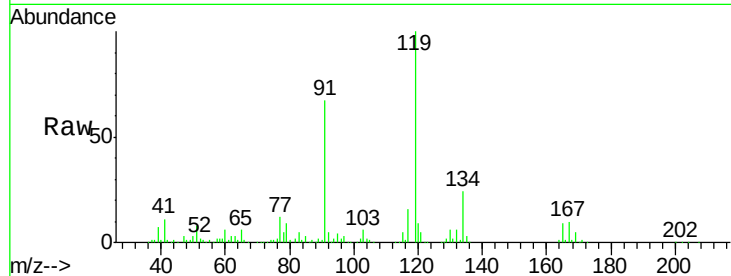
#83
 tert-Butylbenzene
 Concen: 18.492 ug/l
 RT: 11.77 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: VX012069.D
 Acq: 05 Sep 2019 00:06

Instrument :
 MSVOA_X
 ClientSampled :
 VX0904SBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	115456		
91	66.6	27.1	81.2	
134	22.8	12.1	36.3	

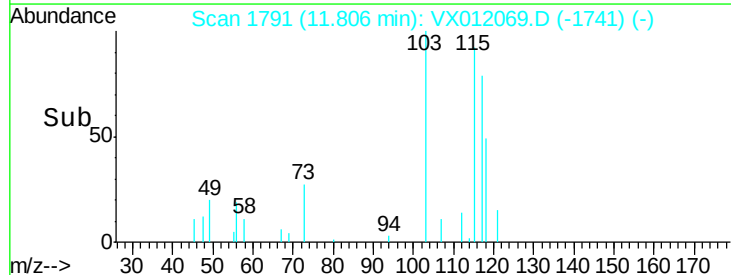
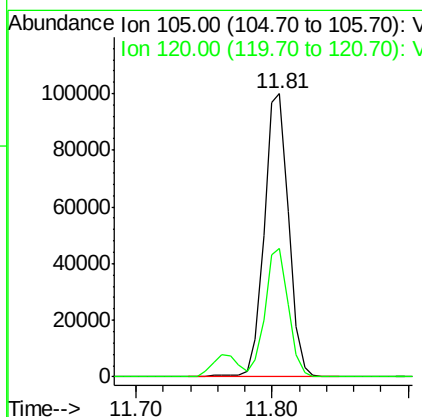
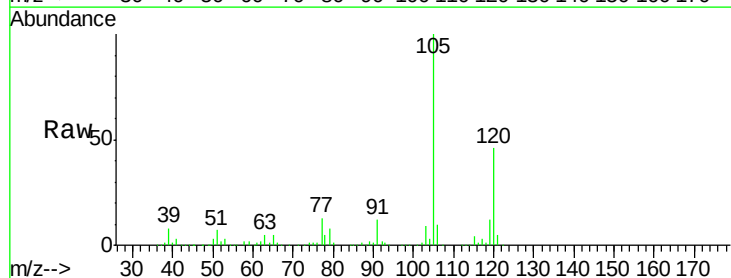
Manual Integrations
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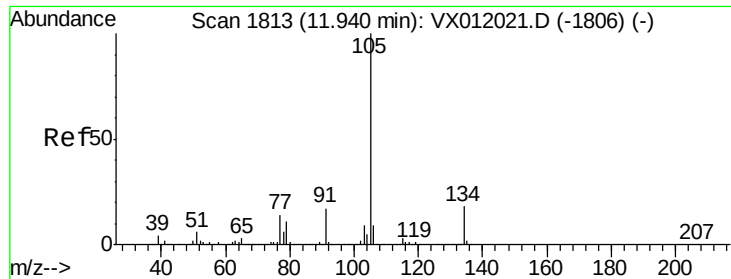
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#84
 1,2,4-Trimethylbenzene
 Concen: 18.757 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.01 min
 Lab File: VX012069.D
 Acq: 05 Sep 2019 00:06

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	126281		
120	43.6	23.6	70.8	





#85

sec-Butylbenzene

Concen: 17.990 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX012069.D

Acq: 05 Sep 2019 00:06

Instrument :

MSVOA_X

ClientSampleId :

