

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100319\
 Data File : VX012799.D
 Acq On : 03 Oct 2019 21:16
 Operator : JC/SP
 Sample : K5157-04MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0539MSD

Manual Integrations
 APPROVED

MMDadoda
 10/4/2019 9:19:25 AM

Quant Time: Oct 04 07:51:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	161449	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	278669	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	249813	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	114862	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	113272	48.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.36%	
35) Dibromofluoromethane	5.49	113	88075	53.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.14%	
50) Toluene-d8	8.71	98	323489	50.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.22%	
62) 4-Bromofluorobenzene	11.13	95	126730	50.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.86%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	70171	38.635	ug/l	99
3) Chloromethane	1.32	50	85005	40.758	ug/l	99
4) Vinyl Chloride	1.40	62	91513	44.145	ug/l	94
5) Bromomethane	1.62	94	30109	36.941	ug/l	95
6) Chloroethane	1.71	64	57423	41.090	ug/l	94
7) Trichlorofluoromethane	1.92	101	126307	43.397	ug/l	98
8) Diethyl Ether	2.18	74	52734	44.212	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.37	101	77318	43.615	ug/l	97
10) Methyl Iodide	2.50	142	81873	44.450	ug/l	93
11) Tert butyl alcohol	3.04	59	130393	222.022	ug/l	99
12) 1,1-Dichloroethene	2.36	96	80194	46.198	ug/l	99
13) Acrolein	2.28	56	78891	241.501	ug/l	98
14) Allyl chloride	2.72	41	147821	42.922	ug/l	96
15) Acrylonitrile	3.13	53	277663	233.036	ug/l	99
16) Acetone	2.44	43	237082	190.384	ug/l	96
17) Carbon Disulfide	2.56	76	203411	41.799	ug/l	100
18) Methyl Acetate	2.76	43	127489	43.479	ug/l	96
19) Methyl tert-butyl Ether	3.19	73	306353	46.626	ug/l	99
20) Methylene Chloride	2.84	84	96968	46.039	ug/l	92
21) trans-1,2-Dichloroethene	3.16	96	92918	48.317	ug/l	97
22) Diisopropyl ether	3.84	45	300812	45.203	ug/l	99
23) Vinyl Acetate	3.80	43	1264144	216.618	ug/l	98
24) 1,1-Dichloroethane	3.69	63	168826	46.672	ug/l	99
25) 2-Butanone	4.66	43	383710	214.897	ug/l	95
26) 2,2-Dichloropropane	4.57	77	114052	35.451	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	108749	48.736	ug/l	89
28) Bromochloromethane	5.00	49	64707	49.265	ug/l	96
29) Tetrahydrofuran	5.12	42	248793	228.607	ug/l	96
30) Chloroform	5.20	83	170912	46.182	ug/l	98
31) Cyclohexane	5.57	56	140231	42.852	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	149550	45.596	ug/l	99
36) 1,1-Dichloropropene	5.79	75	122468	45.594	ug/l	98
37) Ethyl Acetate	4.82	43	139172	44.318	ug/l	97
38) Carbon Tetrachloride	5.78	117	124527	45.638	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	135627	41.942	ug/l	95
40) Benzene	6.13	78	374978	47.446	ug/l	100
41) Methacrylonitrile	5.03	41	83632	47.466	ug/l	96
42) 1,2-Dichloroethane	6.18	62	140212	46.719	ug/l	97
43) Isopropyl Acetate	6.43	43	232067	44.190	ug/l	97
44) Trichloroethene	7.21	130	95494	47.265	ug/l	96
45) 1,2-Dichloropropane	7.51	63	97731	48.300	ug/l	97
46) Dibromomethane	7.65	93	65944	47.867	ug/l	99
47) Bromodichloromethane	7.89	83	131515	47.765	ug/l	98
48) Methyl methacrylate	7.76	41	116261	46.170	ug/l	93
49) 1,4-Dioxane	7.73	88	53247	932.280	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	761087	234.780	ug/l	95
52) Toluene	8.78	92	239849	48.286	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	139126	45.669	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	152072	45.720	ug/l	92
55) 1,1,2-Trichloroethane	9.21	97	99941	50.608	ug/l	97
56) Ethyl methacrylate	9.17	69	161211	48.591	ug/l	91
57) 1,3-Dichloropropane	9.37	76	168867	48.858	ug/l	99
59) 2-Hexanone	9.48	43	589263	237.479	ug/l	94
60) Dibromochloromethane	9.58	129	98370	49.207	ug/l	99
61) 1,2-Dibromoethane	9.67	107	101958	49.609	ug/l	99
64) Tetrachloroethene	9.33	164	79187	45.464	ug/l	97
65) Chlorobenzene	10.14	112	249683	47.463	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	94293	49.471	ug/l	99
67) Ethyl Benzene	10.25	91	455246	47.713	ug/l	99
68) m/p-Xylenes	10.36	106	339913	95.103	ug/l	99
69) o-Xylene	10.70	106	166979	48.282	ug/l	98
70) Stvrene	10.71	104	289497	49.932	ug/l	98
71) Bromoform	10.85	173	67966	51.211	ug/l #	99
73) Isopropylbenzene	11.01	105	444739	47.540	ug/l	100
74) N-amyl acetate	10.89	43	202964	45.476	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.26	83	155355	50.142	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	145310m	47.825	ug/l	
77) Bromobenzene	11.25	156	104790	49.492	ug/l	96
78) n-propylbenzene	11.35	91	484151	45.968	ug/l	99
79) 2-Chlorotoluene	11.42	91	308982	47.028	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	378931	48.302	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	43525	41.052	ug/l	98
82) 4-Chlorotoluene	11.51	91	345657	46.151	ug/l	99
83) tert-Butylbenzene	11.77	119	367330	48.540	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	378663	47.848	ug/l	100
85) sec-Butylbenzene	11.94	105	422780	48.032	ug/l	100
86) p-Isopropyltoluene	12.06	119	385326	48.517	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	189206	49.656	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	183056	47.543	ug/l	99
89) n-Butylbenzene	12.39	91	317072	45.305	ug/l	99
90) Hexachloroethane	12.59	117	66632	47.059	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	190334	49.894	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	37868	48.860	ug/l	98
93) 1,2,4-Trichlorobenzene	13.64	180	113807	48.919	ug/l	100

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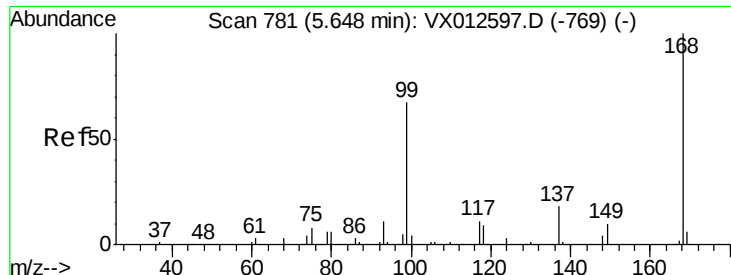
Manual Integrations
APPROVED

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	49798	49.757	ug/l	98
95) Naphthalene	13.83	128	415425	49.355	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	114781	49.253	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012799.D

Acq: 03 Oct 2019 21:16

Instrument :

MSVOA_X

ClientSampleId :

S49-0539MSD

Tot Ion:168 Resp: 161449

Ion Ratio Lower Upper

168 100

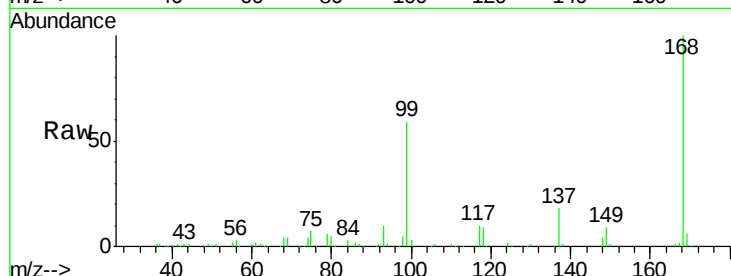
99 58.9 51.4 77.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

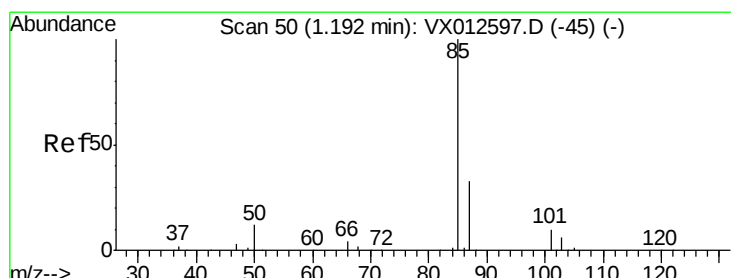
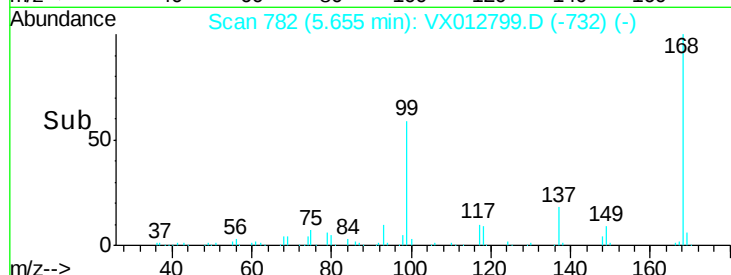
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 38.635 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX012799.D

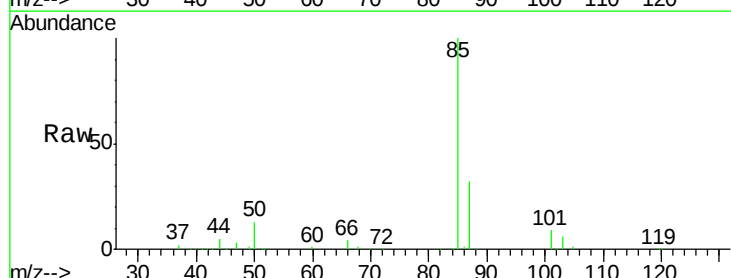
Acq: 03 Oct 2019 21:16

Tgt Ion: 85 Resp: 70171

Ion Ratio Lower Upper

85 100

87 31.8 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

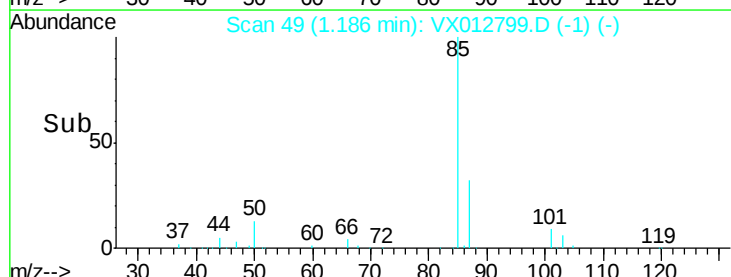
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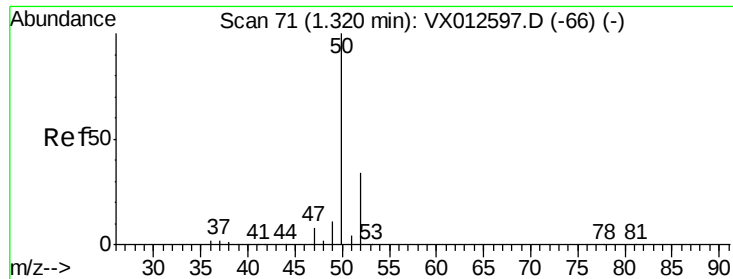
40000

20000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 40.758 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012799.D

Acq: 03 Oct 2019 21:16

Instrument :

MSVOA_X

ClientSampleId :

S49-0539MSD

Tot Ion: 50 Resp: 85005

Ion Ratio Lower Upper

50 100

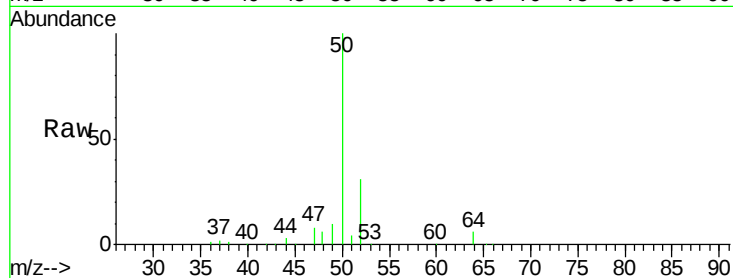
52 31.5 25.7 38.5

Manual Integrations

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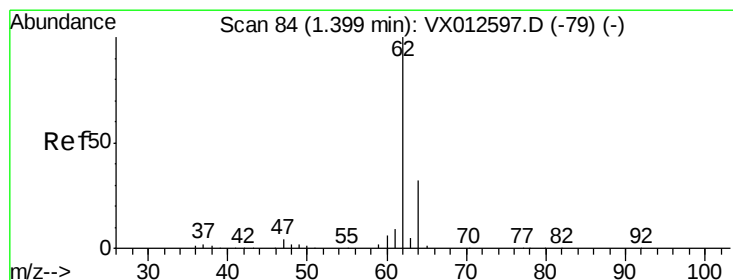
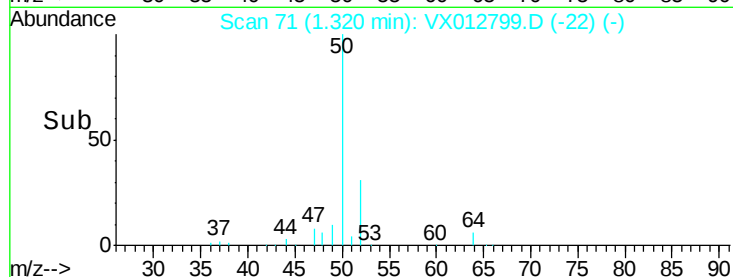
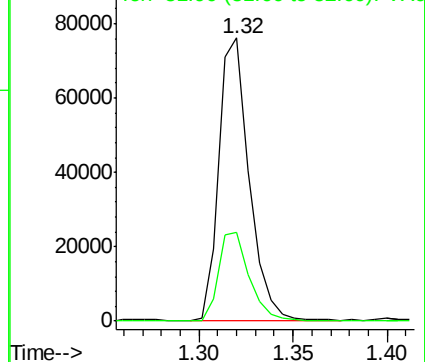
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 44.145 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012799.D

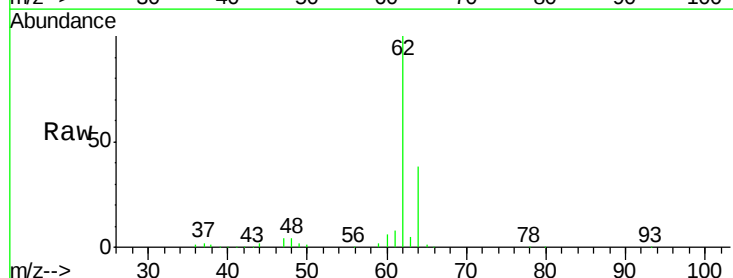
Acq: 03 Oct 2019 21:16

Tgt Ion: 62 Resp: 91513

Ion Ratio Lower Upper

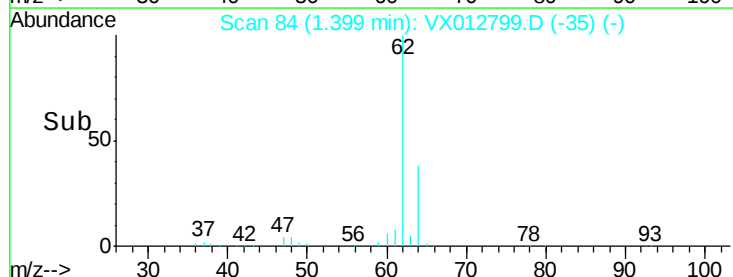
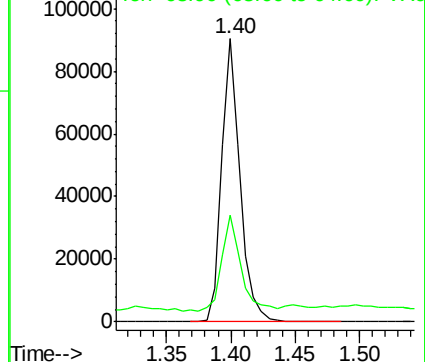
62 100

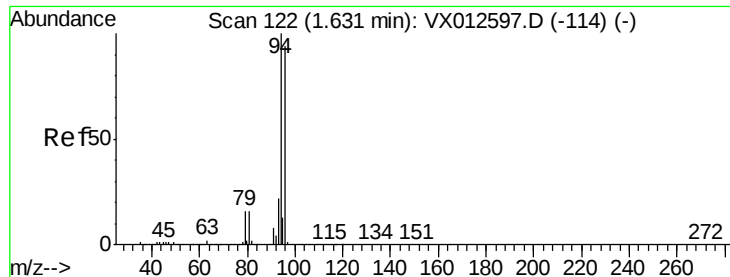
64 33.5 24.2 36.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 36.941 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX012799.D

Acq: 03 Oct 2019 21:16

Instrument :

MSVOA_X

ClientSampleId :

S49-0539MSD

Tot Ion: 94 Resp: 30109

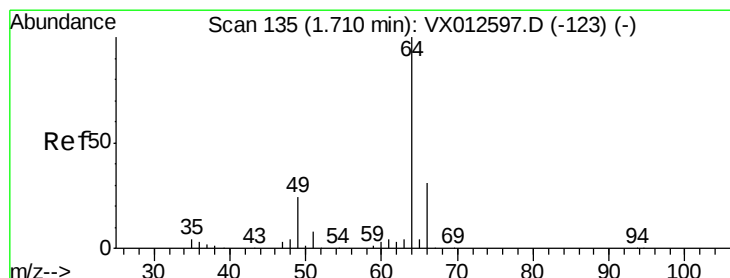
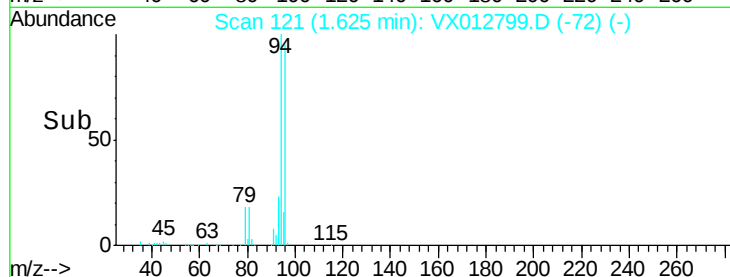
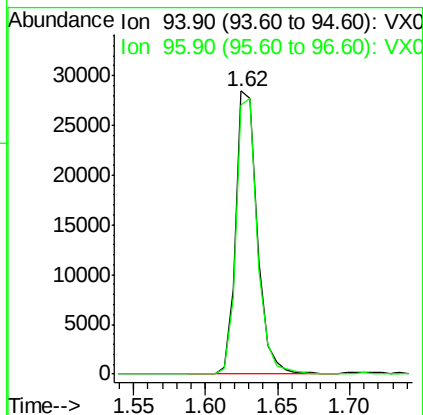
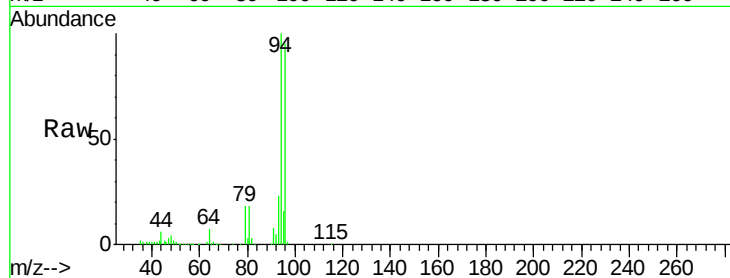
Ion Ratio Lower Upper

94 100

96 95.3 72.8 109.2

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#6

Chloroethane

Concen: 41.090 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX012799.D

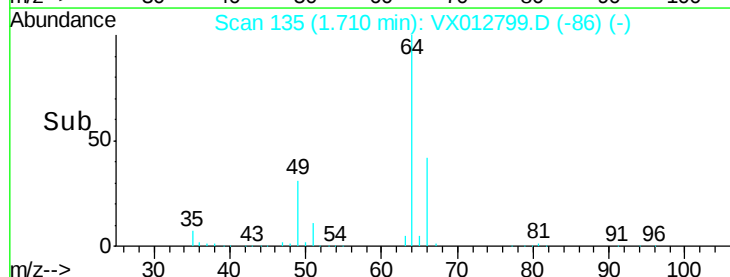
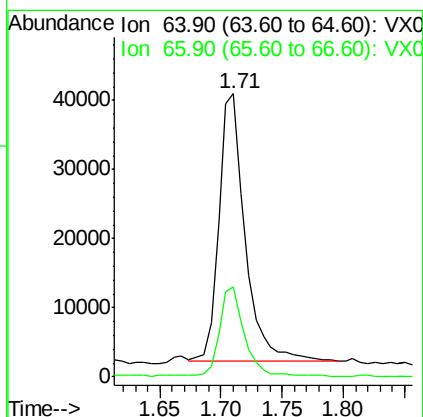
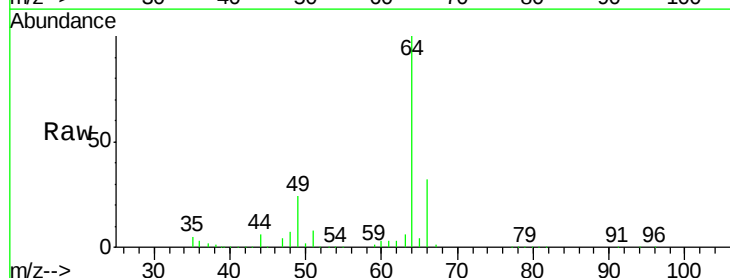
Acq: 03 Oct 2019 21:16

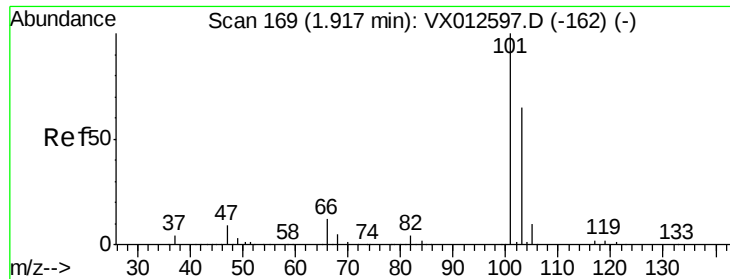
Tgt Ion: 64 Resp: 57423

Ion Ratio Lower Upper

64 100

66 33.4 24.0 36.0





#7

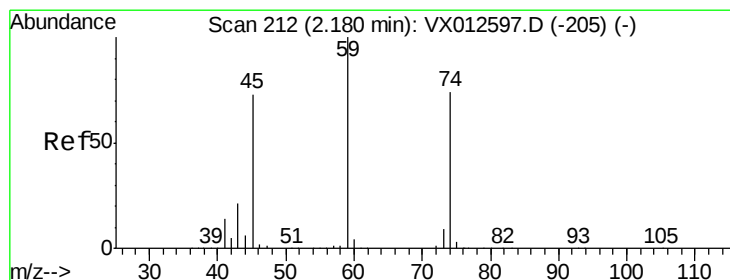
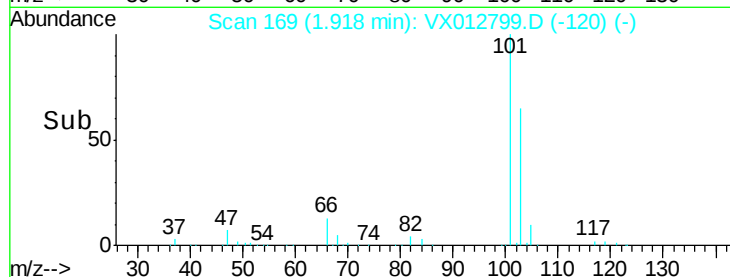
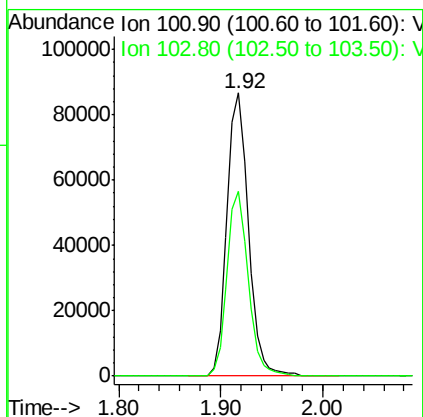
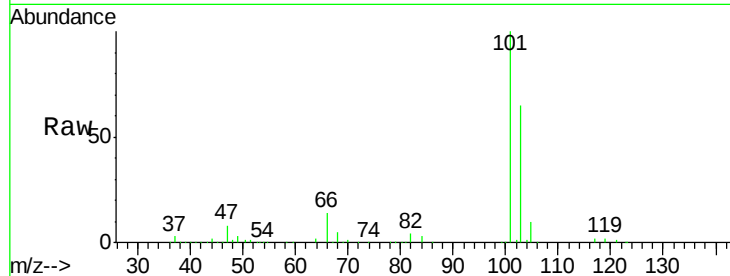
Trichlorofluoromethane
Concen: 43.397 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX012799.D
Acq: 03 Oct 2019 21:16

Instrument :
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ClientSampleId :
S49-0539MSD

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.5	51.0	76.4

Manual Integrations
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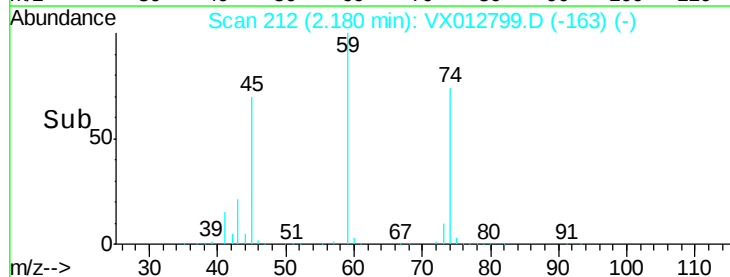
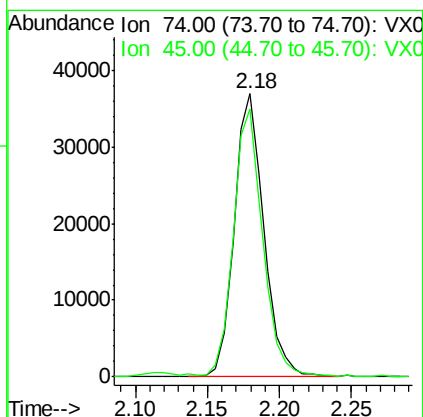
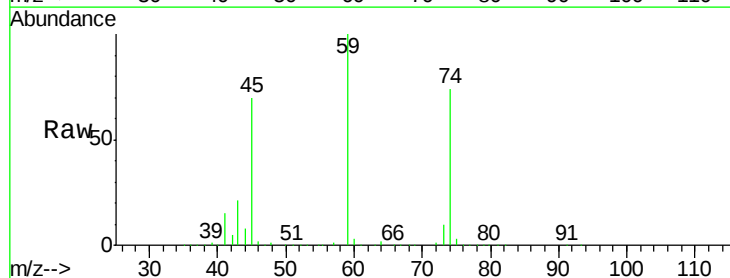
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10/4/2019 9:19:25 AM

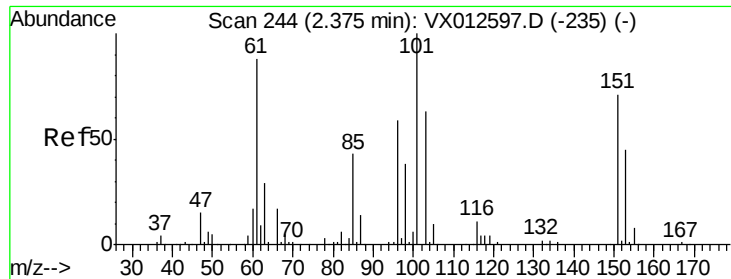


#8

Diethyl Ether
Concen: 44.212 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX012799.D
Acq: 03 Oct 2019 21:16

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.5	49.9	149.7





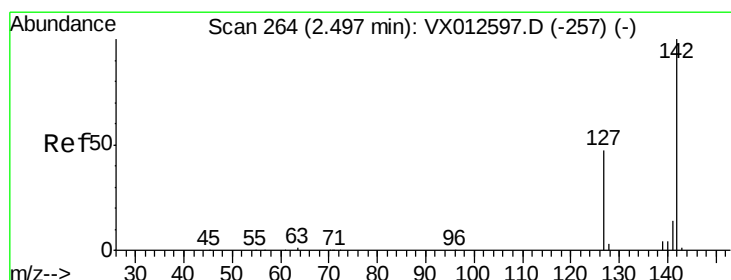
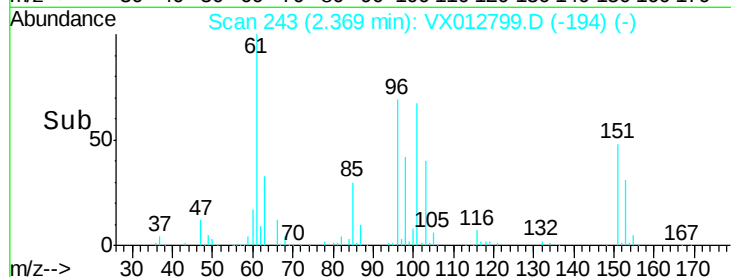
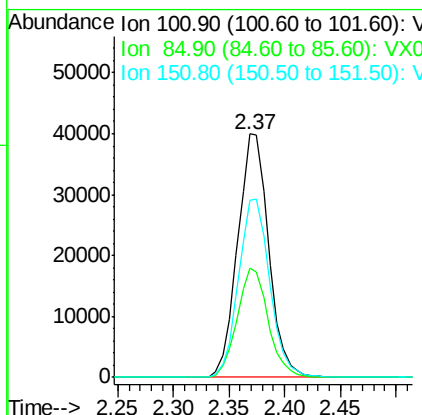
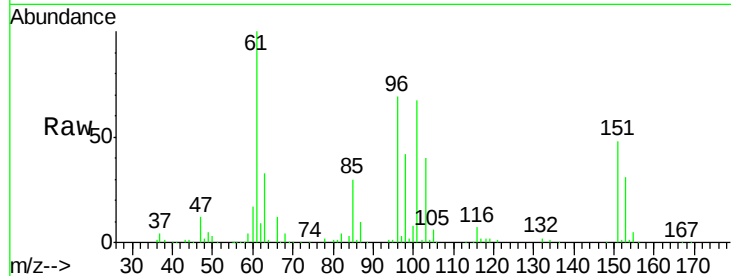
#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.615 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX012799.D
Acq: 03 Oct 2019 21:16

Instrument :
MSVOA_X
ClientSampled :
S49-0539MSD

Tot Ion	Ratio	Lower	Upper
101	100		
85	44.8	37.3	55.9
151	74.1	61.0	91.4

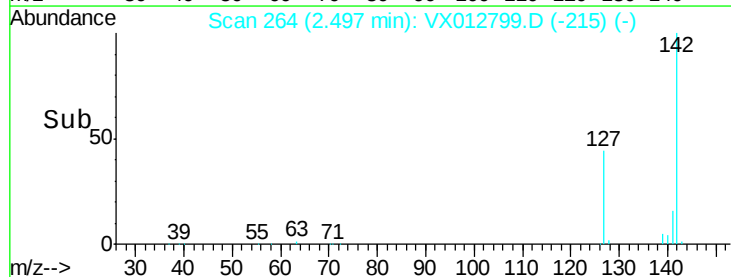
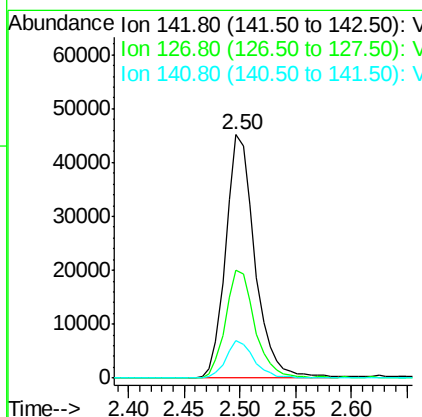
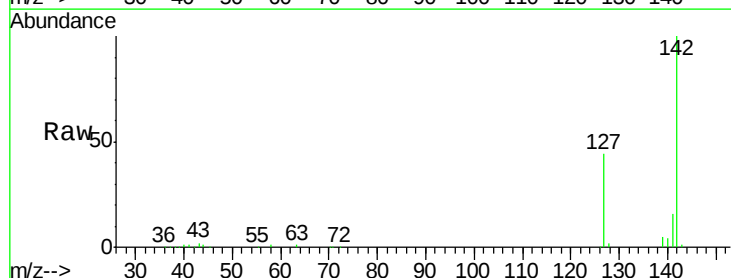
Manual Integrations
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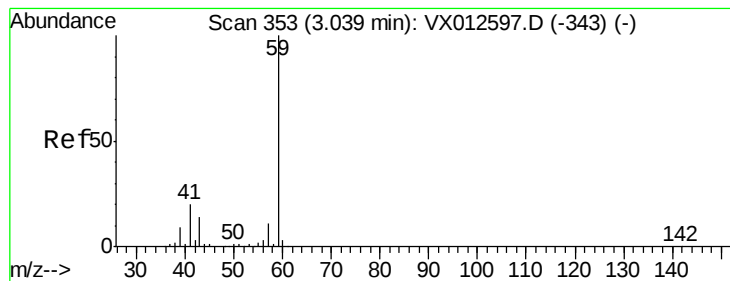
MMDadoda
10/4/2019 9:19:25 AM



#10
Methyl Iodide
Concen: 44.450 ug/l
RT: 2.50 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX012799.D
Acq: 03 Oct 2019 21:16

Tgt Ion	Ratio	Lower	Upper
142	100		
127	45.0	40.8	61.2
141	14.8	12.1	18.1





#11

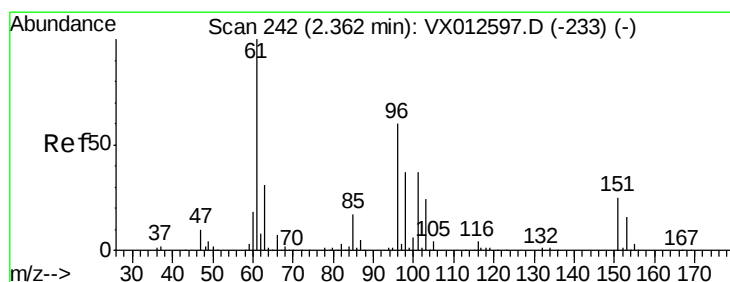
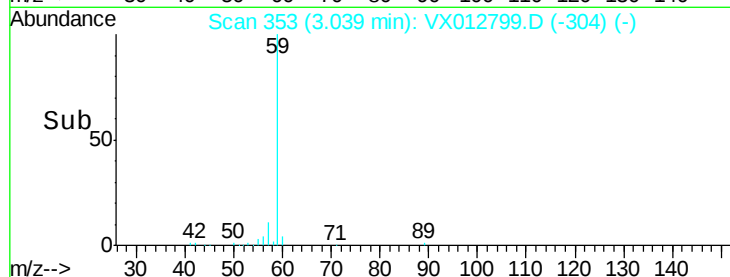
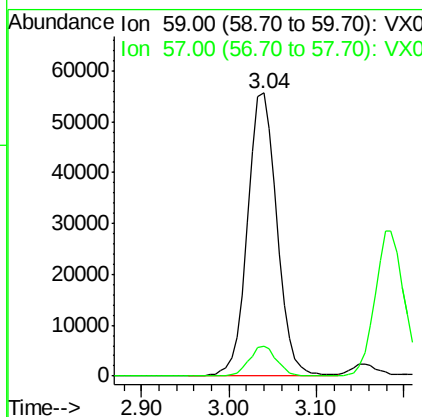
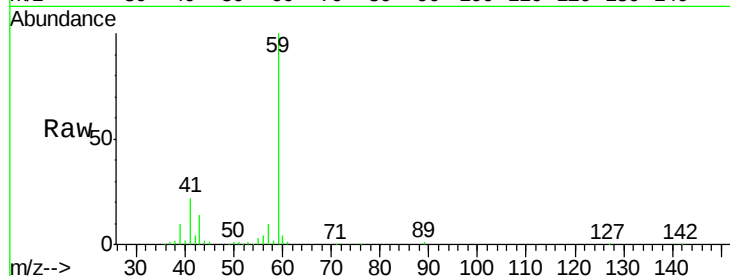
Tert butyl alcohol
Concen: 222.022 ug/l
RT: 3.04 min Scan# 353
Delta R.T. 0.00 min
Lab File: VX012799.D
Acq: 03 Oct 2019 21:16

Instrument :
MSVOA_X
ClientSampleId :
S49-0539MSD

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.3	12.5

Manual Integrations
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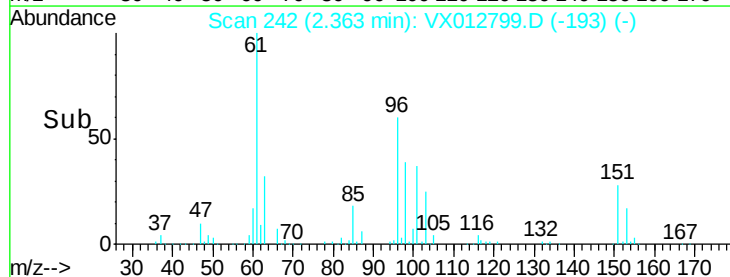
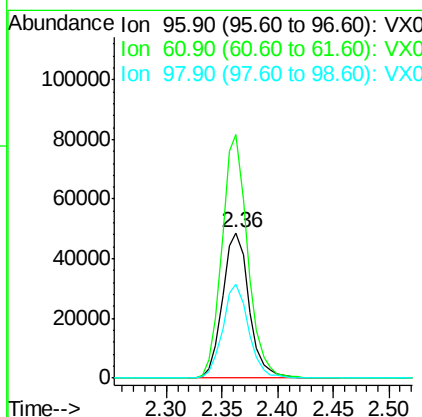
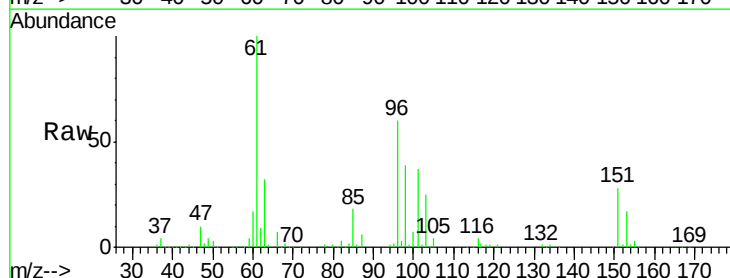
MMDadoda
10/4/2019 9:19:25 AM

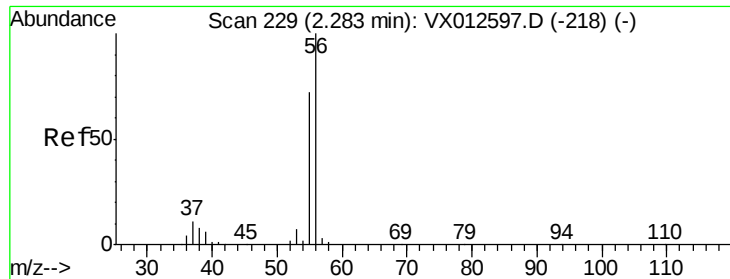


#12

1,1-Dichloroethene
Concen: 46.198 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX012799.D
Acq: 03 Oct 2019 21:16

Tgt Ion	Ratio	Lower	Upper
96	100		
61	167.5	133.8	200.6
98	64.8	49.9	74.9





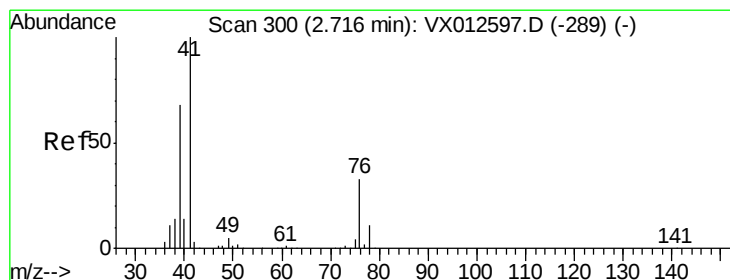
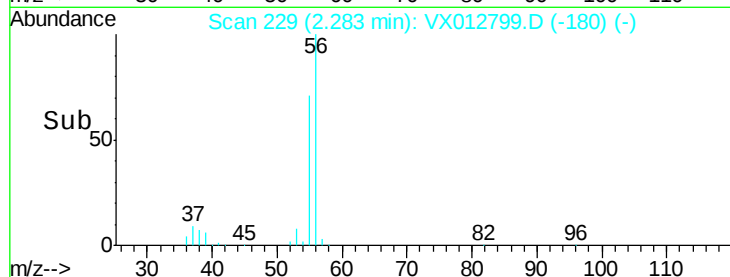
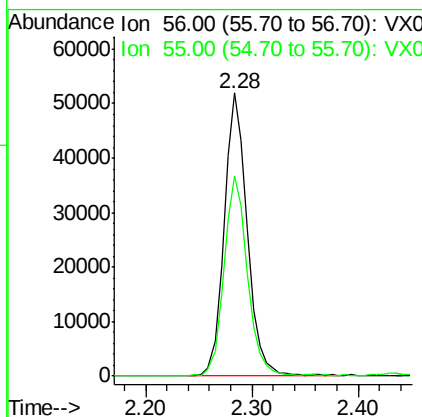
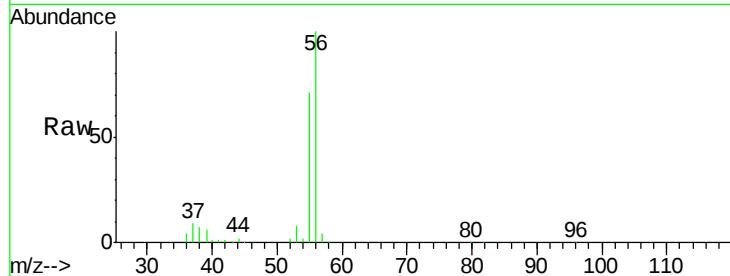
#13
Acrolein
Concen: 241.501 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX012799.D
Acq: 03 Oct 2019 21:16

Instrument :
MSVOA_X
ClientSampleId :
S49-0539MSD

Tot Ion	Ratio	Lower	Upper
56	100		
55	71.5	55.8	83.8

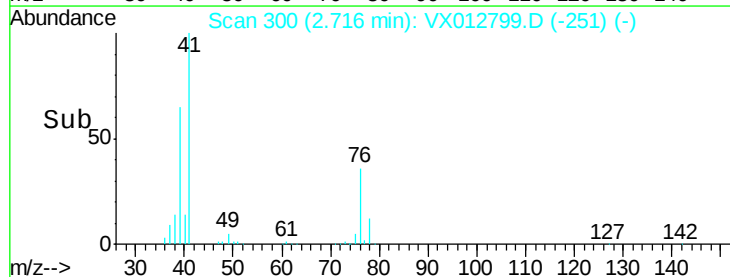
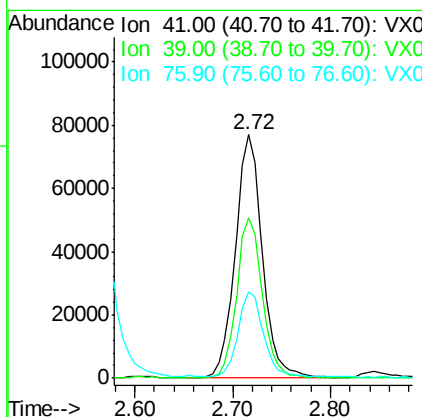
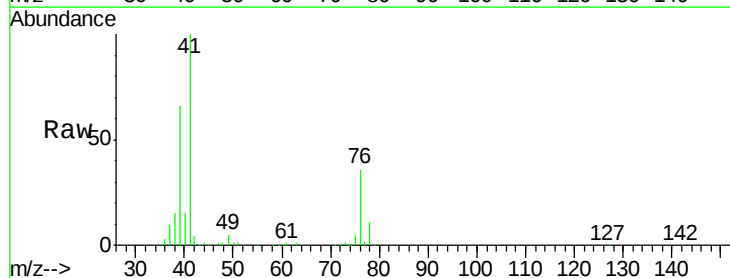
Manual Integrations
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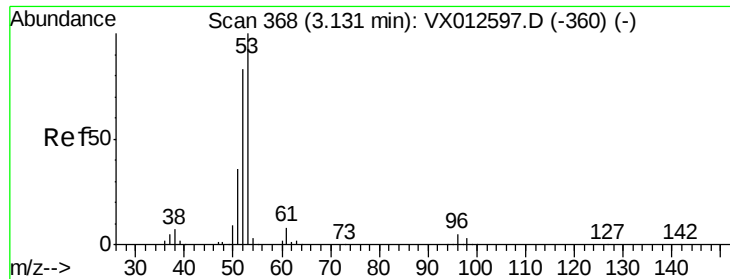
MMDadoda
10/4/2019 9:19:25 AM



#14
Allyl chloride
Concen: 42.922 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX012799.D
Acq: 03 Oct 2019 21:16

Tgt Ion	Ratio	Lower	Upper
41	100		
39	62.7	51.3	76.9
76	32.7	22.6	33.8





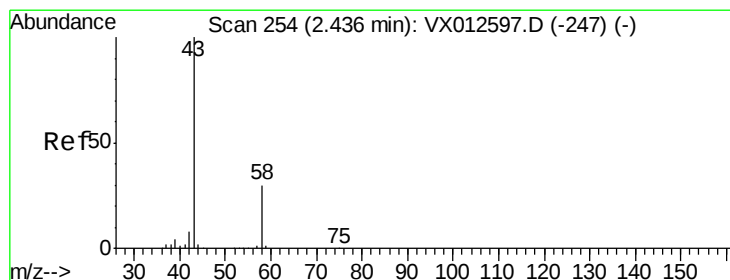
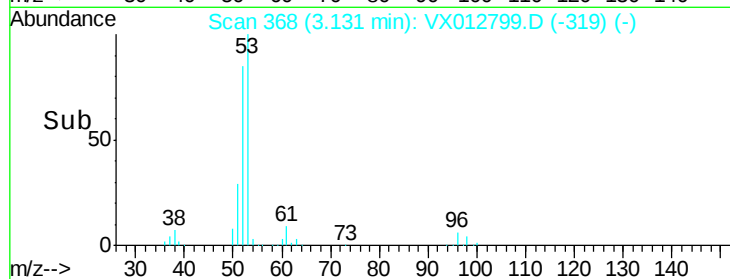
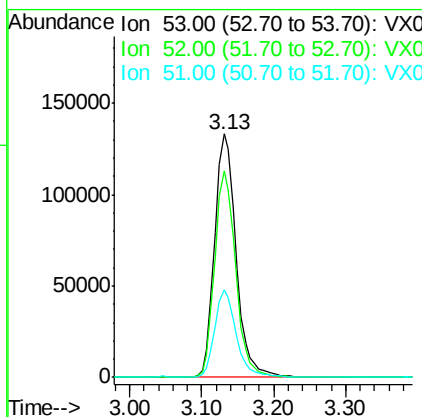
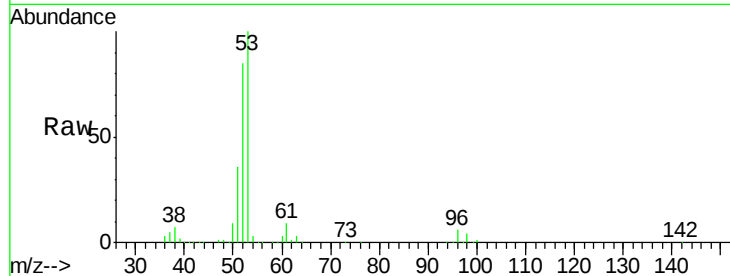
#15
 Acrylonitrile
 Concen: 233.036 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. 0.00 min
 Lab File: VX012799.D
 Acq: 03 Oct 2019 21:16