VX0904SBS02

Tot Ion:105 Resp: 139510

Ion Ratio Lower Upper

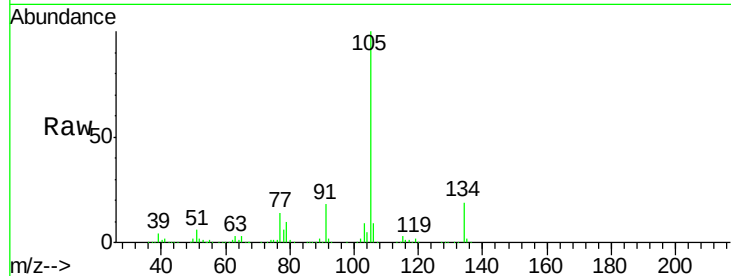
105 100

134 18.9 11.2 33.6

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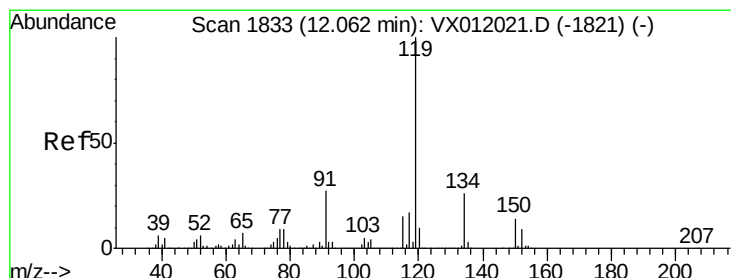
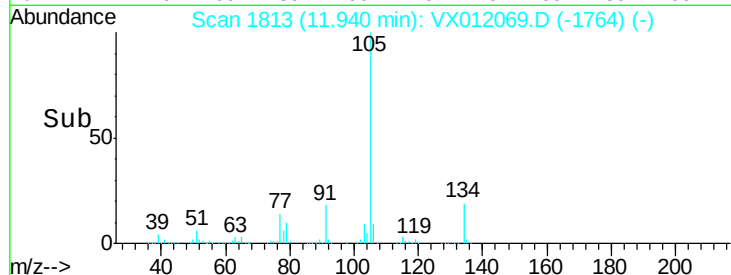
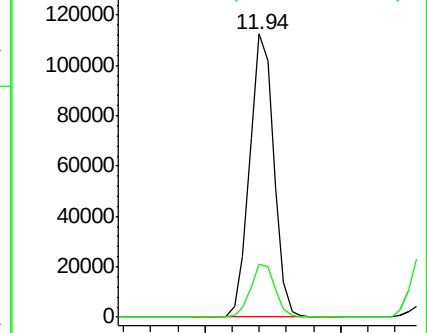
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 17.959 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX012069.D

Acq: 05 Sep 2019 00:06

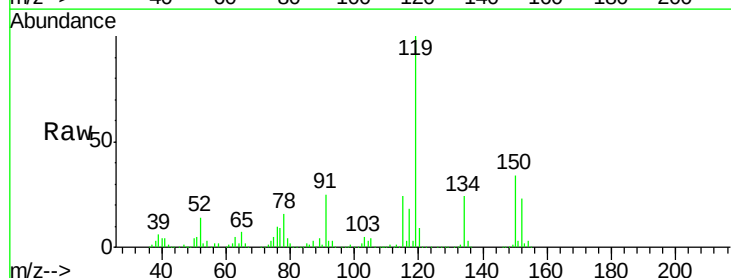
Tgt Ion:119 Resp: 126655

Ion Ratio Lower Upper

119 100

134 25.1 13.7 41.1

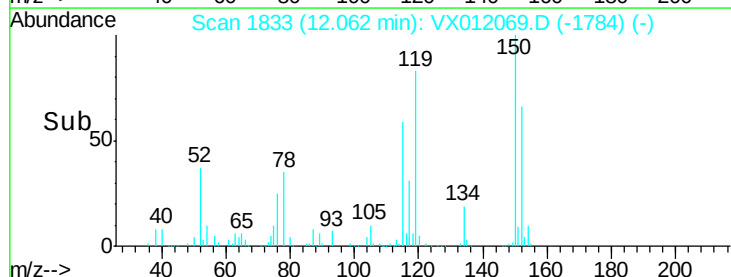
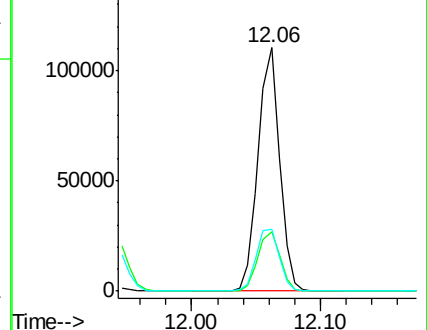
91 27.5 11.4 34.1