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0539MSD

Tot Ion	Ratio	Lower	Upper
53	100		
52	82.9	67.0	100.4
51	36.0	29.6	44.4

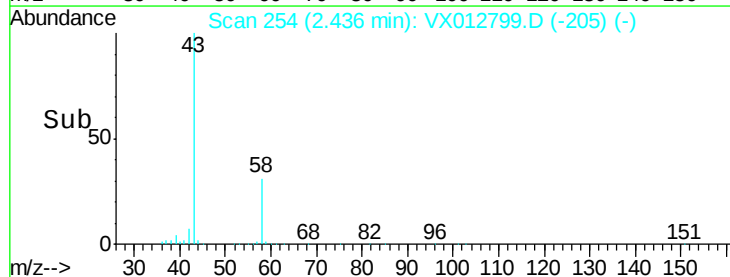
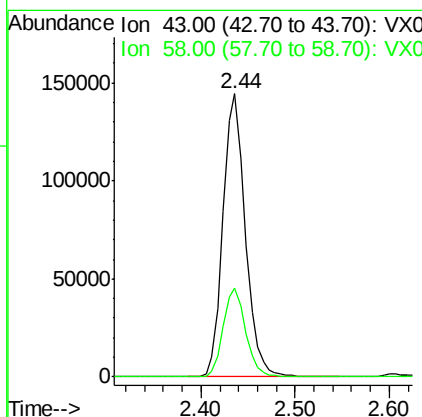
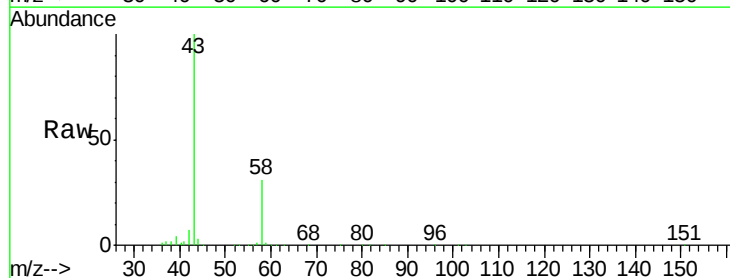
Manual Integrations
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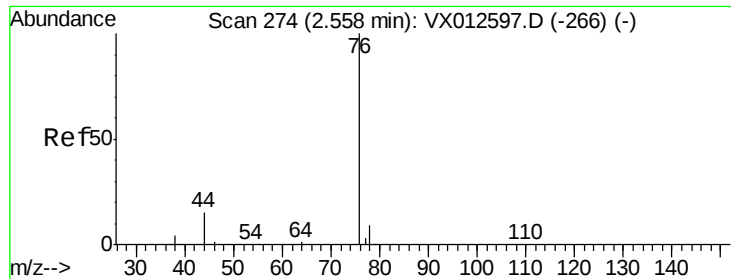
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#16
 Acetone
 Concen: 190.384 ug/l
 RT: 2.44 min Scan# 254
 Delta R.T. 0.00 min
 Lab File: VX012799.D
 Acq: 03 Oct 2019 21:16

Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.4	23.3	34.9





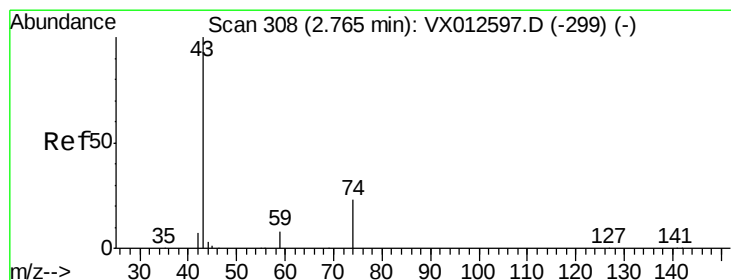
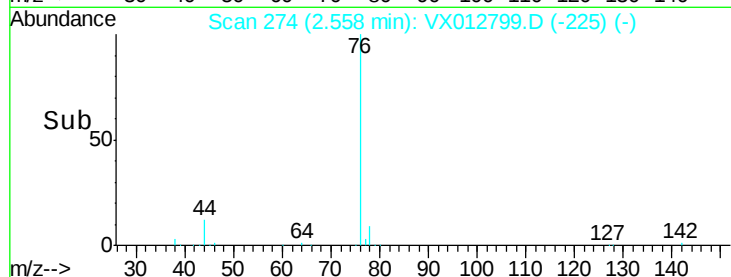
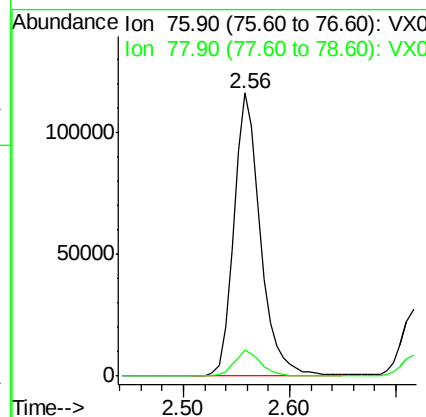
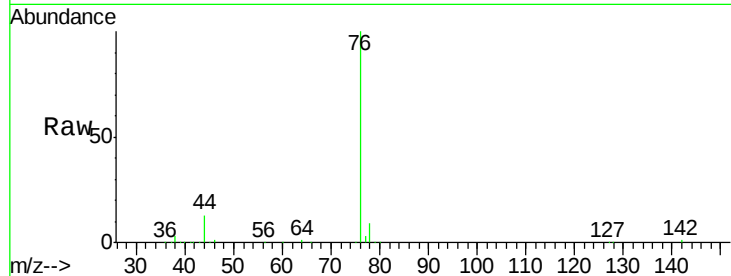
#17
Carbon Disulfide
Concen: 41.799 ug/l
RT: 2.56 min Scan# 274
Delta R.T. 0.00 min
Lab File: VX012799.D
Acq: 03 Oct 2019 21:16

Instrument :
MSVOA_X
ClientSampleId :
S49-0539MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.3	10.9

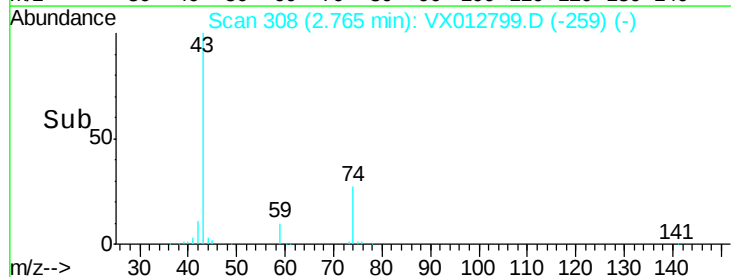
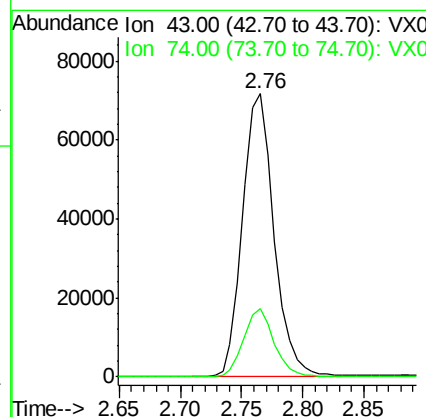
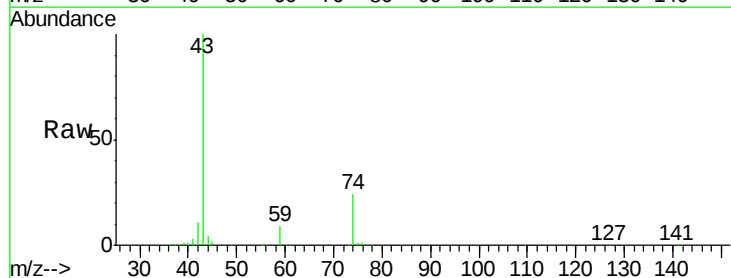
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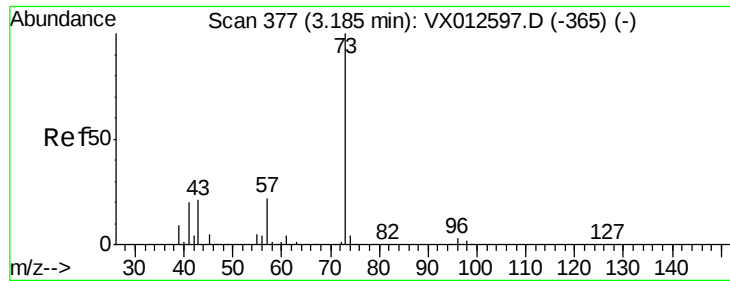
MMDadoda
10/4/2019 9:19:25 AM



#18
Methyl Acetate
Concen: 43.479 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX012799.D
Acq: 03 Oct 2019 21:16

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.9	17.7	26.5





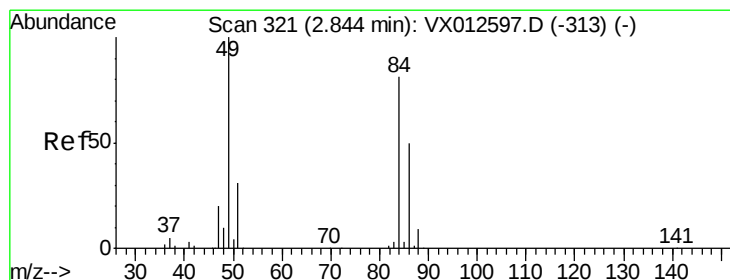
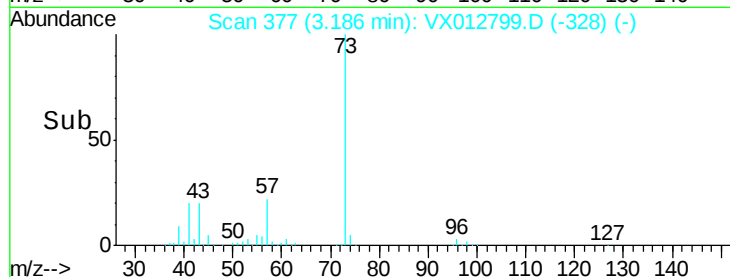
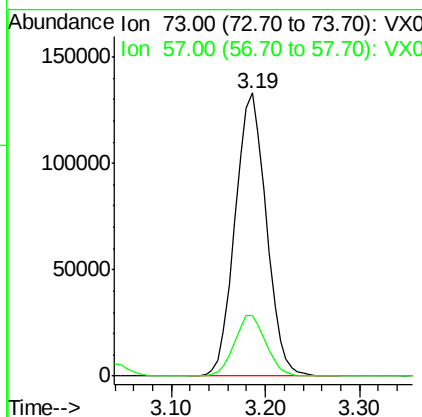
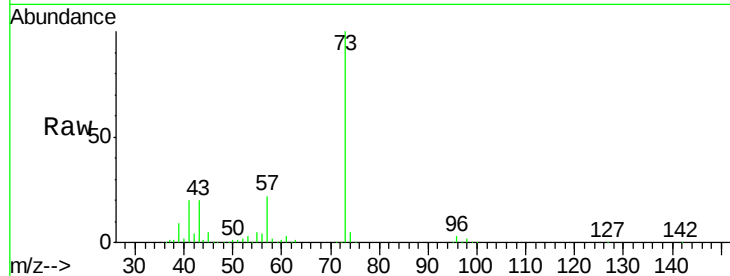
#19
Methyl tert-butyl Ether
Concen: 46.626 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX012799.D
Acq: 03 Oct 2019 21:16

Instrument :
MSVOA_X
ClientSampleId :
S49-0539MSD

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.5	16.8	25.2

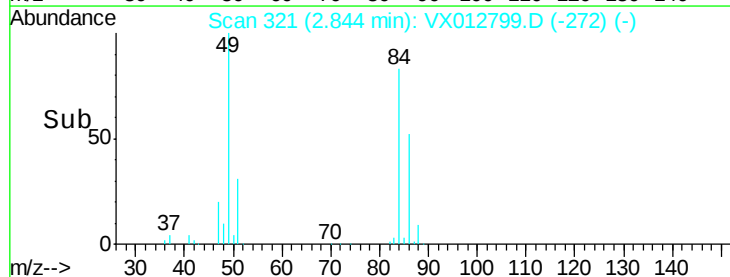
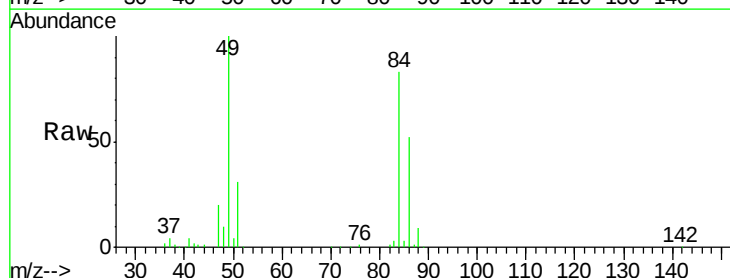
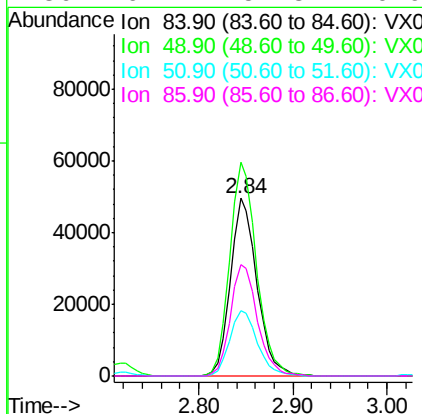
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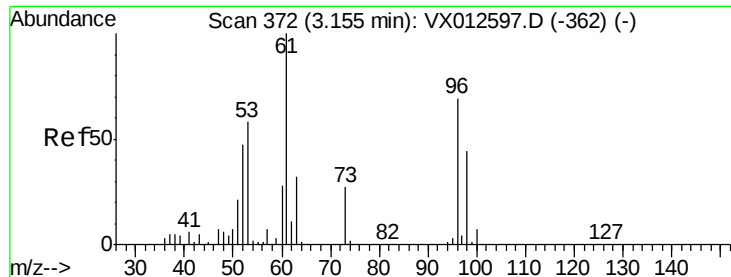
MMDadoda
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#20
Methylene Chloride
Concen: 46.039 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012799.D
Acq: 03 Oct 2019 21:16

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.1	106.8	160.2
51	37.1	32.3	48.5
86	62.4	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 48.317 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012799.D

Acq: 03 Oct 2019 21:16

Instrument :

MSVOA_X

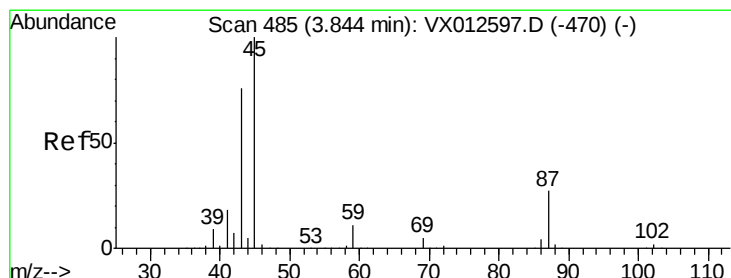
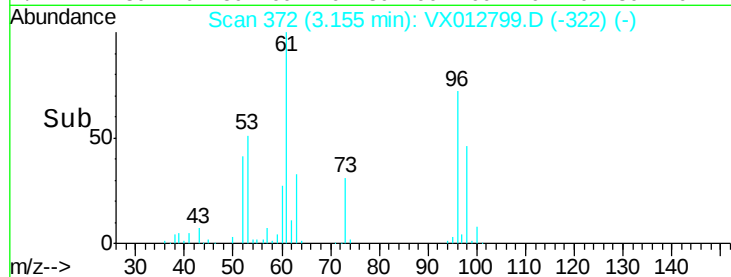
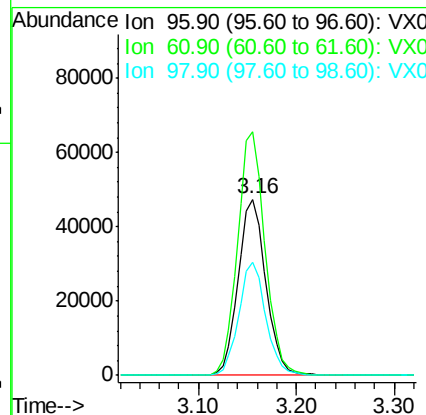
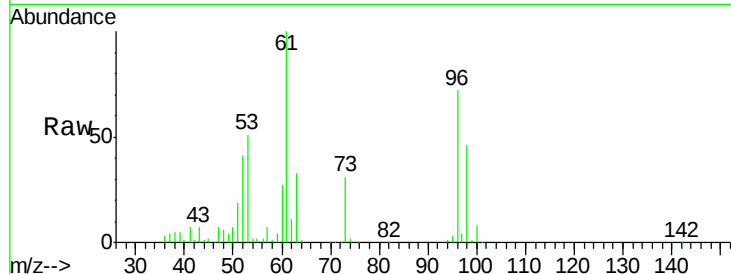
ClientSampleId :

S49-0539MSD

Tot Ion:	96	Resp:	92918
Ion	Ratio	Lower	Upper
96	100		
61	138.3	112.0	168.0
98	63.9	47.8	71.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 45.203 ug/l

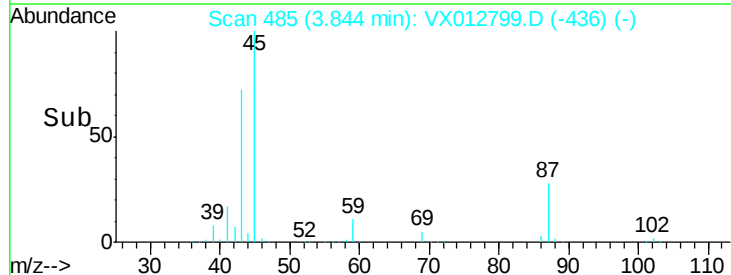
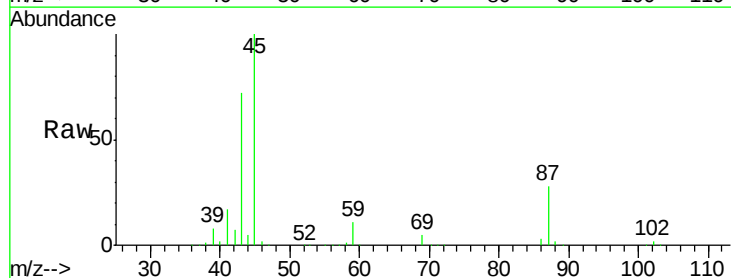
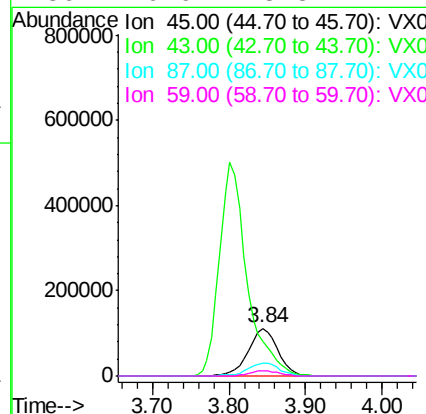
RT: 3.84 min Scan# 485

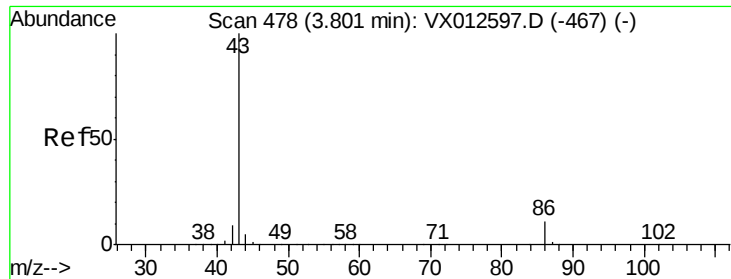
Delta R.T. 0.00 min

Lab File: VX012799.D

Acq: 03 Oct 2019 21:16

Tgt Ion:	45	Resp:	300812
Ion	Ratio	Lower	Upper
45	100		
43	72.0	57.8	86.8
87	28.3	21.3	31.9
59	10.9	8.5	12.7





#23

Vinyl Acetate

Concen: 216.618 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012799.D

Acq: 03 Oct 2019 21:16

Instrument :

MSVOA_X

ClientSampled :

S49-0539MSD

Tot Ion: 43 Resp: 1264144

Ion Ratio Lower Upper

43 100

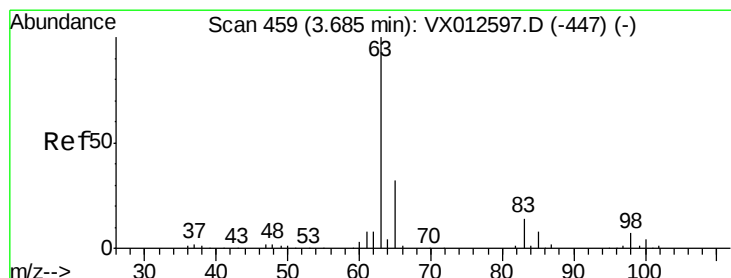
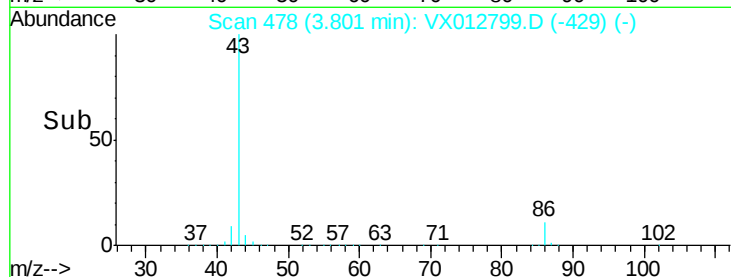
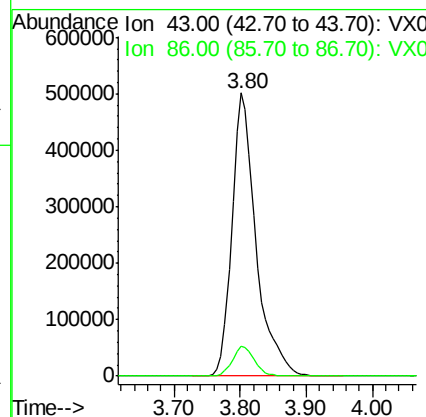
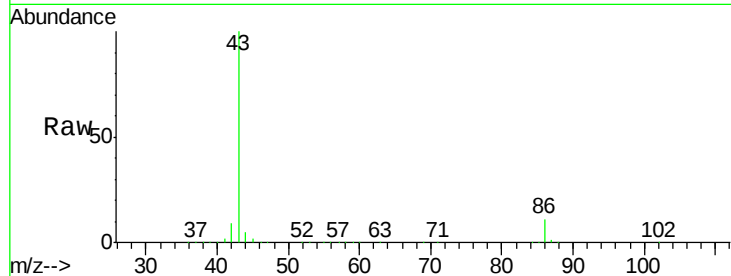
86 10.6 7.8 11.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 46.672 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012799.D