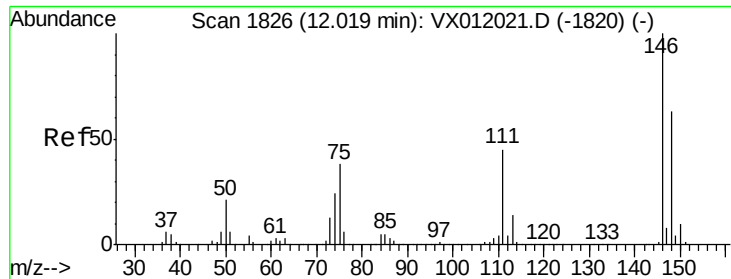


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





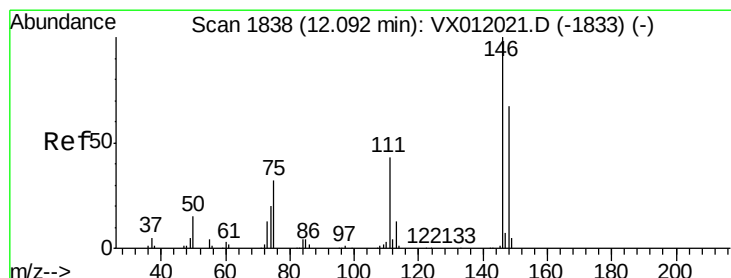
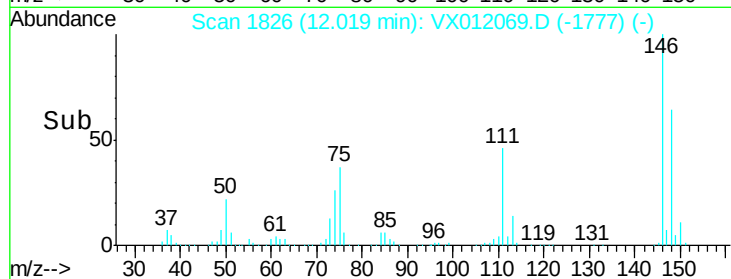
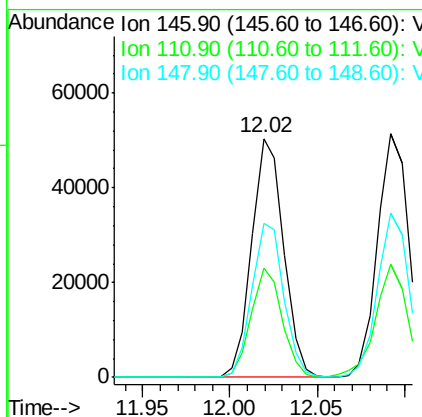
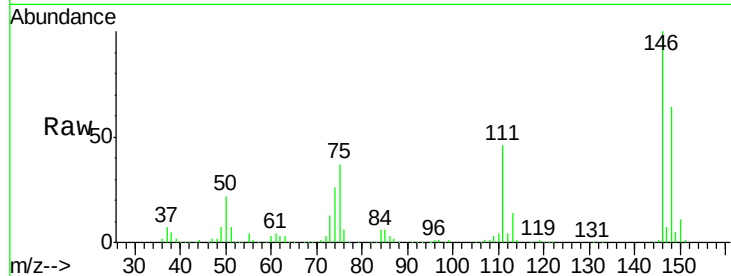
#87
 1,3-Dichlorobenzene
 Concen: 19.095 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX012069.D
 Acq: 05 Sep 2019 00:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904SBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.9	18.1	54.1
148	64.8	32.6	97.8

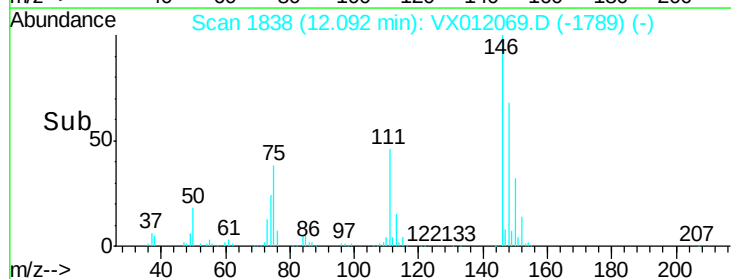
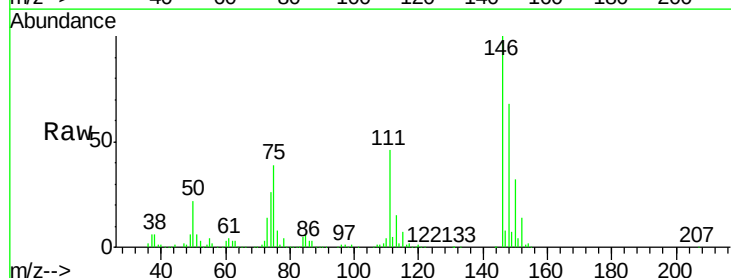
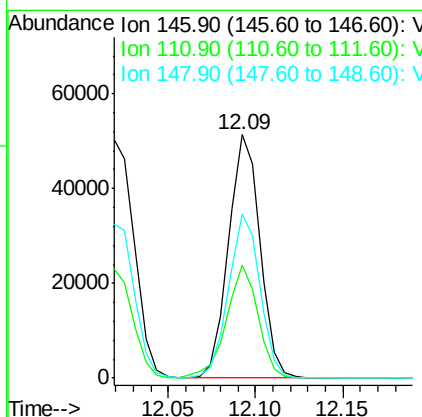
Manual Integrations
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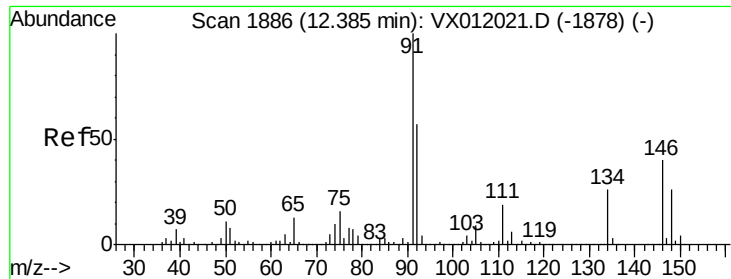
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#88
 1,4-Dichlorobenzene
 Concen: 19.220 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012069.D
 Acq: 05 Sep 2019 00:06

Tgt Ion	Ratio	Lower	Upper
146	100		
111	46.2	17.7	53.1
148	67.3	32.4	97.0





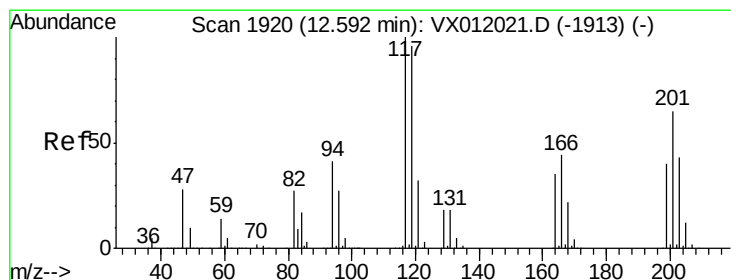
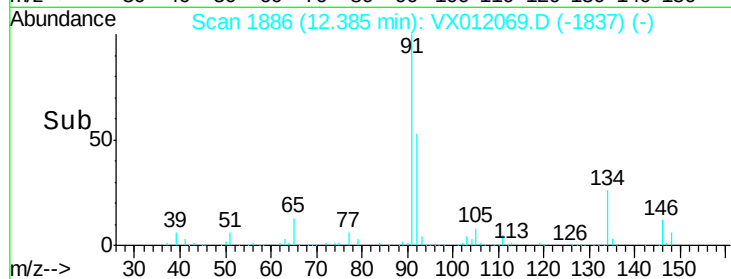
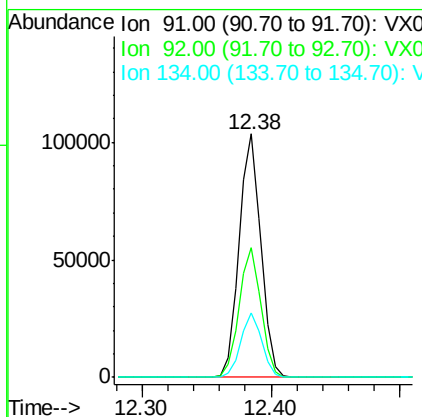
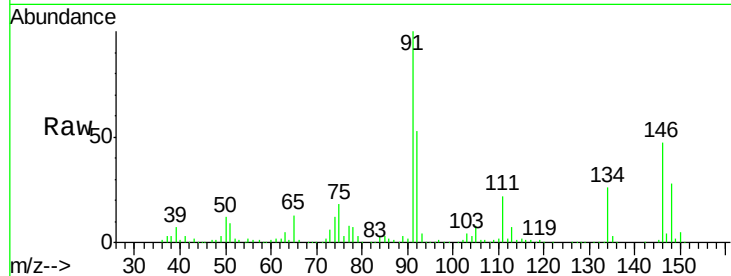
#89
n-Butylbenzene
Concen: 17.689 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX012069.D
Acq: 05 Sep 2019 00:06