Acq: 03 Oct 2019 21:16

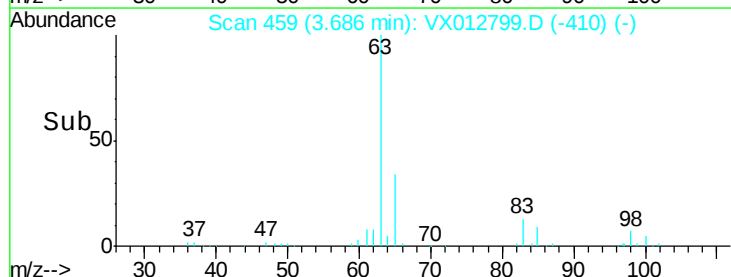
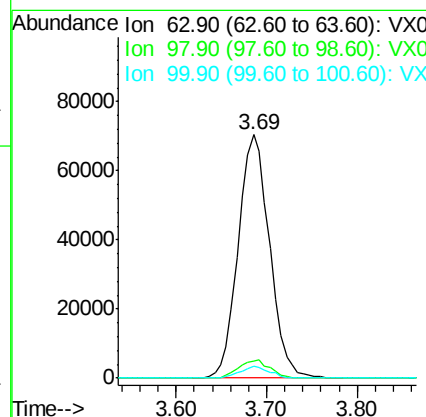
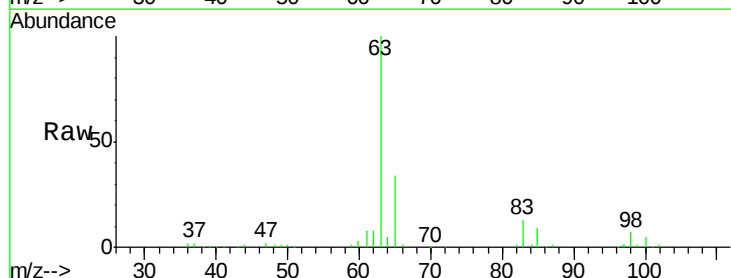
Tgt Ion: 63 Resp: 168826

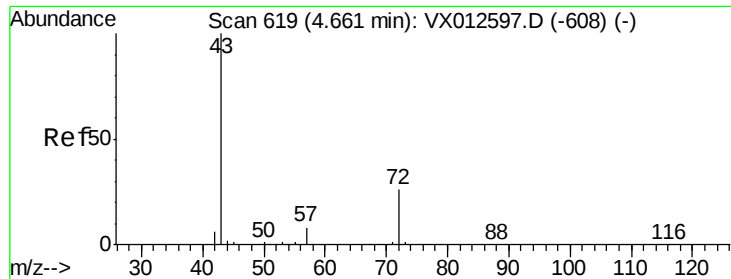
Ion Ratio Lower Upper

63 100

98 7.3 3.9 11.7

100 5.1 2.3 6.9





#25

2-Butanone

Concen: 214.897 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX012799.D

Acq: 03 Oct 2019 21:16

Instrument :

MSVOA_X

ClientSampleId :

S49-0539MSD

Tot Ion: 43 Resp: 383710

Ion Ratio Lower Upper

43 100

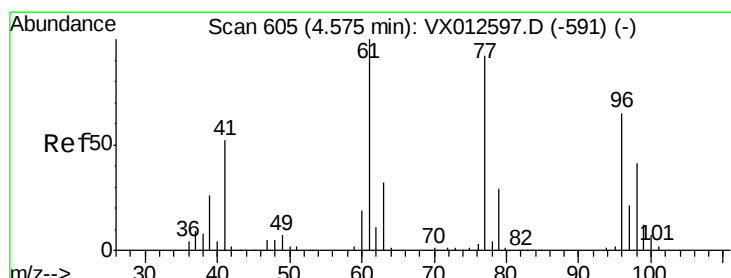
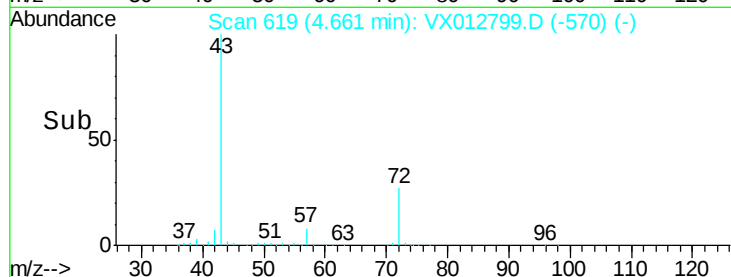
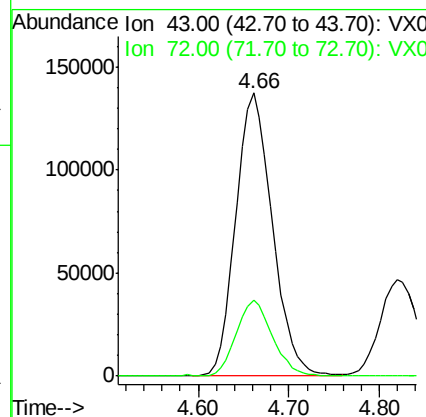
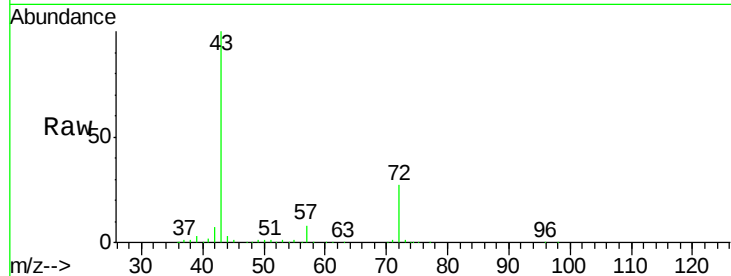
72 26.6 19.2 28.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 35.451 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX012799.D

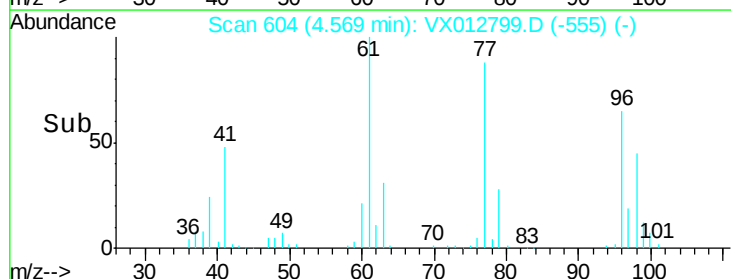
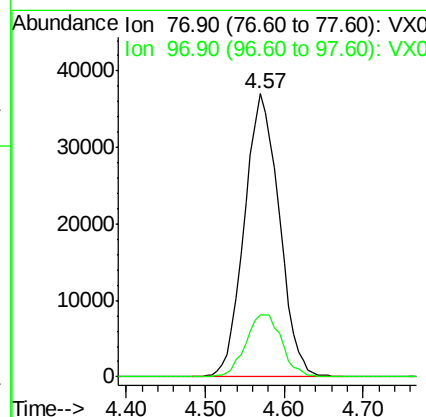
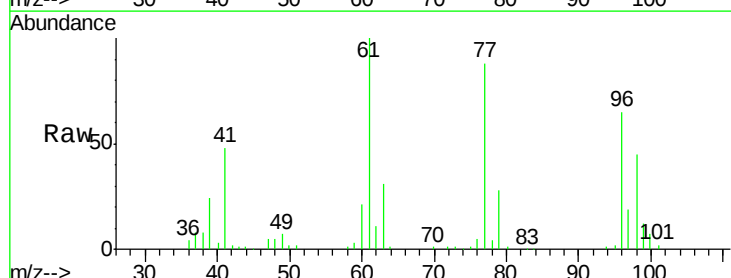
Acq: 03 Oct 2019 21:16

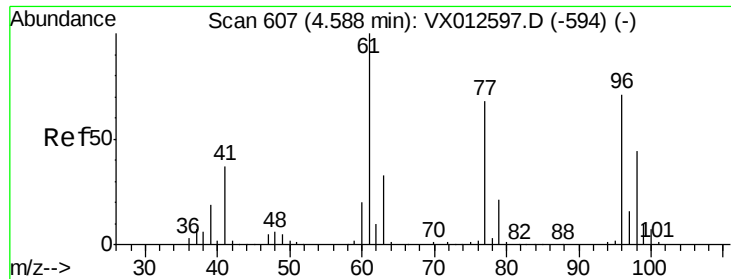
Tgt Ion: 77 Resp: 114052

Ion Ratio Lower Upper

77 100

97 22.7 10.5 31.6





#27

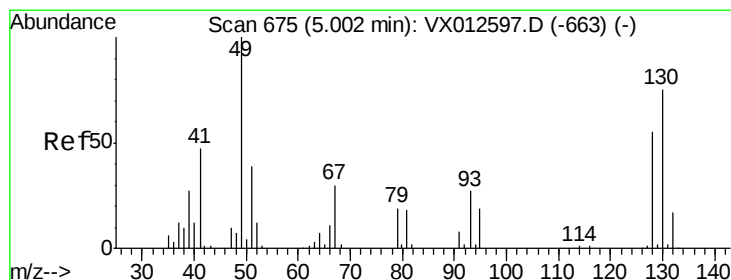
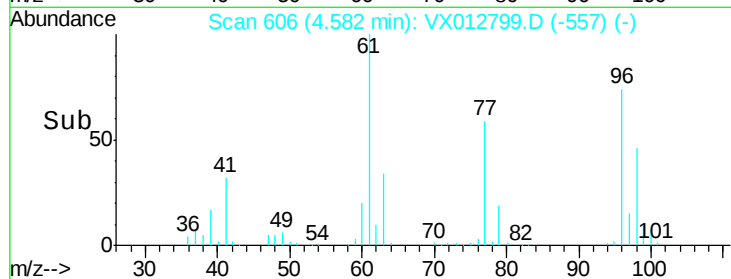
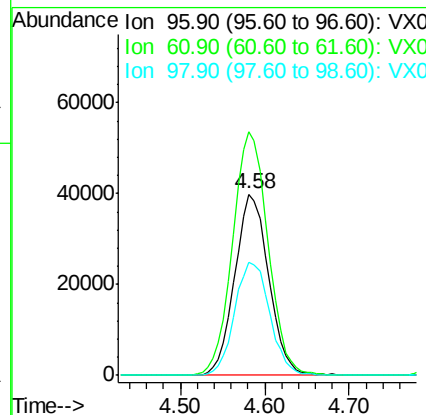
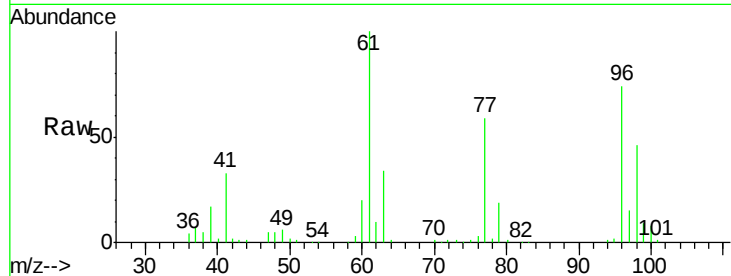
cis-1,2-Dichloroethene
Concen: 48.736 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX012799.D
Acq: 03 Oct 2019 21:16

Instrument :
MSVOA_X
ClientSampleId :
S49-0539MSD

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	140.5	0.0	319.4	
98	64.5	0.0	130.6	

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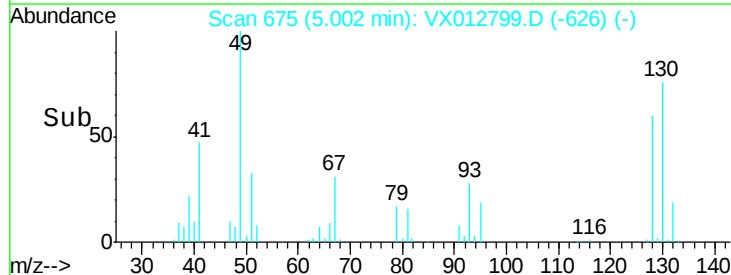
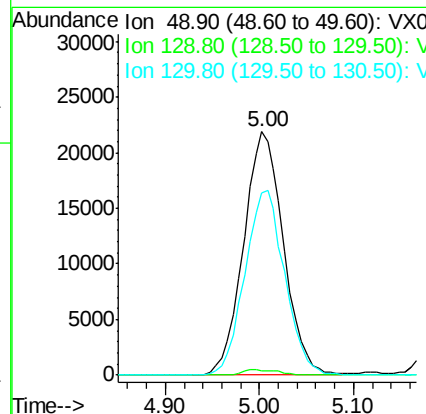
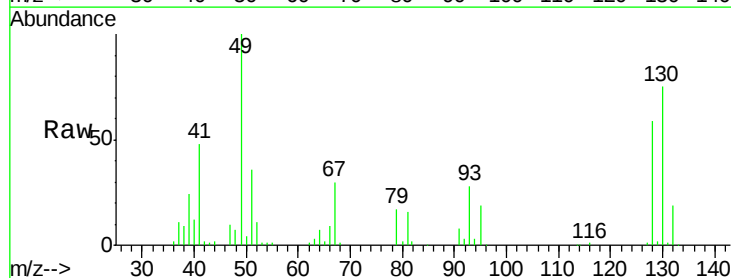
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10/4/2019 9:19:25 AM

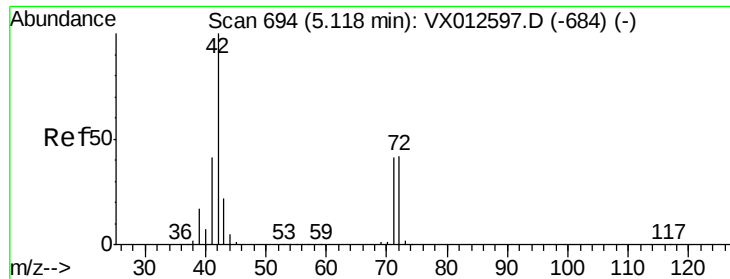


#28

Bromochloromethane
Concen: 49.265 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX012799.D
Acq: 03 Oct 2019 21:16

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.9	0.0	3.8	
130	76.2	58.2	87.4	





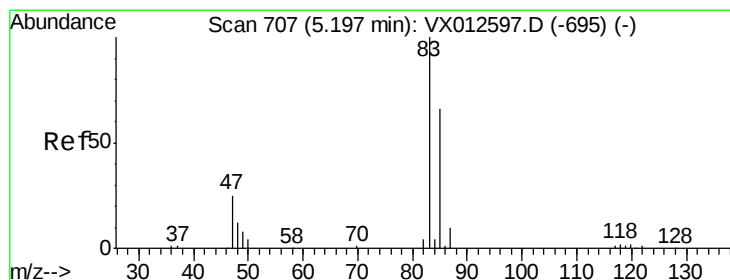
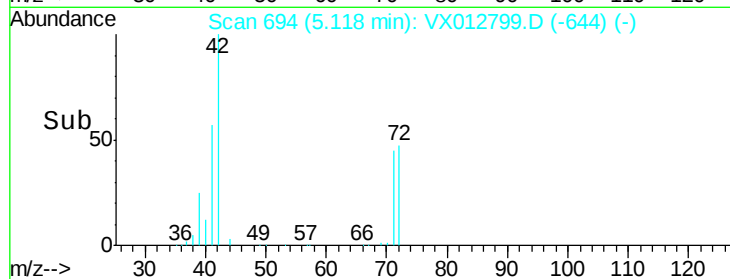
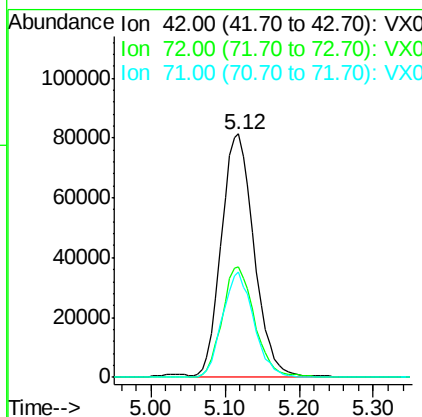
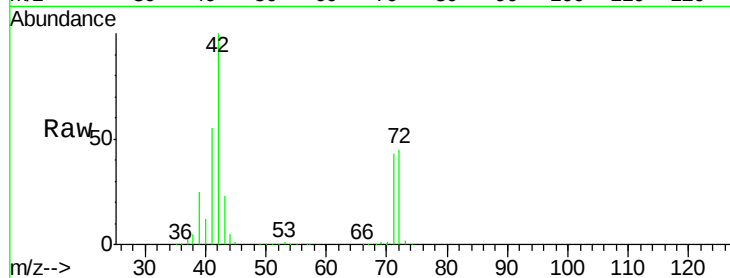
#29
Tetrahydrofuran
Concen: 228.607 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX012799.D
Acq: 03 Oct 2019 21:16

Instrument :
MSVOA_X
ClientSampleId :
S49-0539MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.4	34.0	51.0
71	41.8	31.5	47.3

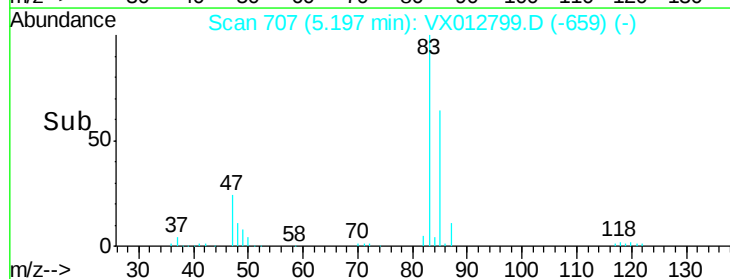
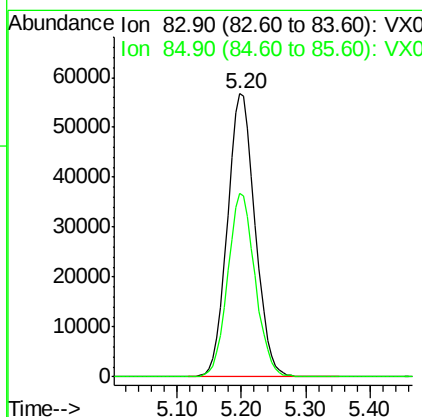
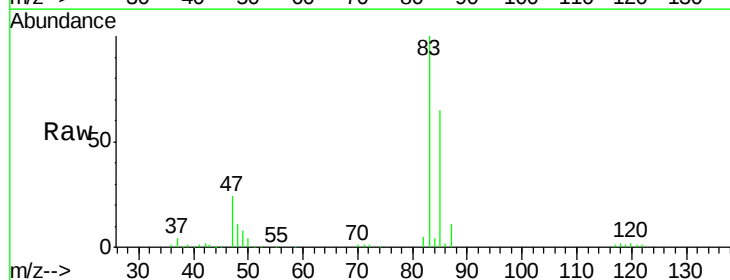
Manual Integrations
APPROVED

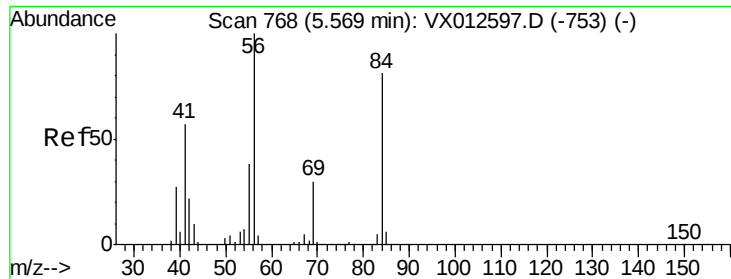
MMDadoda
10/4/2019 9:19:25 AM



#30
Chloroform
Concen: 46.182 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX012799.D
Acq: 03 Oct 2019 21:16

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.9	53.0	79.4





#31

Cyclohexane

Concen: 42.852 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX012799.D

Acq: 03 Oct 2019 21:16

Instrument :

MSVOA_X

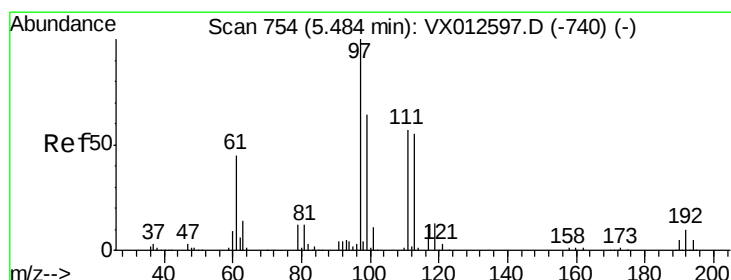
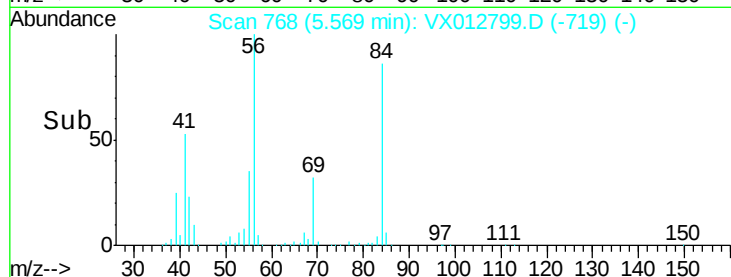
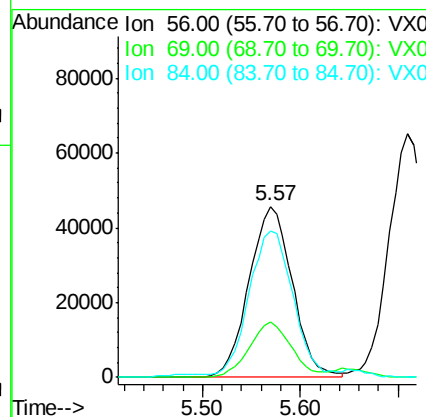
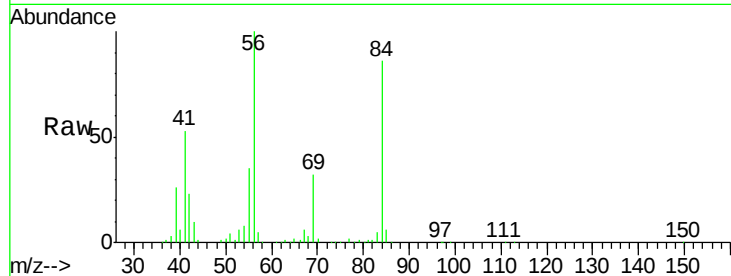
ClientSampleId :

S49-0539MSD

Tot Ion:	56	Resp:	140231
Ion Ratio	Lower	Upper	
56	100		
69	32.2	25.0	37.6
84	84.3	66.4	99.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 45.596 ug/l

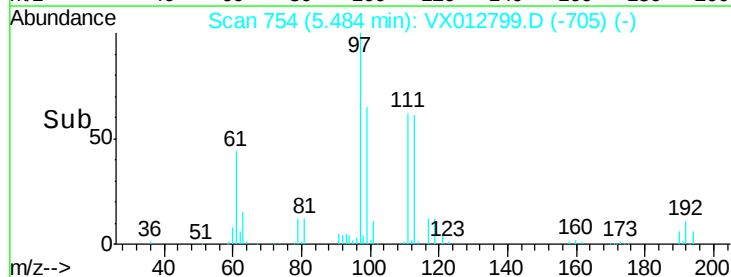
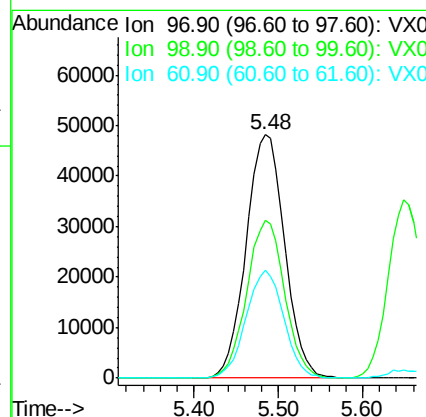
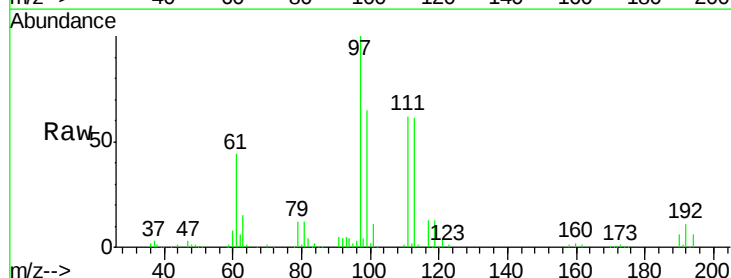
RT: 5.48 min Scan# 754