Instrument :
MSVOA_X
ClientSampled :
VX0904SBS02

Tot Ion	Ratio	Resp	Lower	Upper
91	100	121188		
92	53.6	27.6	82.8	
134	25.5	15.4	46.1	

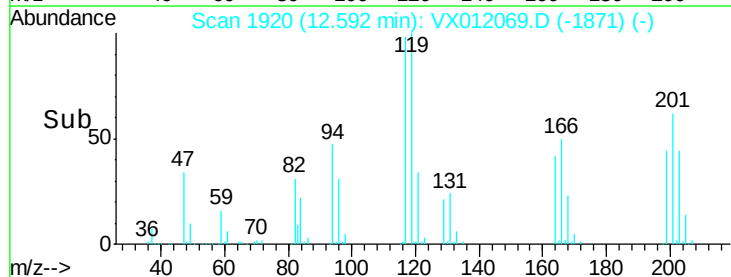
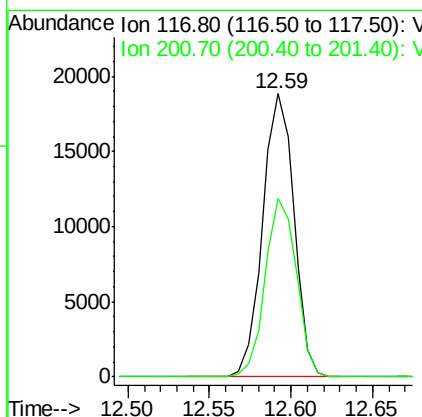
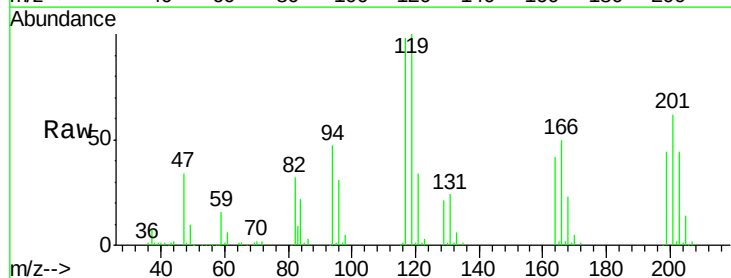
Manual Integrations
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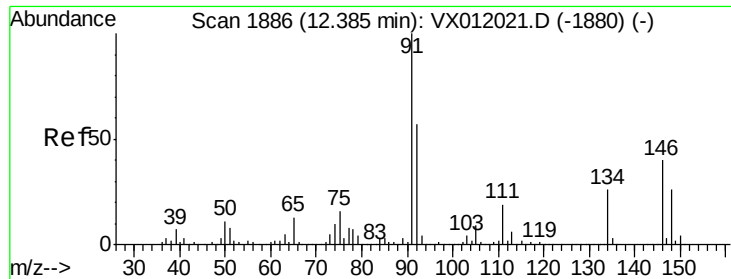
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#90
Hexachloroethane
Concen: 17.814 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX012069.D
Acq: 05 Sep 2019 00:06

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	25085		
201	62.9	55.0	165.2	