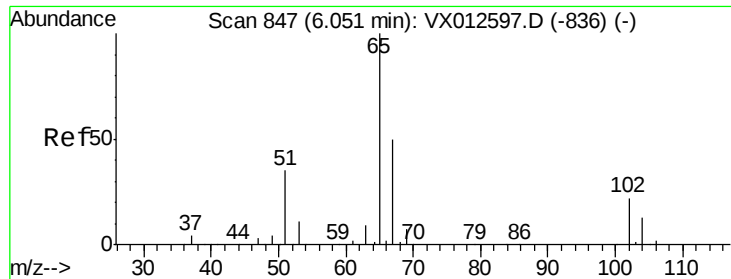
Delta R.T. 0.00 min

Lab File: VX012799.D

Acq: 03 Oct 2019 21:16

Tgt Ion:	97	Resp:	149550
Ion Ratio	Lower	Upper	
97	100		
99	63.8	51.3	76.9
61	43.6	36.1	54.1





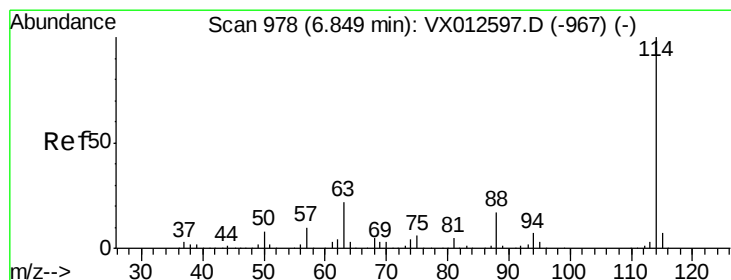
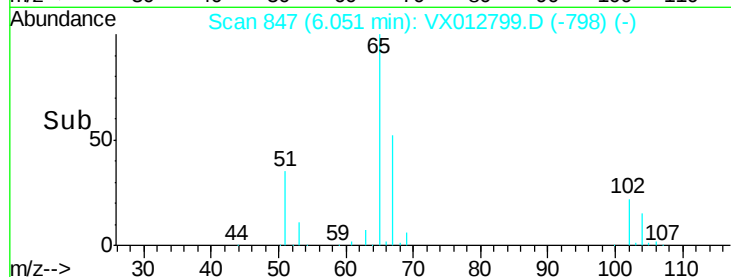
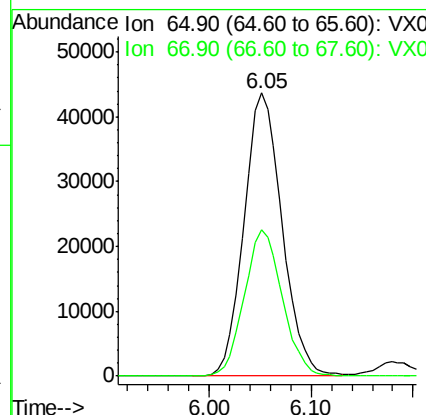
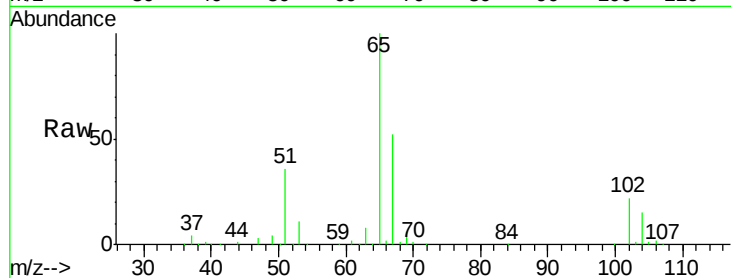
#33
 1,2-Dichloroethane-d4
 Concen: 48.180 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012799.D
 Acq: 03 Oct 2019 21:16

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0539MSD

Tot Ion	Ratio	Resp	Lower	Upper
65	100	113272		
67	51.7	0.0	101.2	

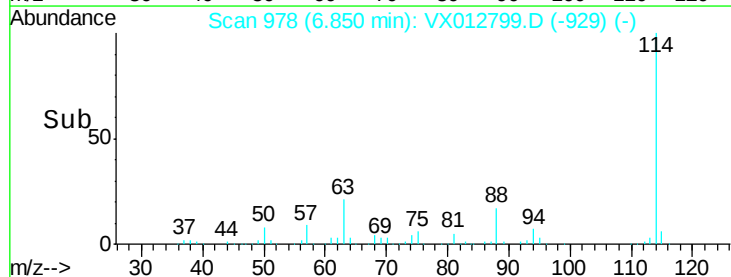
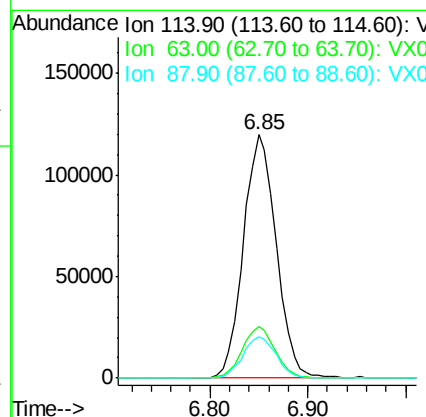
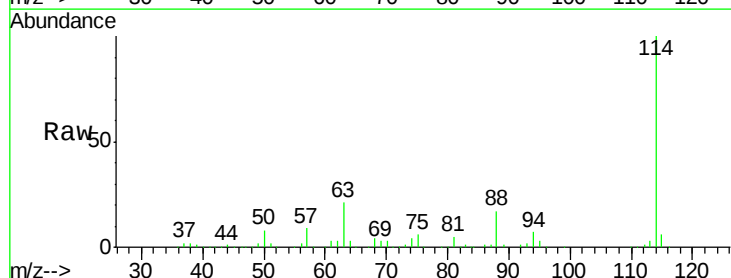
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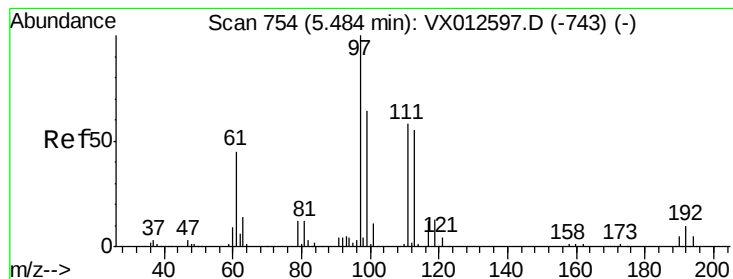
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012799.D
 Acq: 03 Oct 2019 21:16

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	278669		
63	21.3	0.0	43.2	
88	17.0	0.0	33.2	





#35

Dibromofluoromethane

Concen: 53.070 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012799.D

Acq: 03 Oct 2019 21:16

Instrument :

MSVOA_X

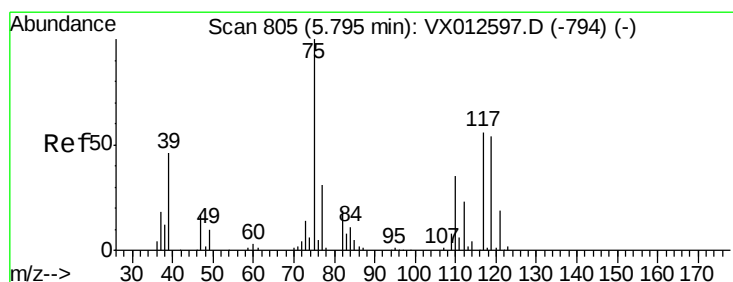
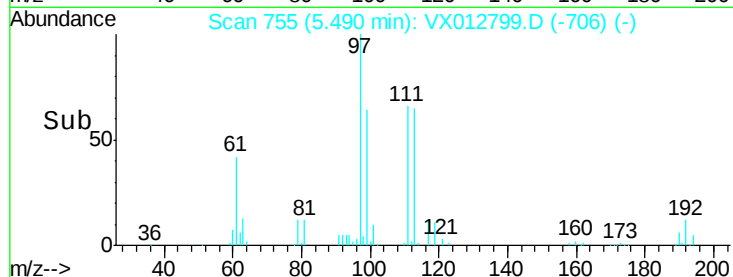
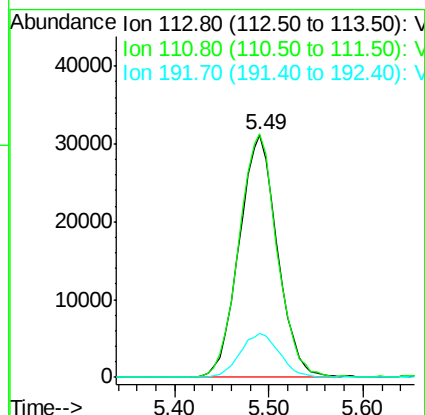
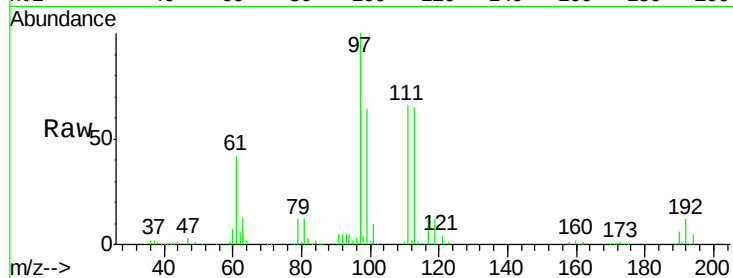
ClientSampleId :

S49-0539MSD

Tot Ion:	113	Resp:	88075
Ion	Ratio	Lower	Upper
113	100		
111	101.4	83.4	125.2
192	18.5	14.4	21.6

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#36

1,1-Dichloropropene

Concen: 45.594 ug/l

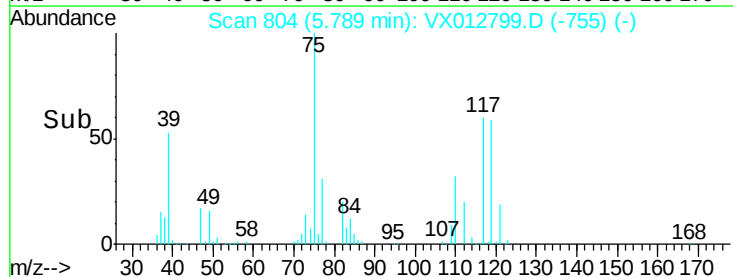
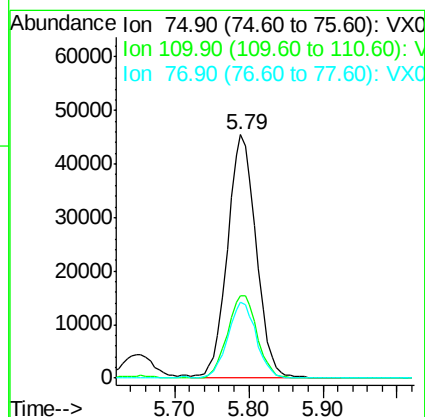
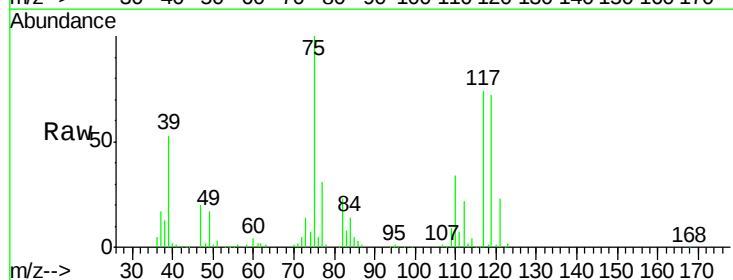
RT: 5.79 min Scan# 804

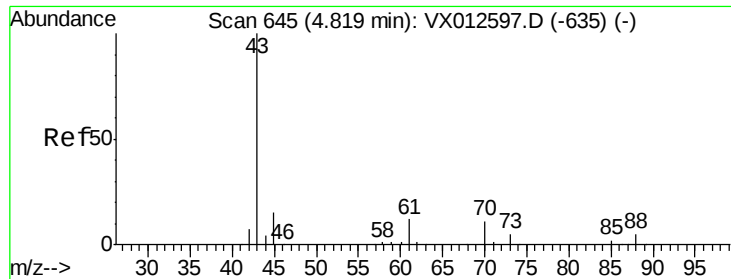
Delta R.T. 0.00 min

Lab File: VX012799.D

Acq: 03 Oct 2019 21:16

Tgt Ion:	75	Resp:	122468
Ion	Ratio	Lower	Upper
75	100		
110	34.9	16.7	50.0
77	31.0	24.2	36.2





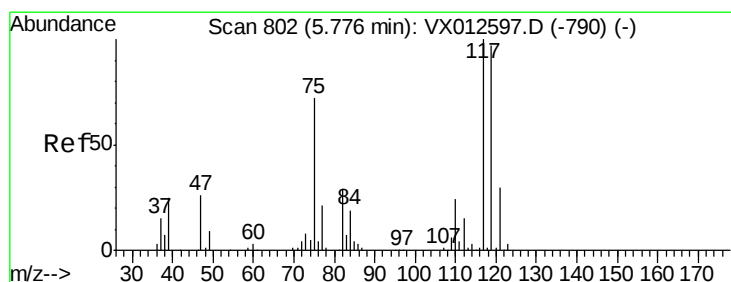
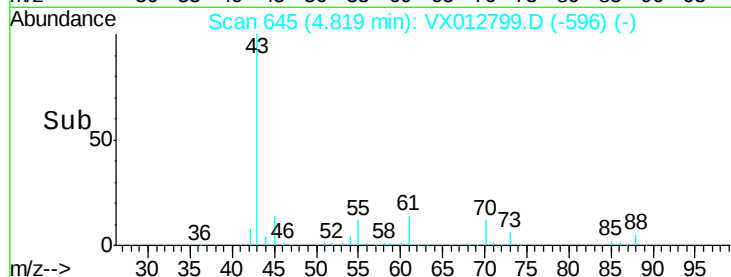
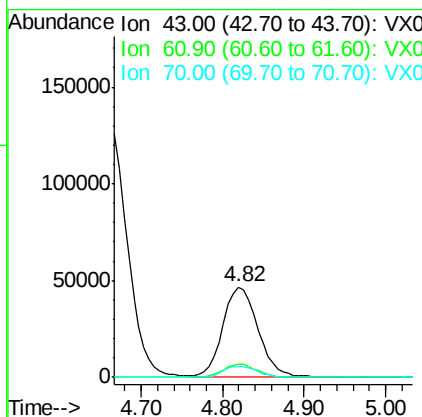
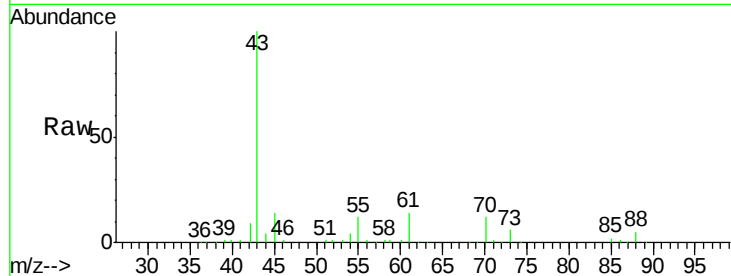
#37
Ethyl Acetate
Concen: 44.318 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX012799.D
Acq: 03 Oct 2019 21:16

Instrument :
MSVOA_X
ClientSampleId :
S49-0539MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.2	10.2	15.4
70	11.9	8.7	13.1

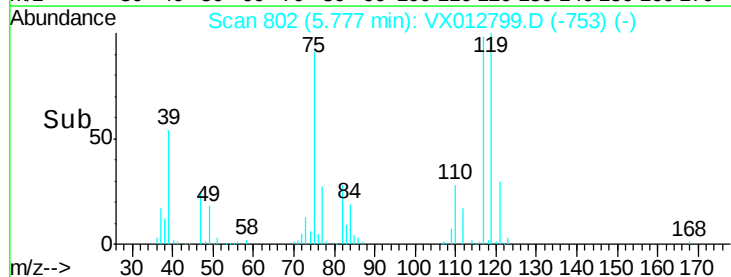
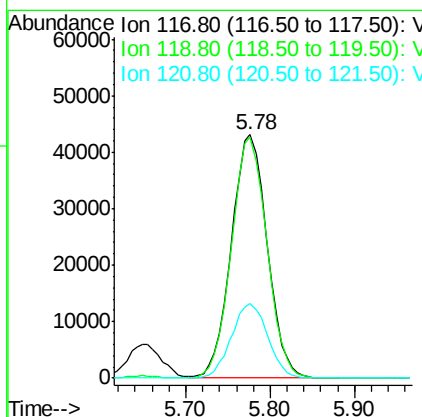
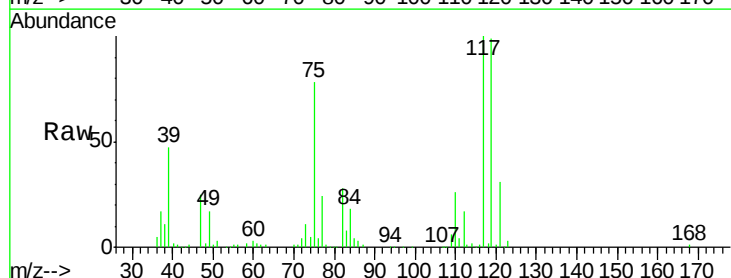
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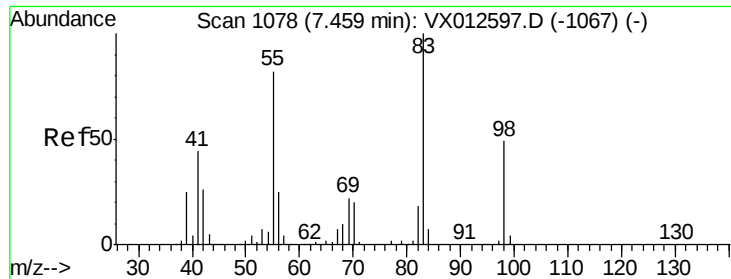
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#38
Carbon Tetrachloride
Concen: 45.638 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX012799.D
Acq: 03 Oct 2019 21:16

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.1	75.7	113.5
121	30.6	24.2	36.4





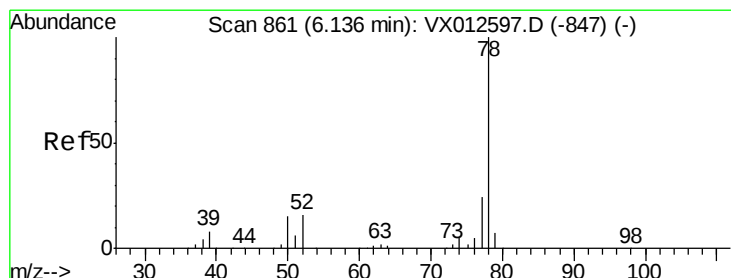
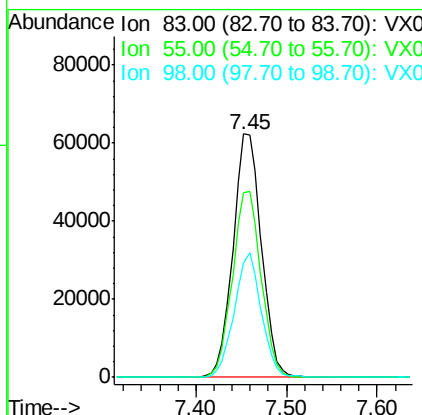
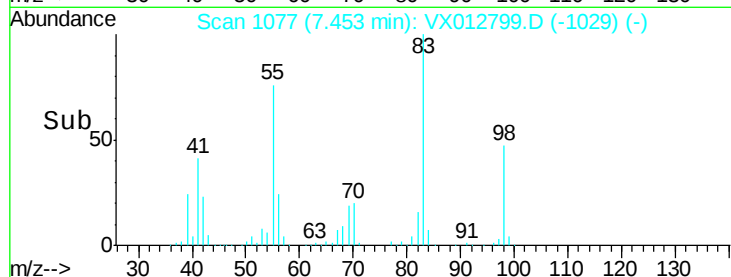
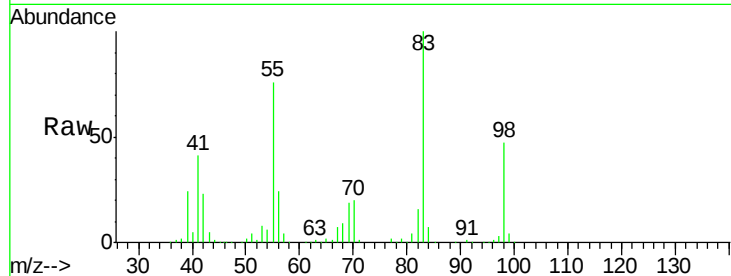
#39
Methvlcvclohexane
Concen: 41.942 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX012799.D
Acq: 03 Oct 2019 21:16

Instrument :
MSVOA_X
ClientSampleId :
S49-0539MSD

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.0	64.4	96.6
98	46.7	40.1	60.1

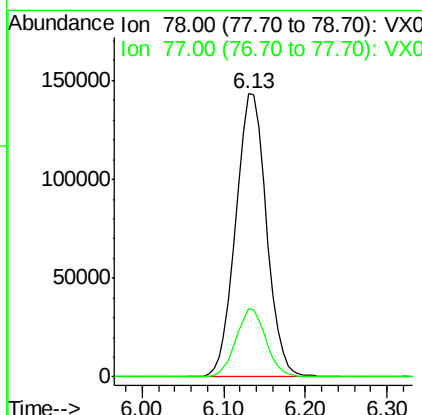
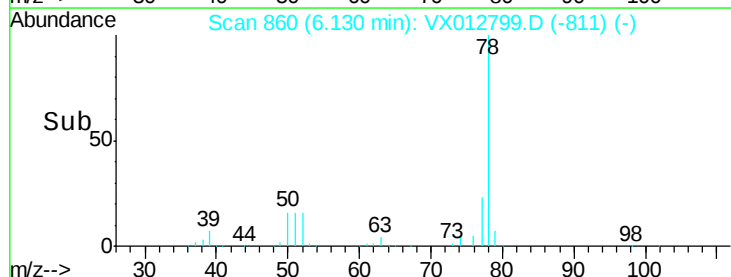
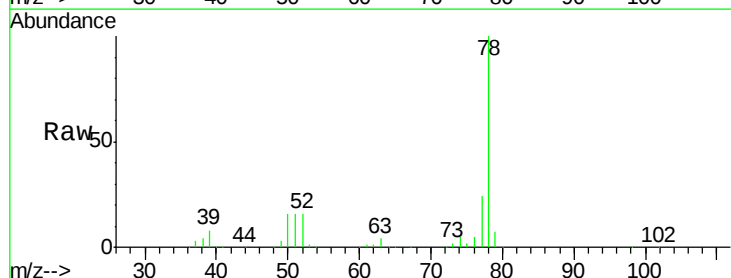
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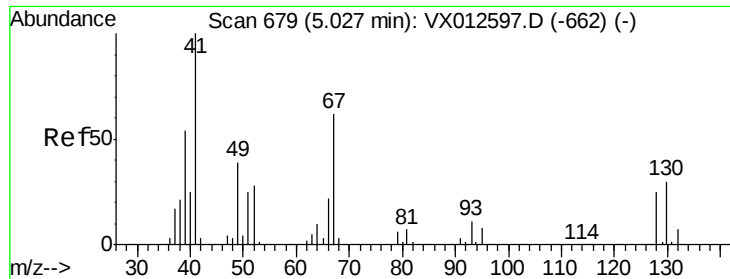
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#40
Benzene
Concen: 47.446 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX012799.D
Acq: 03 Oct 2019 21:16

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.2	28.8





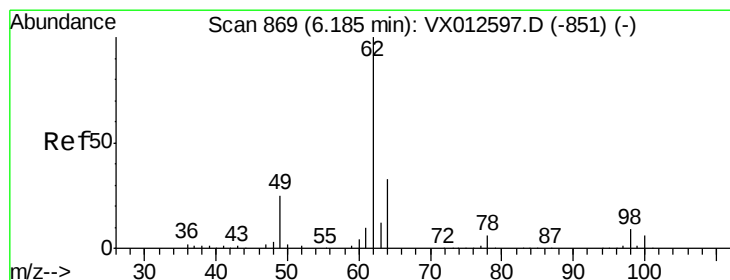
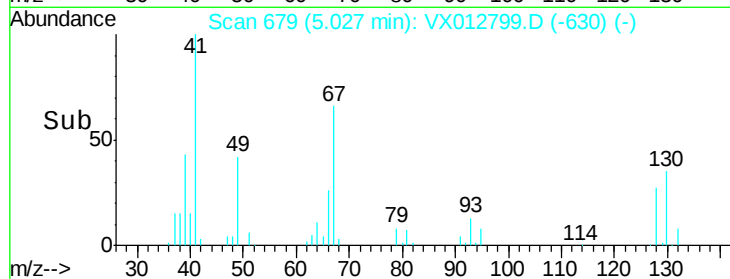
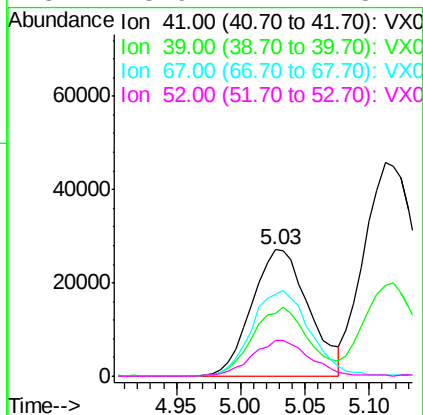
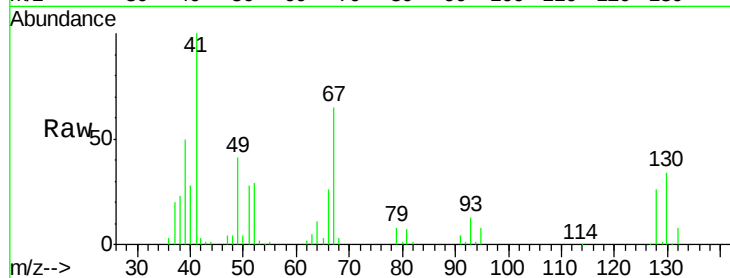
#41
Methacrylonitrile
Concen: 47.466 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX012799.D
Acq: 03 Oct 2019 21:16

Instrument :
MSVOA_X
ClientSampleId :
S49-0539MSD

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.6	46.0	69.0	
67	68.6	52.2	78.2	
52	28.9	22.7	34.1	

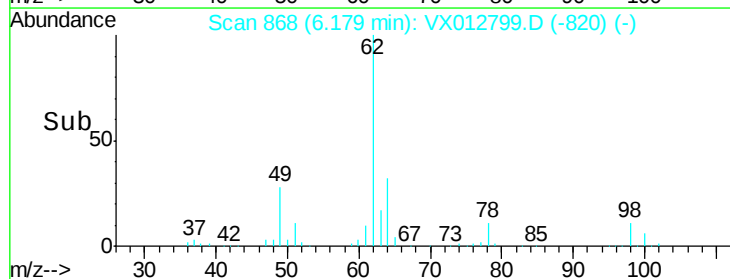
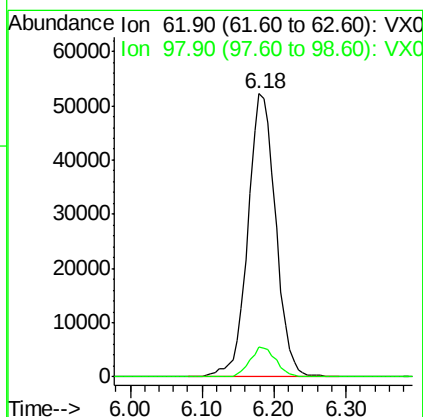
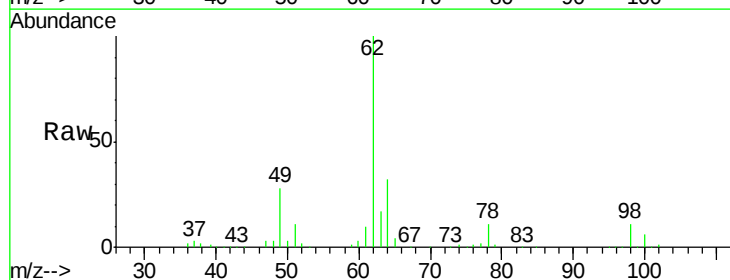
Manual Integrations
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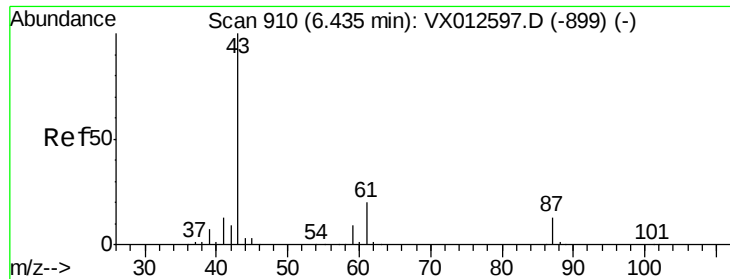
MMDadoda
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#42
1,2-Dichloroethane
Concen: 46.719 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX012799.D
Acq: 03 Oct 2019 21:16

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.9	0.0	17.8	





#43

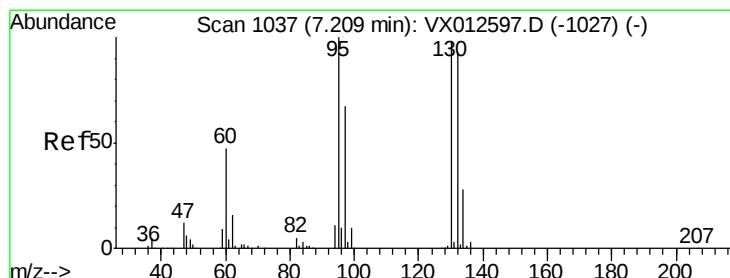
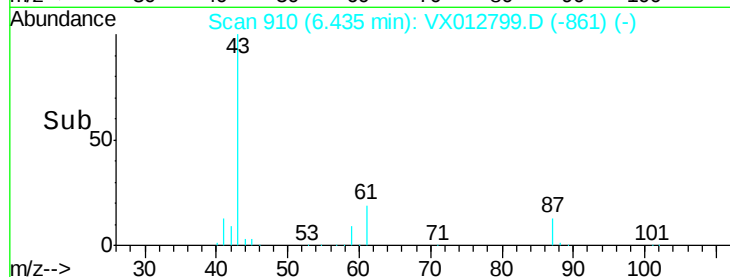
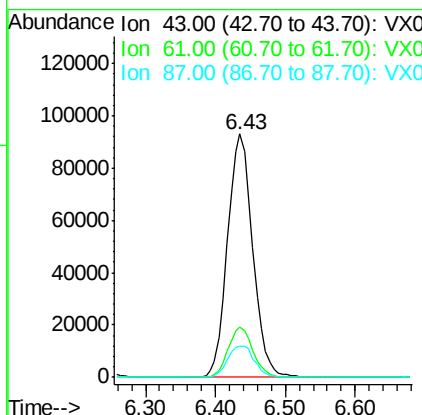
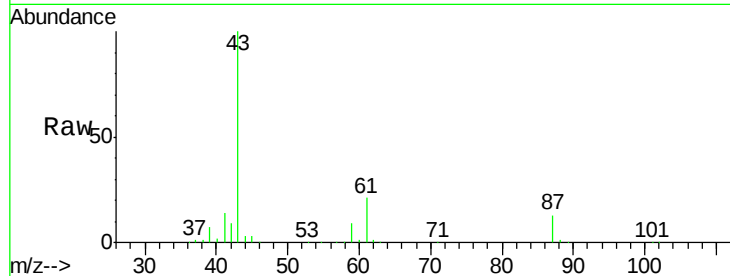
Isopropyl Acetate
 Concen: 44.190 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX012799.D
 Acq: 03 Oct 2019 21:16

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0539MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.5	15.4	23.0
87	13.8	9.8	14.8

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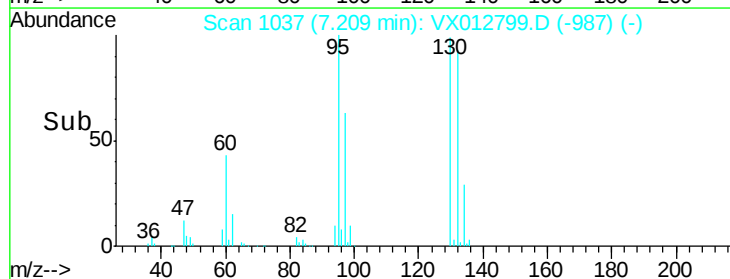
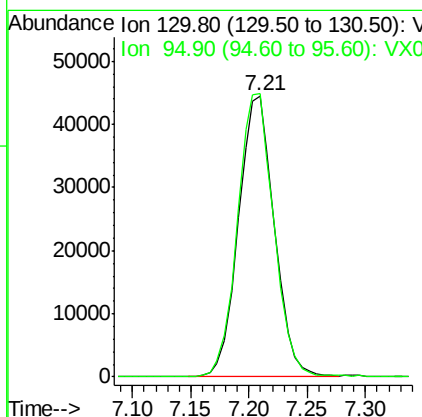
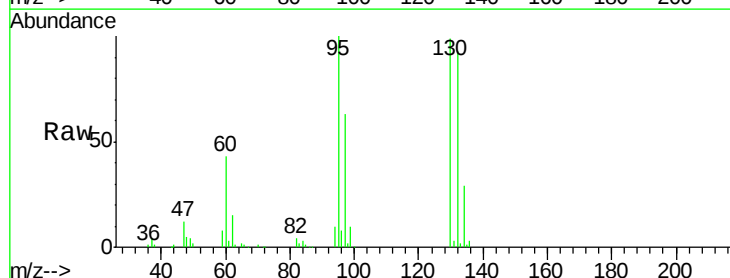
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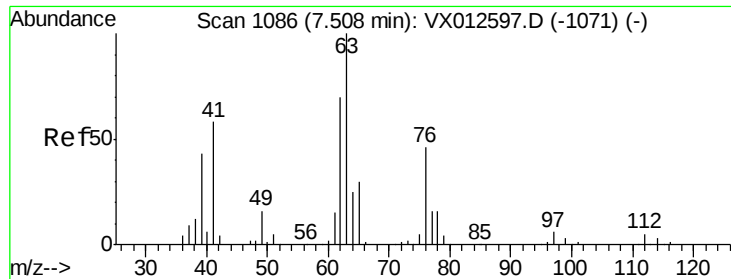


#44

Trichloroethene
 Concen: 47.265 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: VX012799.D
 Acq: 03 Oct 2019 21:16

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.6	0.0	193.0





#45

1,2-Dichloropropane

Concen: 48.300 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX012799.D

Acq: 03 Oct 2019 21:16

Instrument :

MSVOA_X

ClientSampled :

S49-0539MSD

Tot Ion: 63 Resp: 97731

Ion Ratio Lower Upper

63 100

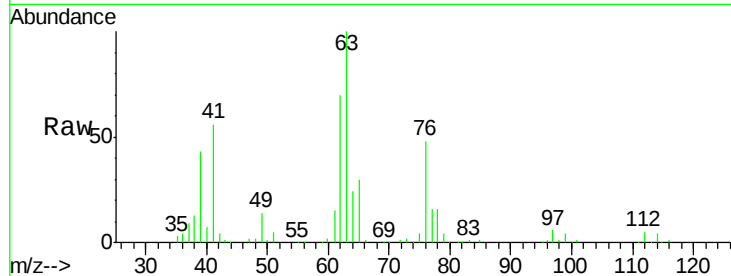
65 29.7 25.0 37.6

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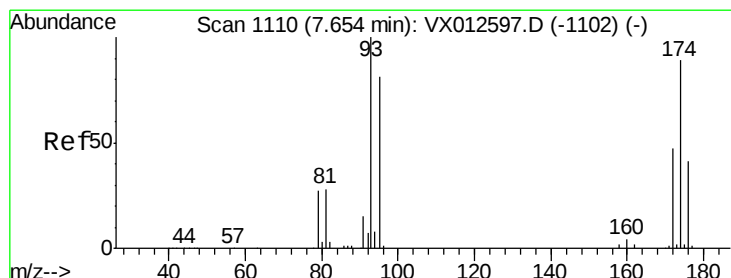
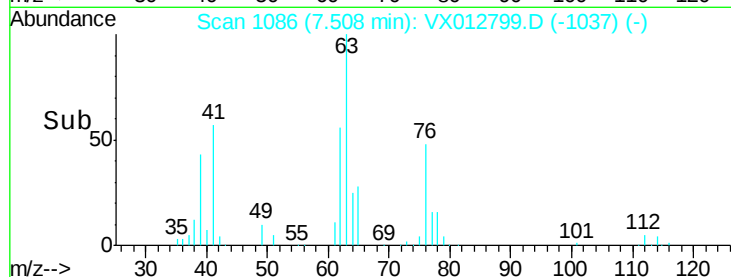
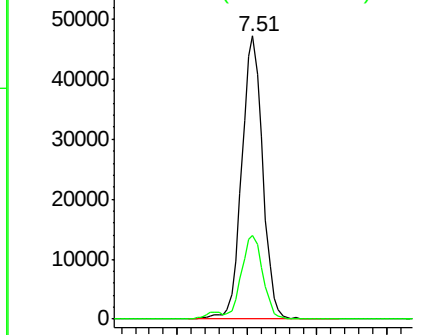
MMDadoda

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 47.867 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX012799.D

Acq: 03 Oct 2019 21:16

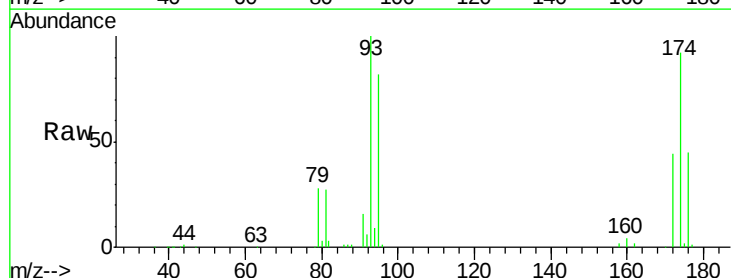
Tgt Ion: 93 Resp: 65944

Ion Ratio Lower Upper

93 100

95 82.8 66.6 100.0

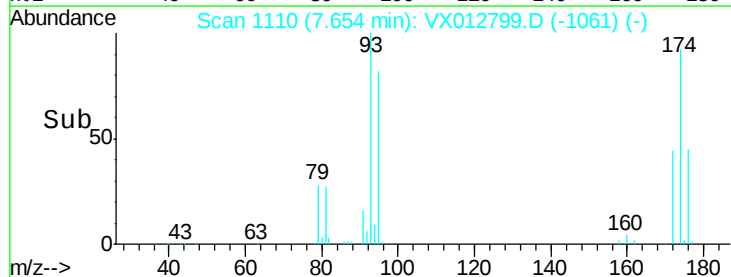
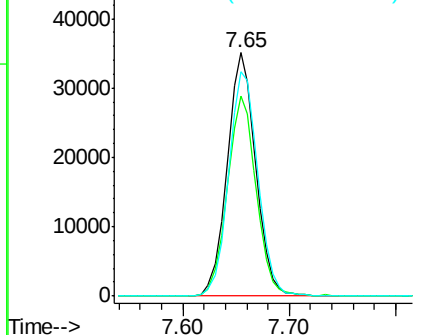
174 94.6 77.4 116.0

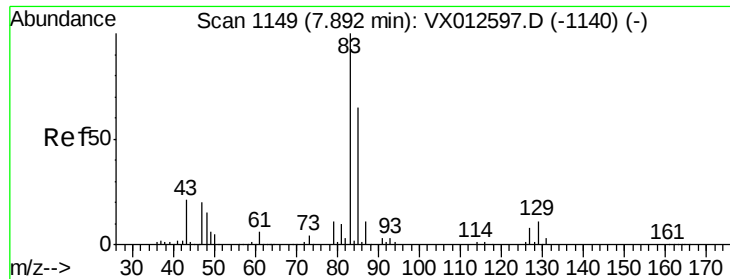


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





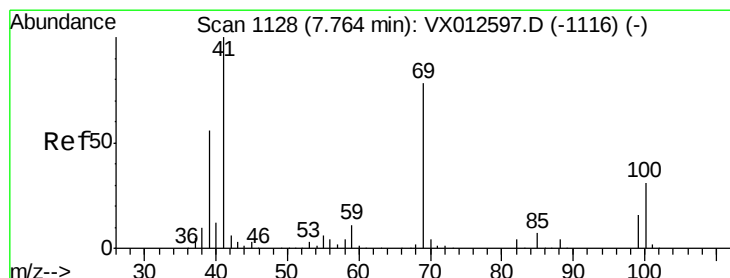
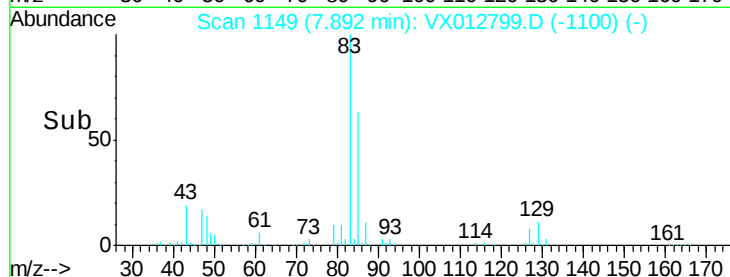
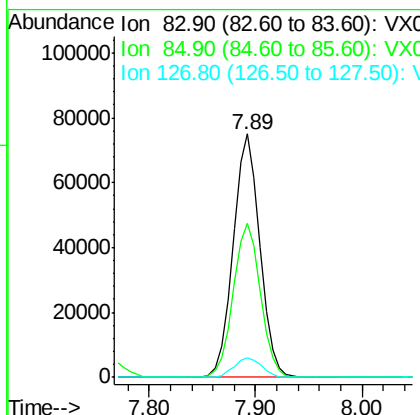
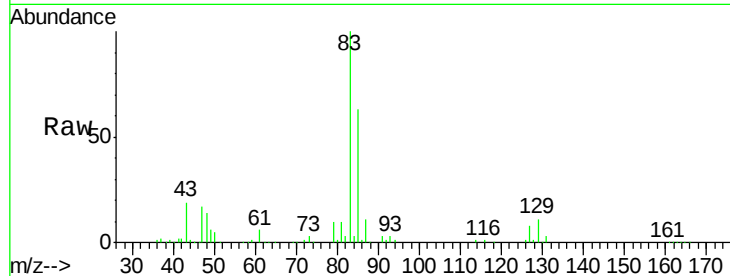
#47
Bromodichloromethane
Concen: 47.765 ug/l
RT: 7.89 min Scan# 1149
Delta R.T. 0.00 min
Lab File: VX012799.D
Acq: 03 Oct 2019 21:16

Instrument :
MSVOA_X
ClientSampleId :
S49-0539MSD

Tot Ion	83	Resp	131515
Ion Ratio	100	Lower	Upper
83	100		
85	63.3	51.8	77.6
127	8.3	7.3	10.9

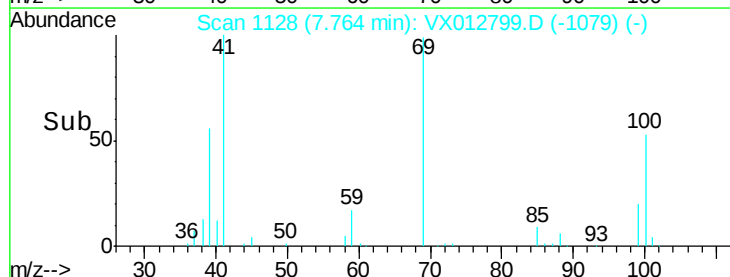
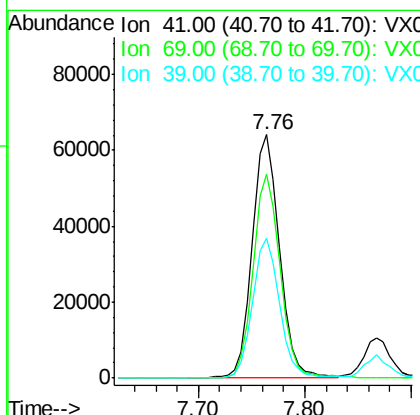
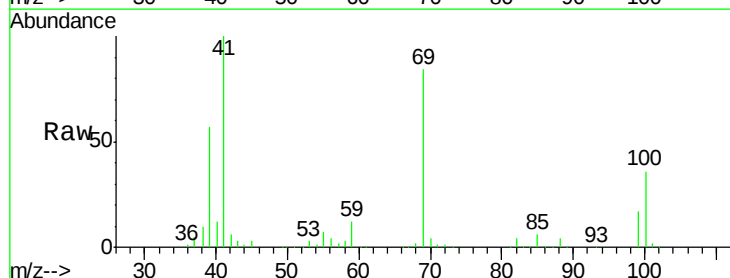
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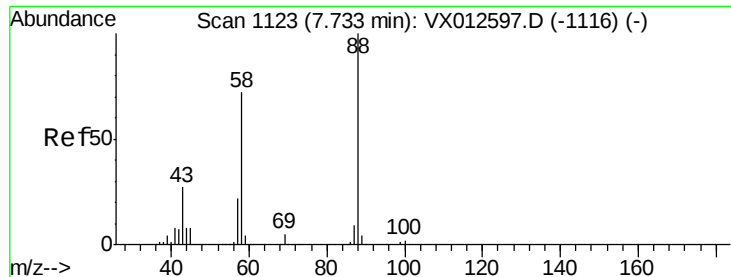
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#48
Methyl methacrylate
Concen: 46.170 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX012799.D
Acq: 03 Oct 2019 21:16

Tgt Ion	41	Resp	116261
Ion Ratio	100	Lower	Upper
41	100		
69	82.8	59.9	89.9
39	56.6	47.8	71.6





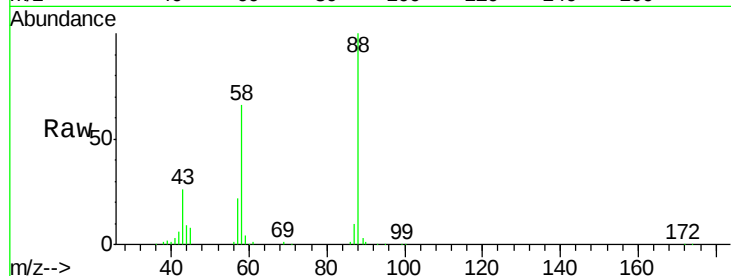
#49
1,4-Dioxane
Concen: 932.280 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX012799.D
Acq: 03 Oct 2019 21:16

Instrument :
MSVOA_X
ClientSampleId :
S49-0539MSD

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.5	29.4	44.0
58	70.8	57.5	86.3

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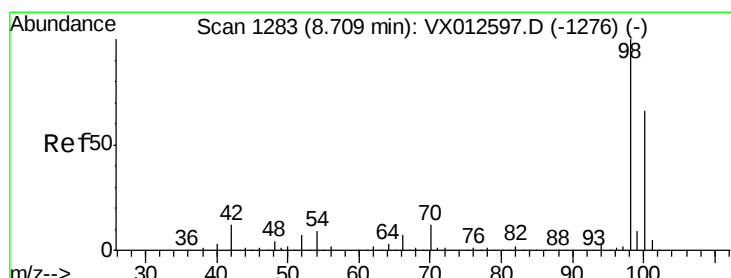
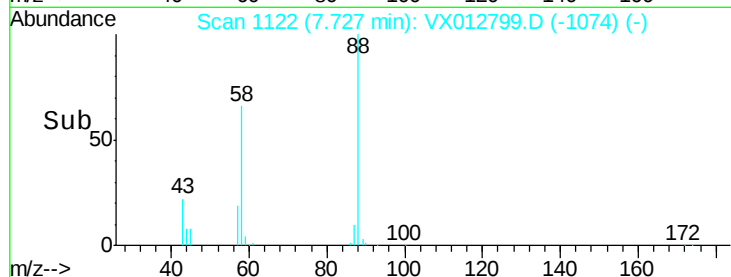
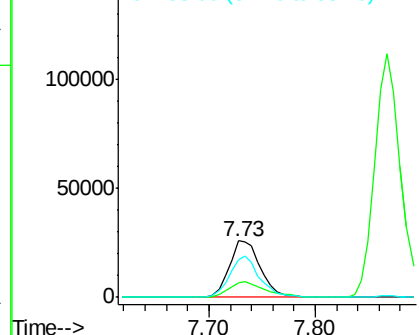