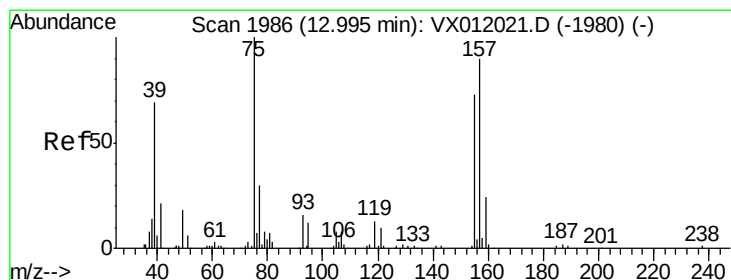
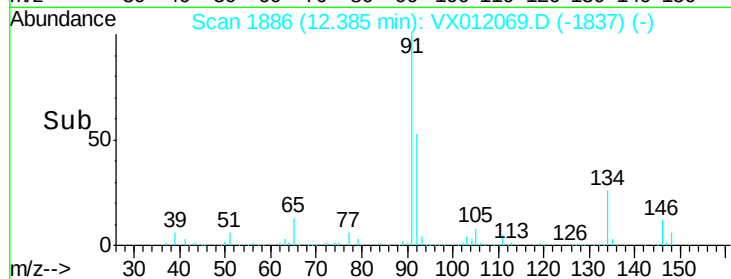
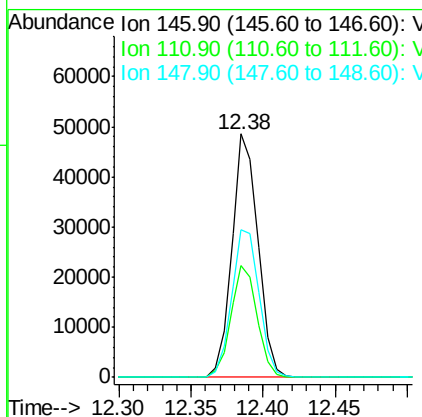
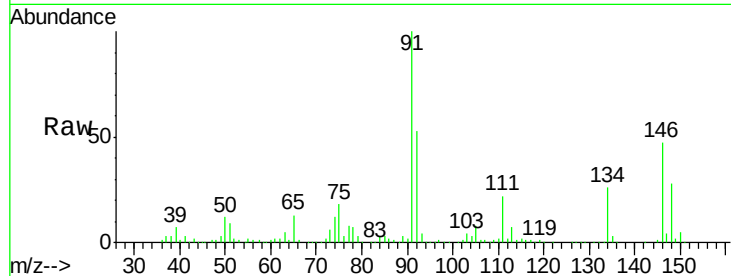
#91
 1,2-Dichlorobenzene
 Concen: 20.448 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012069.D
 Acq: 05 Sep 2019 00:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904SBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	46.1	18.6	56.0
148	63.9	32.4	97.2

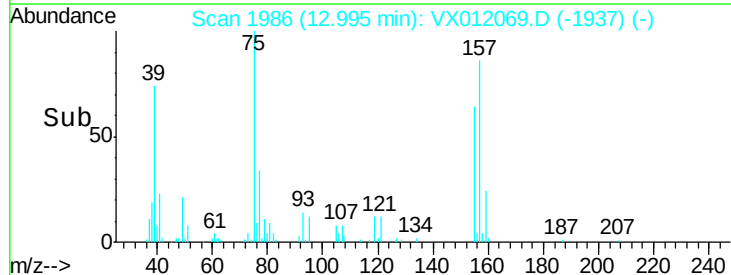
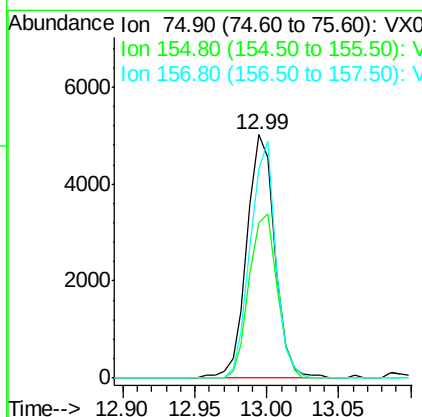
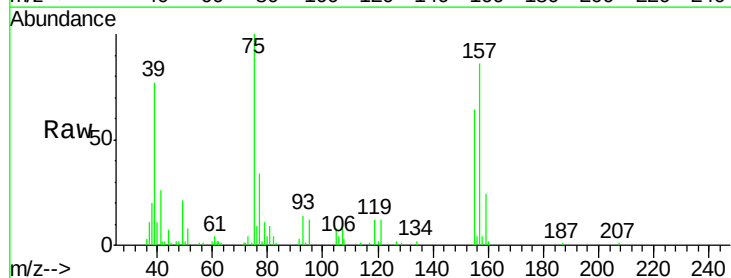
Manual Integrations
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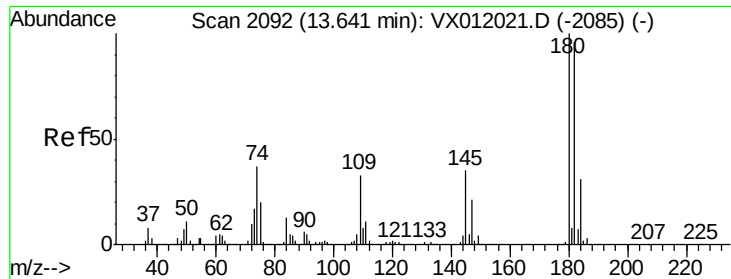
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.700 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX012069.D
 Acq: 05 Sep 2019 00:06