Abundance

Ion 88.00 (87.70 to 88.70): VX0

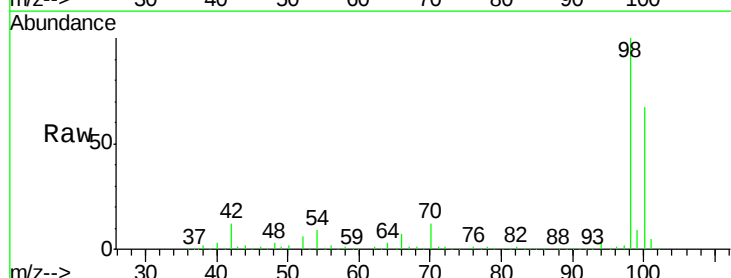
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 50.615 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012799.D
Acq: 03 Oct 2019 21:16

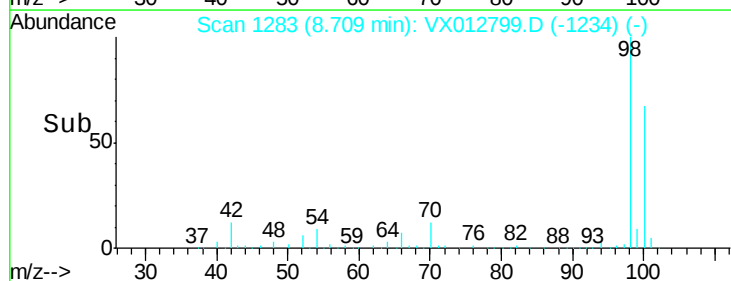
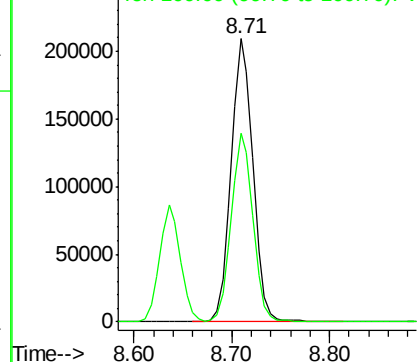
Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.4	80.2

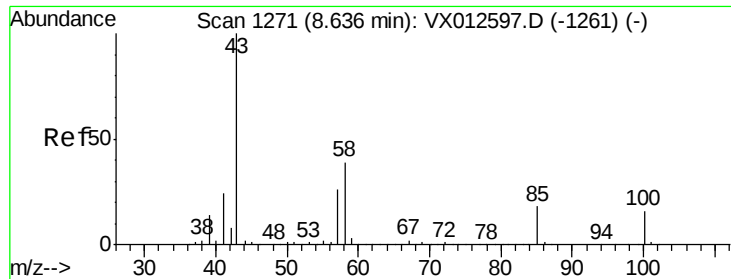


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 234.780 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012799.D

Acq: 03 Oct 2019 21:16

Instrument :

MSVOA_X

ClientSampleId :

S49-0539MSD

Tot Ion: 43 Resp: 761087

Ion Ratio Lower Upper

43 100

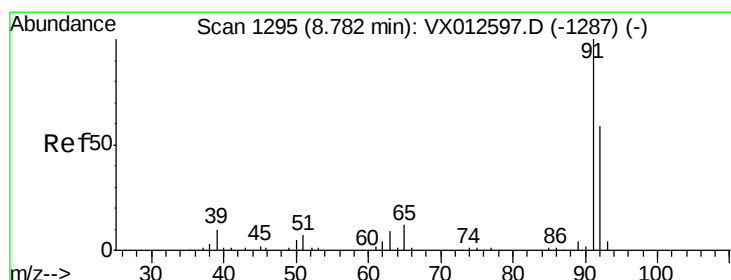
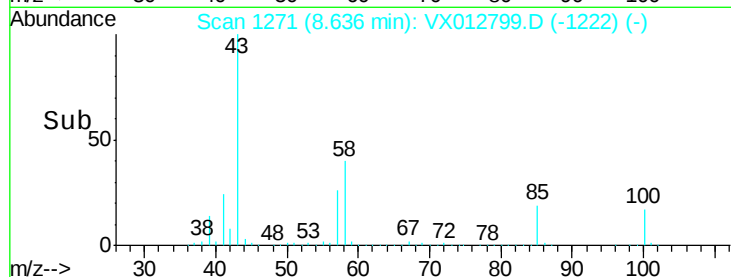
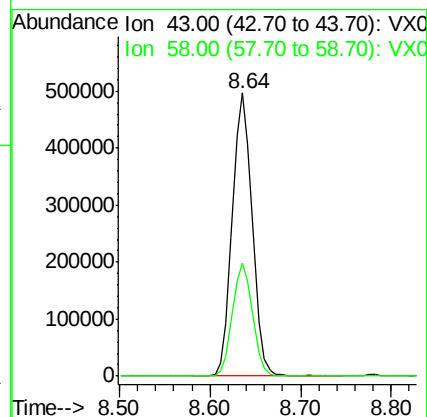
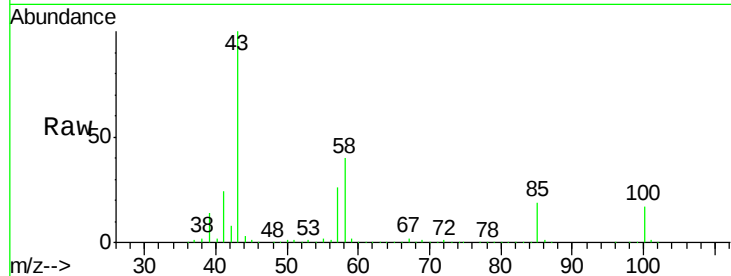
58 40.0 29.8 44.6

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#52

Toluene

Concen: 48.286 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX012799.D

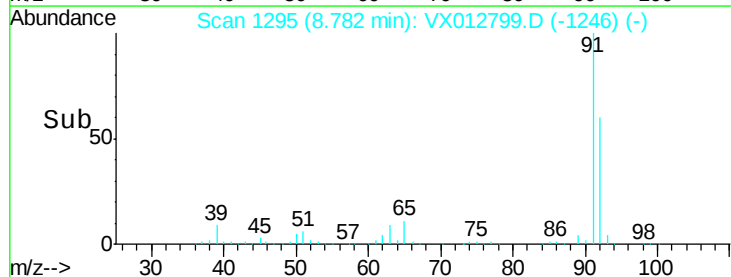
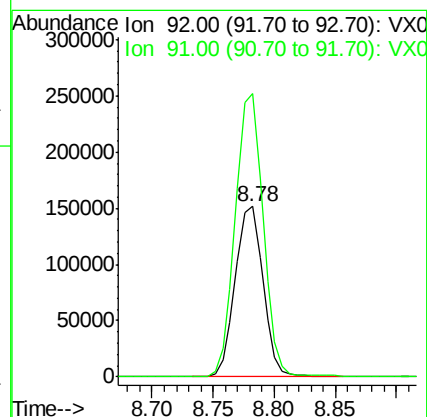
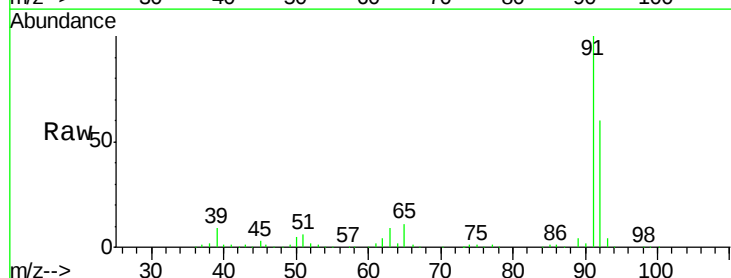
Acq: 03 Oct 2019 21:16

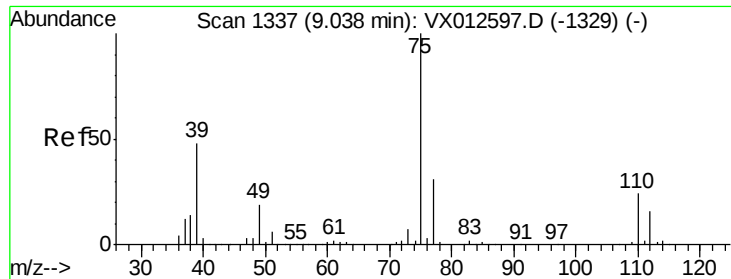
Tgt Ion: 92 Resp: 239849

Ion Ratio Lower Upper

92 100

91 166.8 135.4 203.0





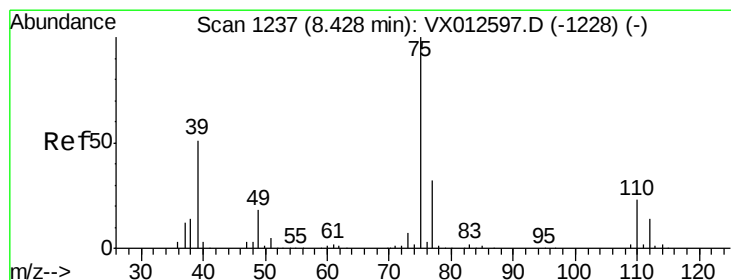
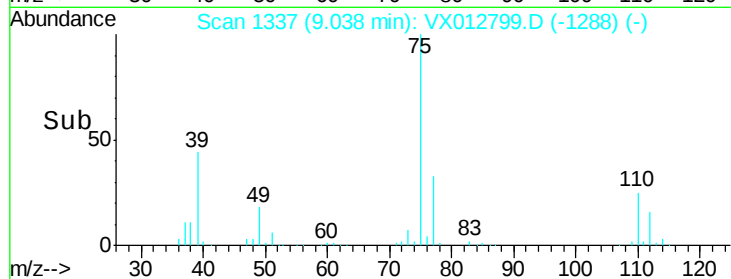
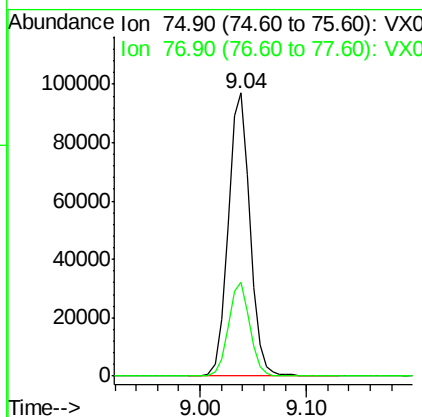
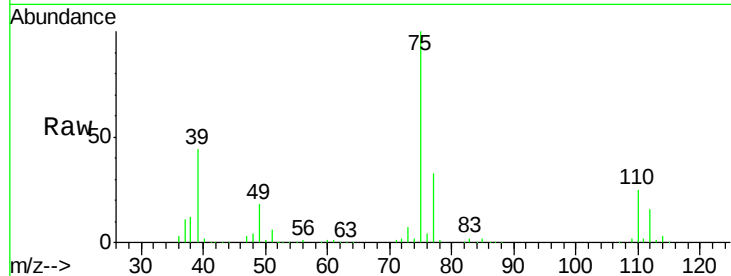
#53
t-1,3-Dichloropropene
Concen: 45.669 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX012799.D
Acq: 03 Oct 2019 21:16

Instrument :
MSVOA_X
ClientSampleId :
S49-0539MSD

Tot Ion: 75 Resp: 139126
Ion Ratio Lower Upper
75 100
77 33.2 25.2 37.8

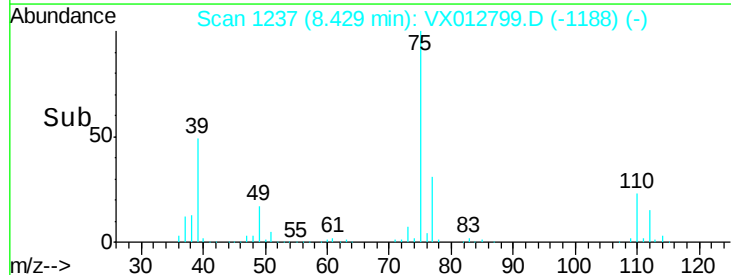
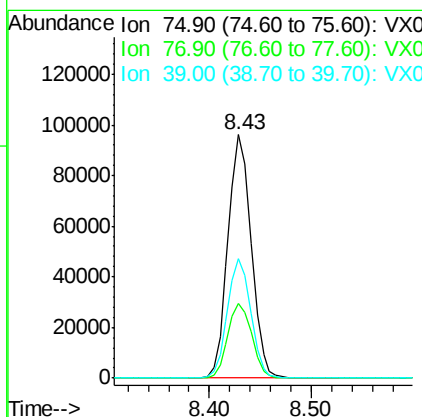
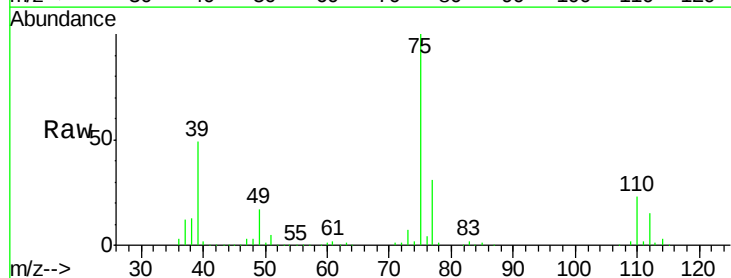
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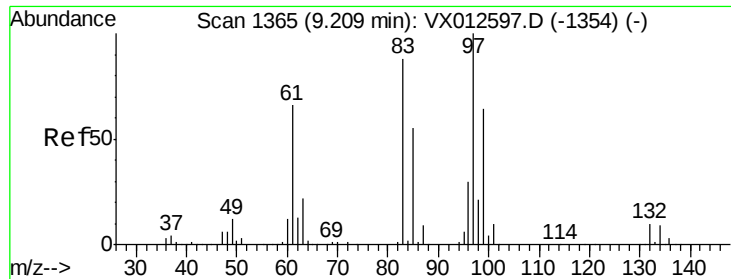
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#54
cis-1,3-Dichloropropene
Concen: 45.720 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX012799.D
Acq: 03 Oct 2019 21:16

Tgt Ion: 75 Resp: 152072
Ion Ratio Lower Upper
75 100
77 30.9 25.8 38.8
39 49.1 45.5 68.3





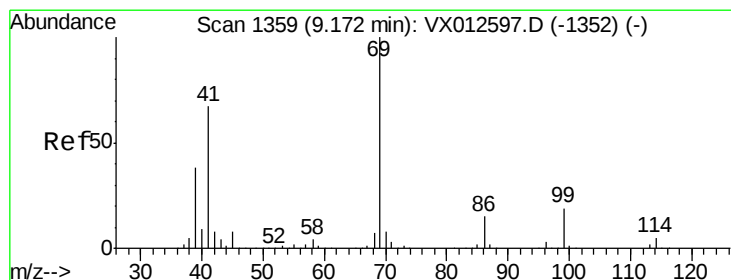
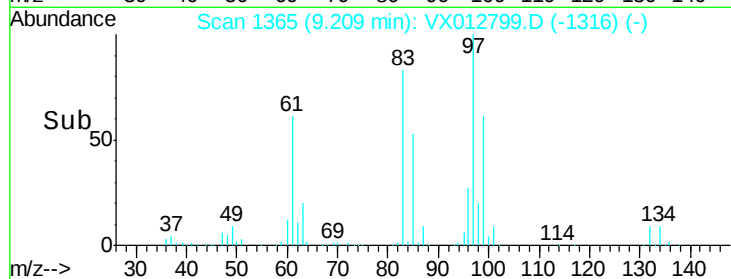
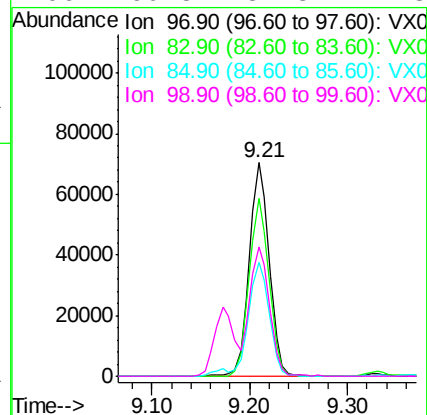
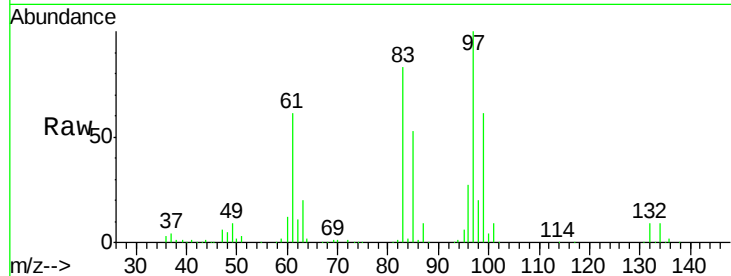
#55
 1,1,2-Trichloroethane
 Concen: 50.608 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012799.D
 Acq: 03 Oct 2019 21:16

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0539MSD

Tot Ion:	97	Resp:	99941
Ion	Ratio	Lower	Upper
97	100		
83	83.3	67.4	101.2
85	53.3	43.5	65.3
99	60.8	51.8	77.8

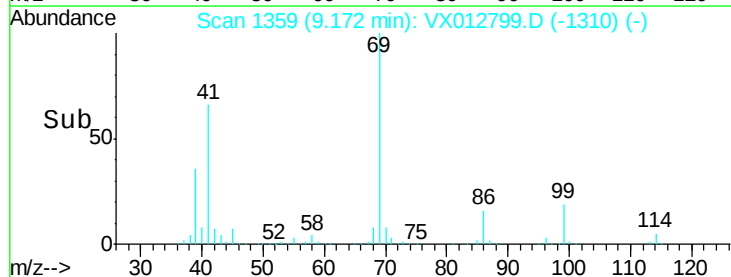
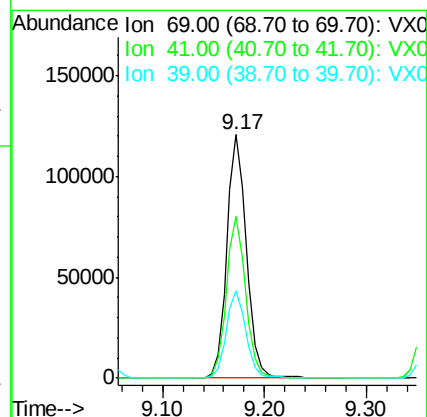
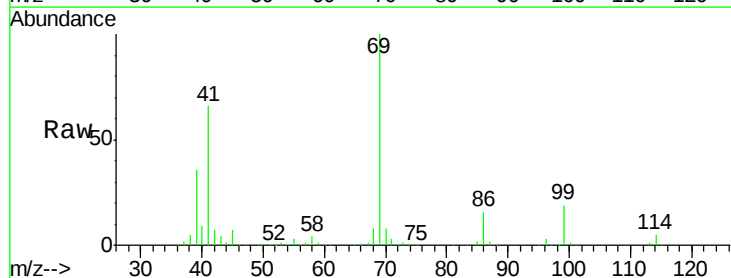
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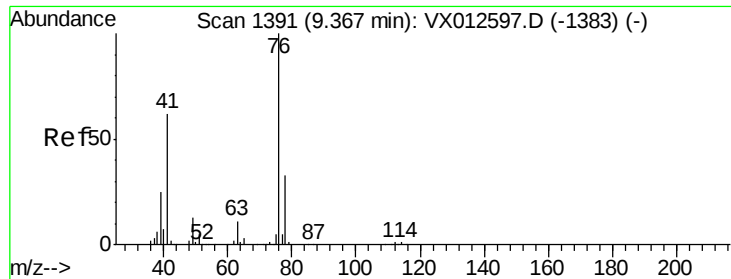
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#56
 Ethyl methacrylate
 Concen: 48.591 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012799.D
 Acq: 03 Oct 2019 21:16

Tgt Ion:	69	Resp:	161211
Ion	Ratio	Lower	Upper
69	100		
41	65.8	58.4	87.6
39	36.0	33.4	50.0





#57

1,3-Dichloropropane

Concen: 48.858 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX012799.D

Acq: 03 Oct 2019 21:16

Instrument :

MSVOA_X

ClientSampleId :

S49-0539MSD

Tot Ion: 76 Resp: 168867

Ion Ratio Lower Upper

76 100

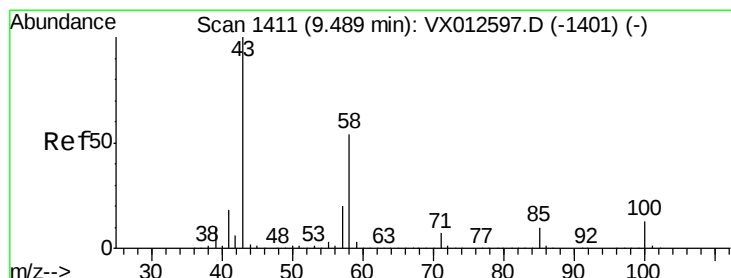
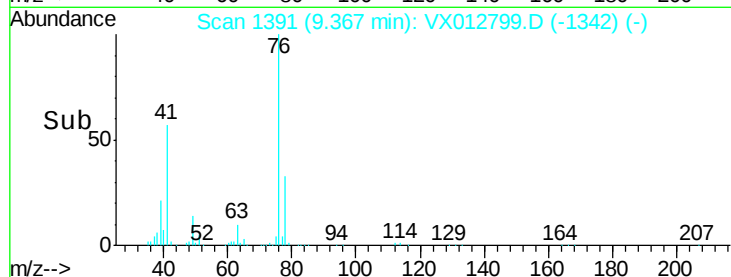
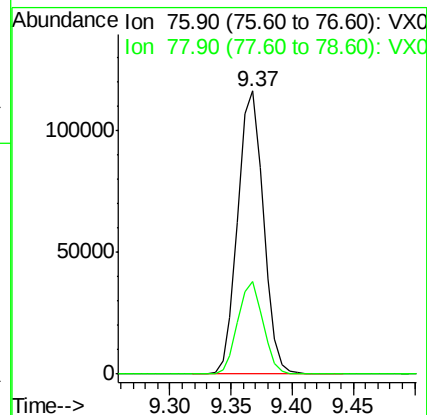
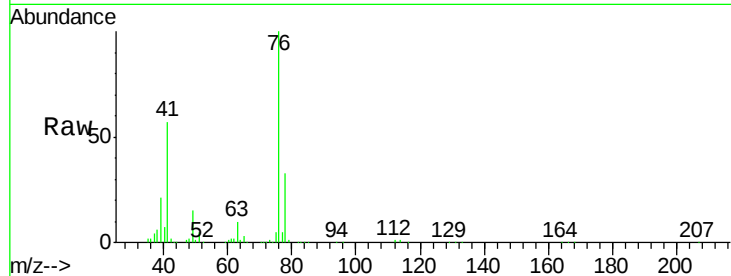
78 32.0 26.2 39.2