Tgt Ion	Ratio	Lower	Upper
75	100		
155	66.8	51.7	155.2
157	87.4	66.9	200.7





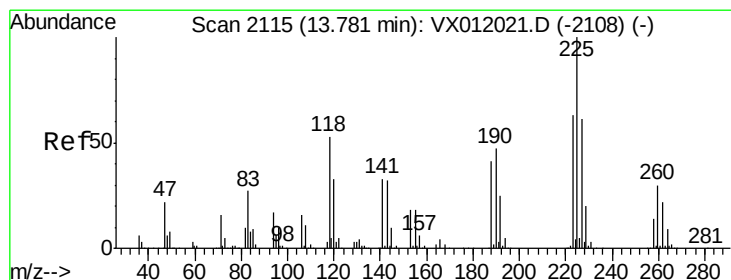
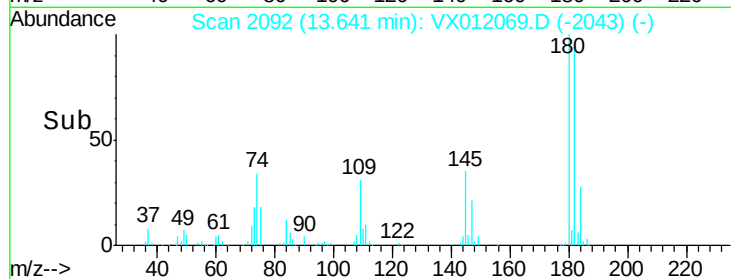
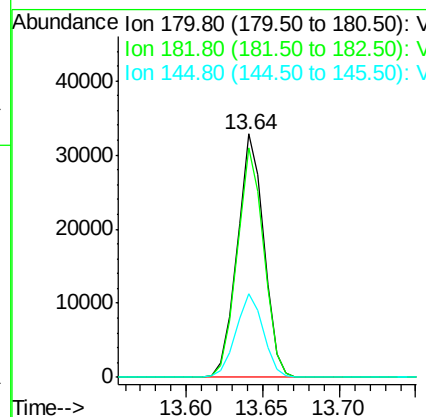
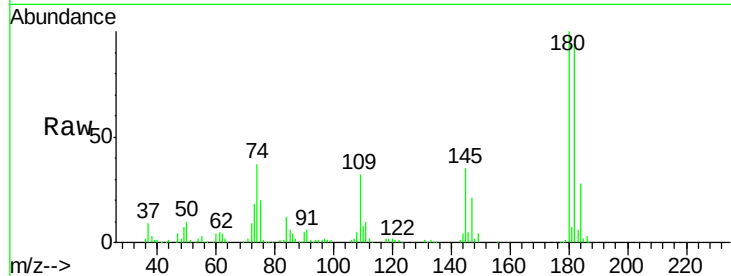
#93
 1,2,4-Trichlorobenzene
 Concen: 18.379 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012069.D
 Acq: 05 Sep 2019 00:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904SBS02

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.3	142.0
145	35.4	13.7	41.0

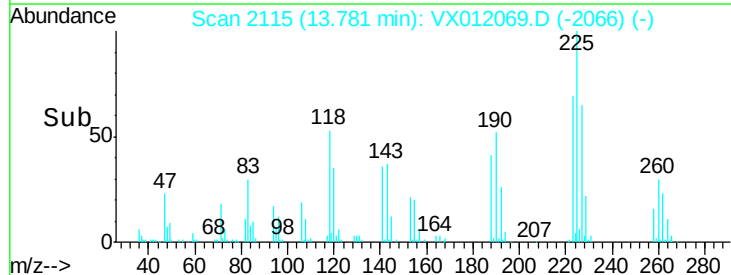
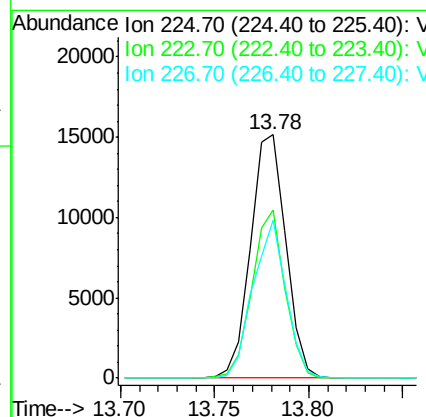
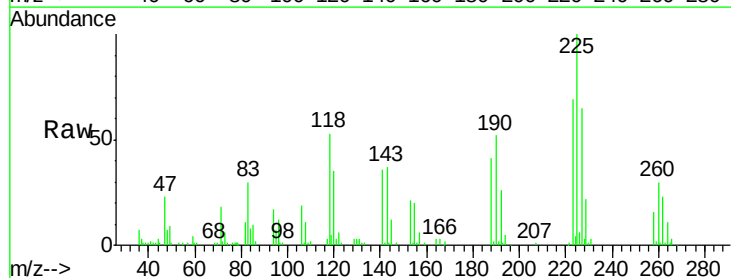
Manual Integrations
 APPROVED

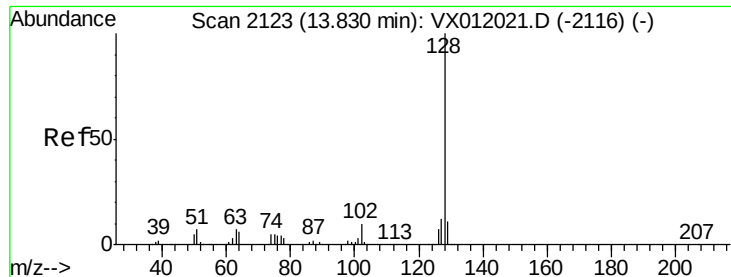
sam
 9/5/2019 2:56:01 PM



#94
 Hexachlorobutadiene
 Concen: 18.097 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VX012069.D
 Acq: 05 Sep 2019 00:06

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.1	31.6	95.0
227	61.1	32.5	97.5





#95

Naphthalene

Concen: 19.864 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX012069.D

Acq: 05 Sep 2019 00:06

Instrument :

MSVOA_X

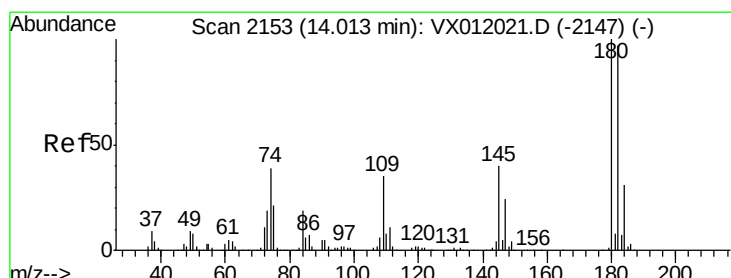
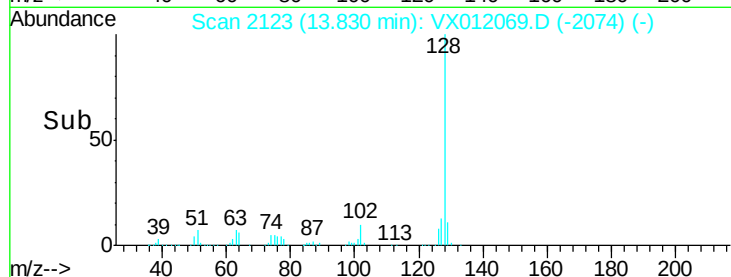
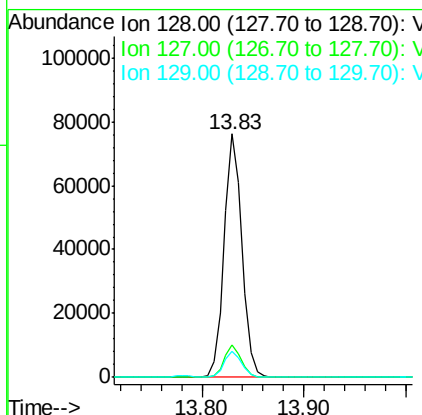
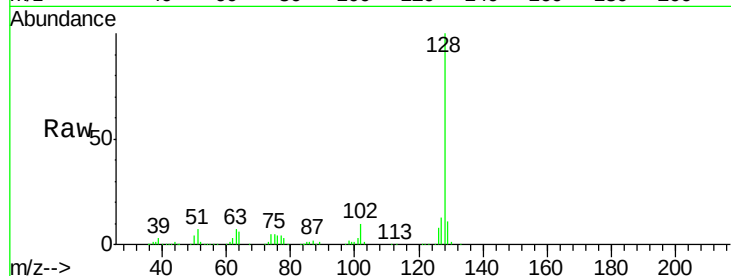
ClientSampled :

VX0904SBS02

Tot Ion:	128	Resp:	92320
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.5	15.7
129	10.8	8.8	13.2

Manual Integrations
APPROVED

sam
9/5/2019 2:56:01 PM



#96

1,2,3-Trichlorobenzene

Concen: 19.165 ug/l

RT: 14.02 min Scan# 2154

Delta R.T. -0.00 min

Lab File: VX012069.D

Acq: 05 Sep 2019 00:06

Tgt Ion:	180	Resp:	36206
Ion Ratio	Lower	Upper	
180	100		
182	94.4	47.9	143.6
145	37.0	14.1	42.4