Manual Integrations

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#59

2-Hexanone

Concen: 237.479 ug/l

RT: 9.48 min Scan# 1410

Delta R.T. -0.01 min

Lab File: VX012799.D

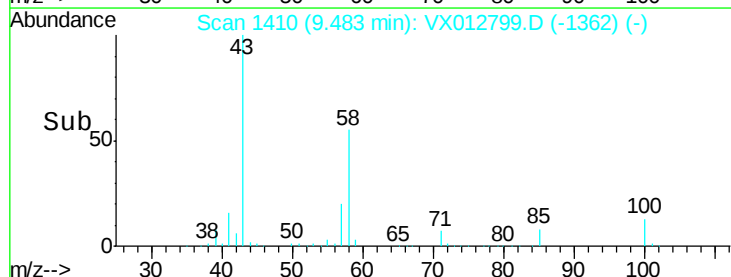
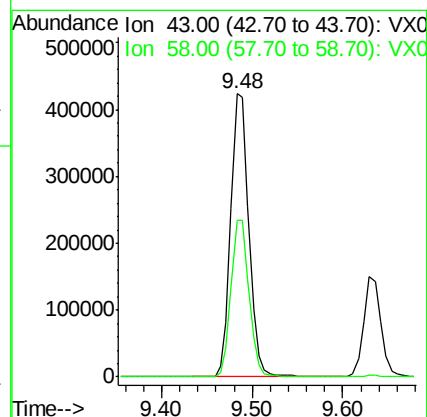
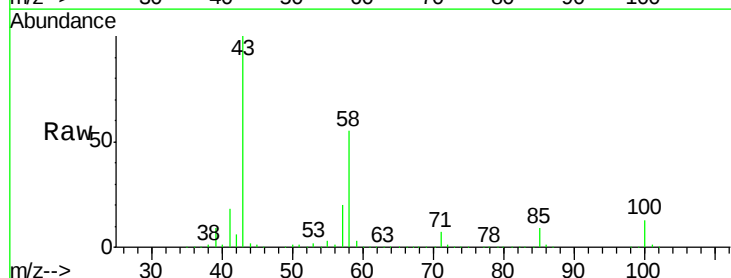
Acq: 03 Oct 2019 21:16

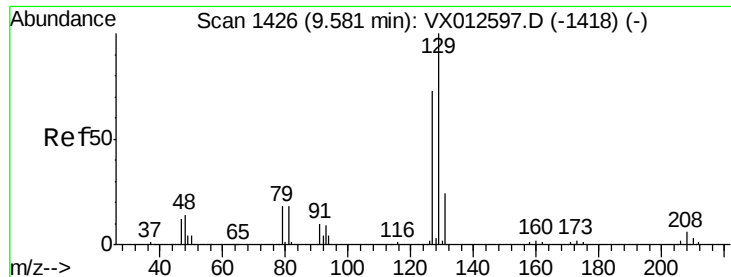
Tgt Ion: 43 Resp: 589263

Ion Ratio Lower Upper

43 100

58 55.5 25.7 77.1





#60

Dibromochloromethane

Concen: 49.207 ug/l

RT: 9.58 min Scan# 1426

Delta R.T. 0.00 min

Lab File: VX012799.D

Acq: 03 Oct 2019 21:16

Instrument :

MSVOA_X

ClientSampleId :

S49-0539MSD

Tot Ion:129 Resp: 98370

Ion Ratio Lower Upper

129 100

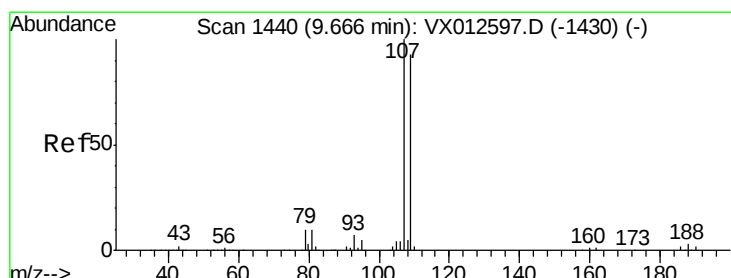
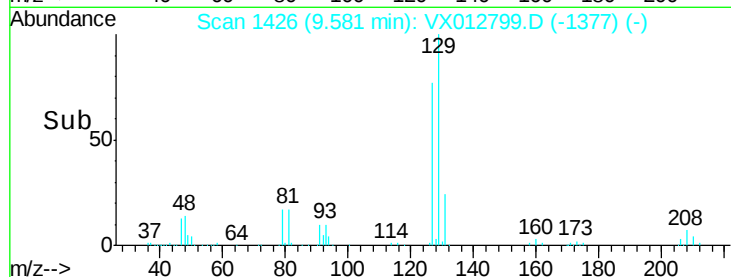
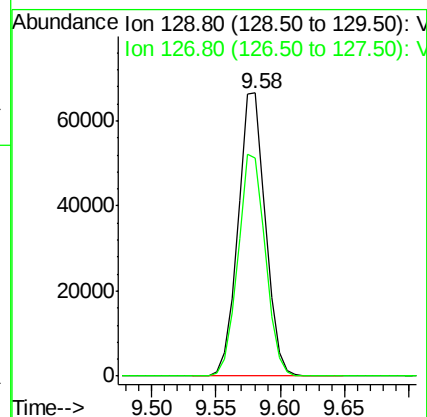
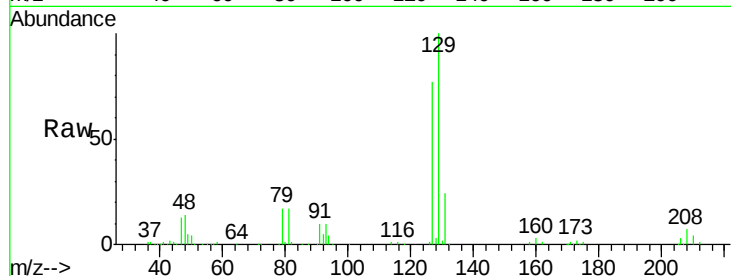
127 78.5 38.9 116.6

Manual Integrations

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#61

1,2-Dibromoethane

Concen: 49.609 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012799.D

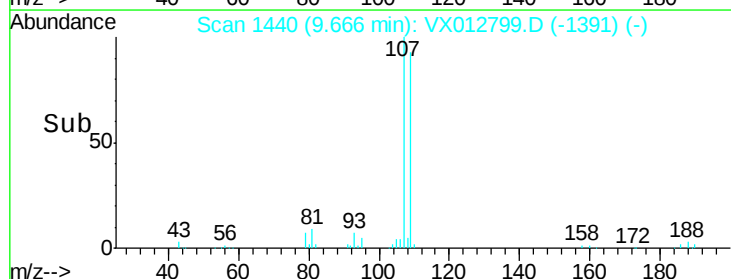
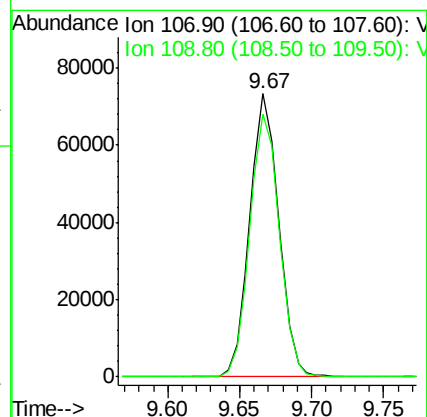
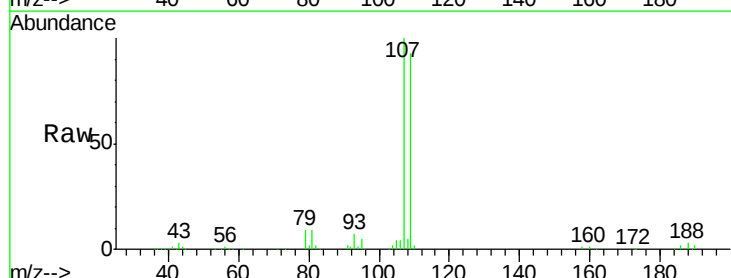
Acq: 03 Oct 2019 21:16

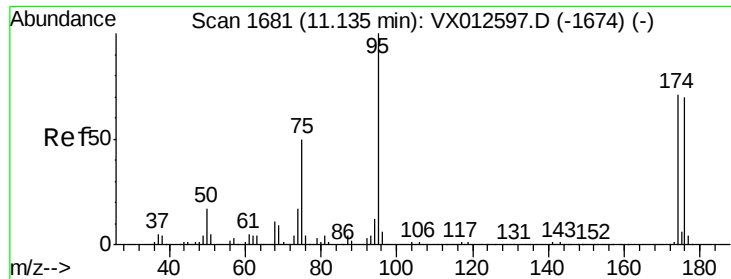
Tgt Ion:107 Resp: 101958

Ion Ratio Lower Upper

107 100

109 94.5 74.7 112.1





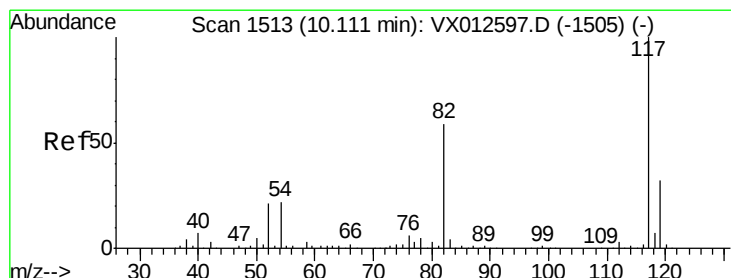
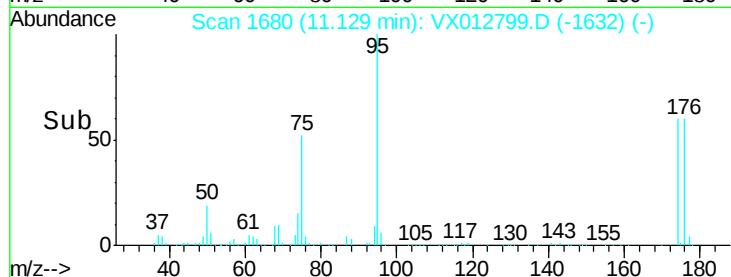
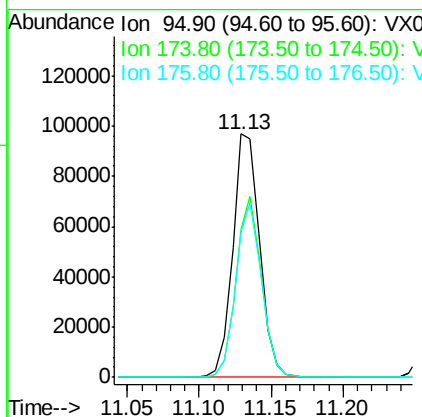
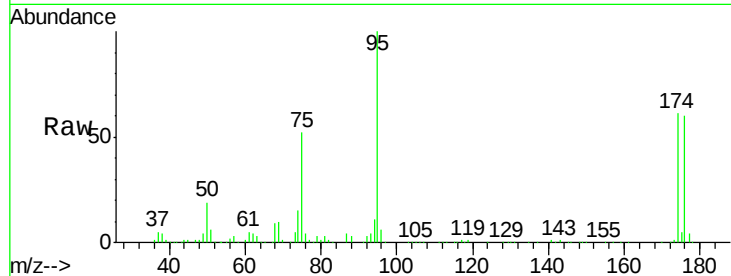
#62
4-Bromofluorobenzene
Concen: 50.429 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX012799.D
Acq: 03 Oct 2019 21:16

Instrument :
MSVOA_X
ClientSampleId :
S49-0539MSD

Tot Ion	Ratio	Resp	Lower	Upper
95	100	126730		
174	69.8	0.0	140.0	
176	68.6	0.0	135.4	

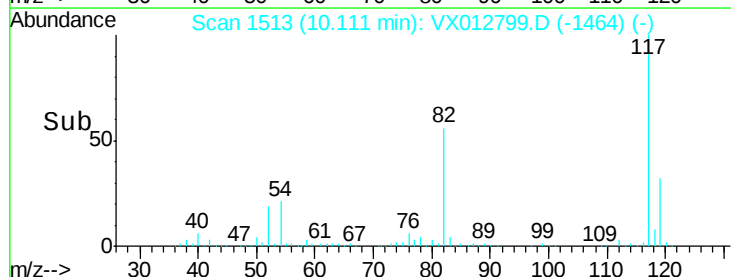
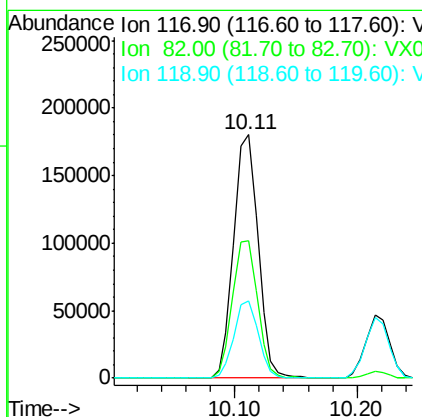
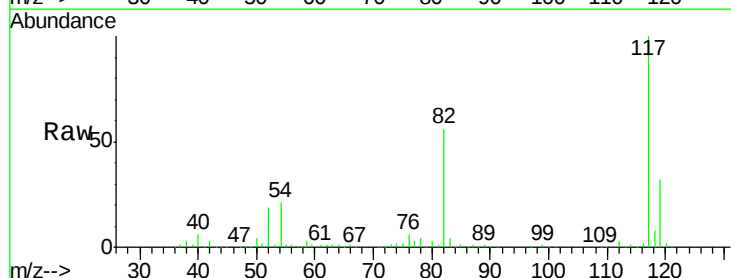
Manual Integrations
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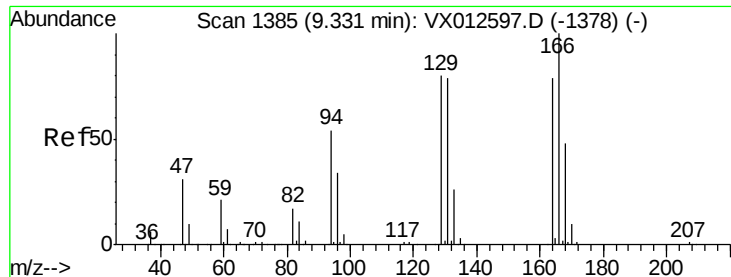
MMDadoda
10/4/2019 9:19:25 AM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012799.D
Acq: 03 Oct 2019 21:16

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	249813		
82	56.2	45.9	68.9	
119	31.9	25.3	37.9	





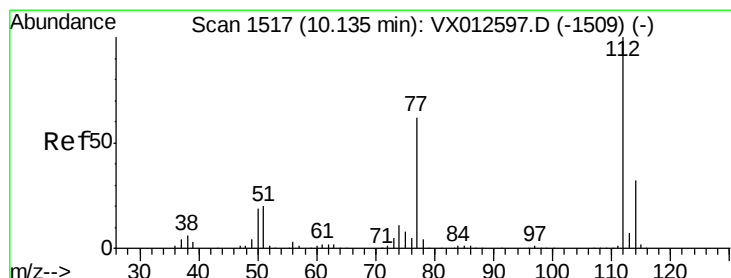
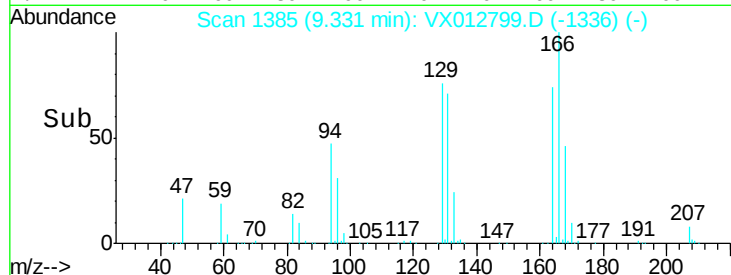
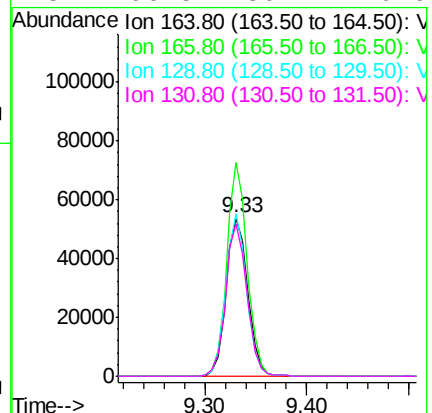
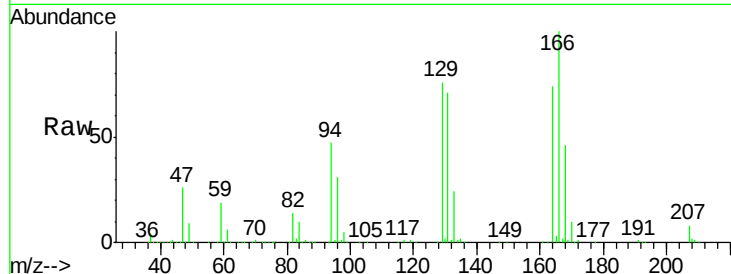
#64
Tetrachloroethene
Concen: 45.464 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012799.D
Acq: 03 Oct 2019 21:16

Instrument :
MSVOA_X
ClientSampleId :
S49-0539MSD

Tot Ion	Ratio	Lower	Upper
164	100		
166	135.3	107.8	161.6
129	102.7	86.2	129.2
131	96.5	80.4	120.6

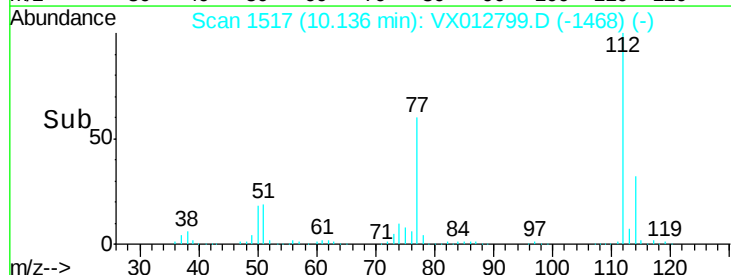
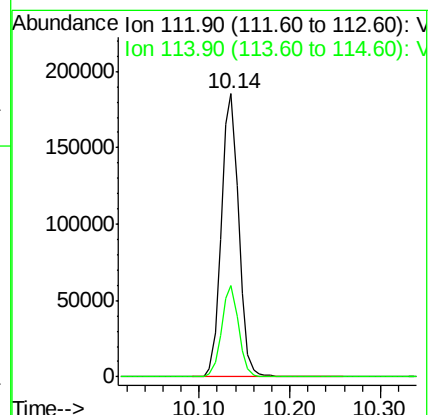
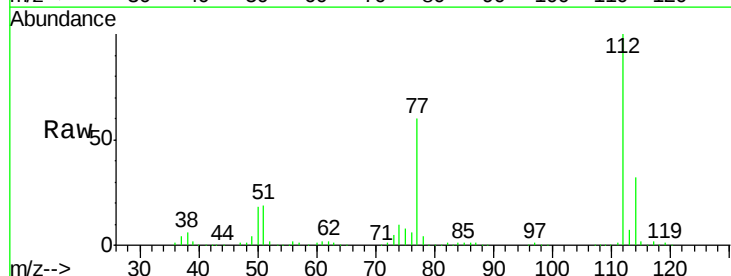
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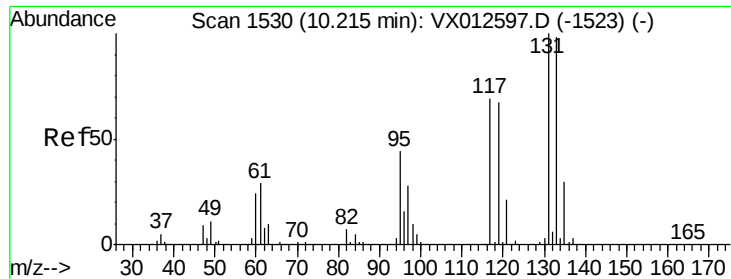
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#65
Chlorobenzene
Concen: 47.463 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012799.D
Acq: 03 Oct 2019 21:16

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.5	25.4	38.0





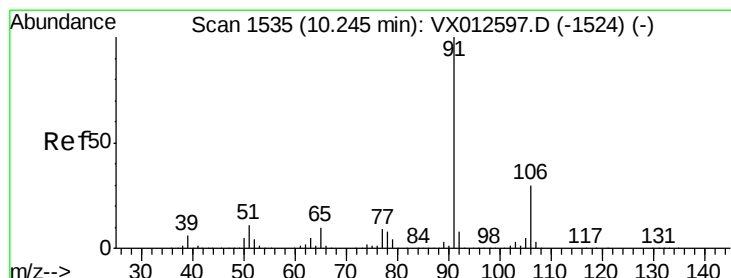
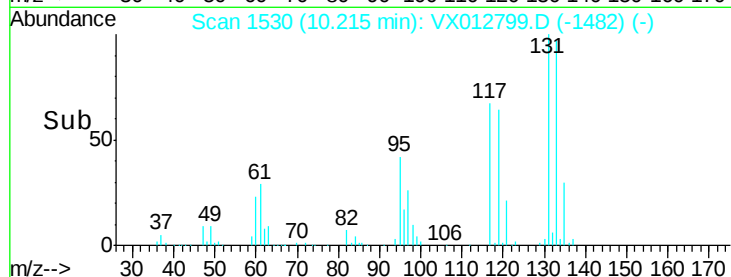
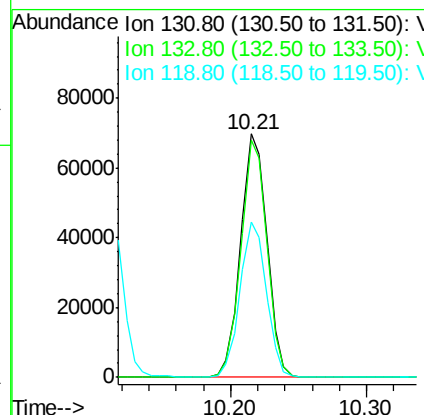
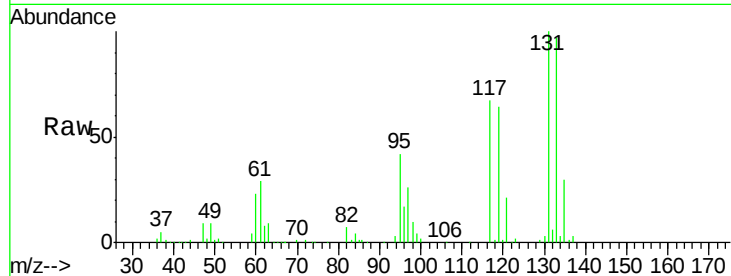
#66
 1,1,1,2-Tetrachloroethane
 Concen: 49.471 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VX012799.D
 Acq: 03 Oct 2019 21:16

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0539MSD

Tot Ion	Ratio	Lower	Upper
131	100		
133	95.9	47.6	142.9
119	64.0	31.3	93.8

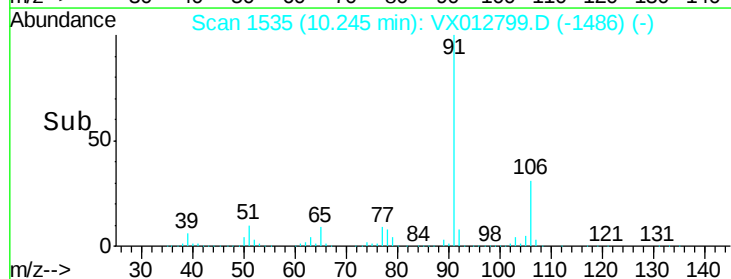
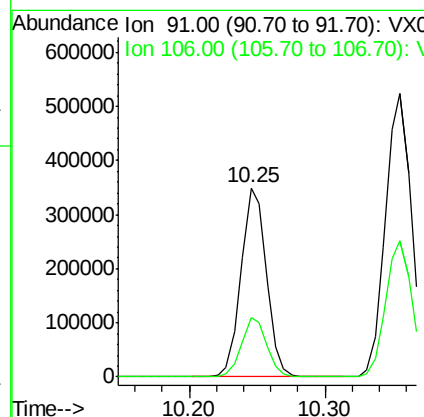
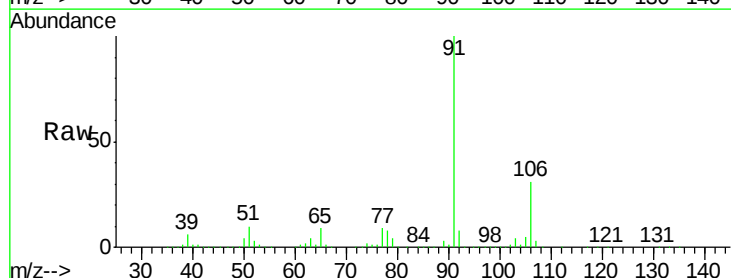
Manual Integrations
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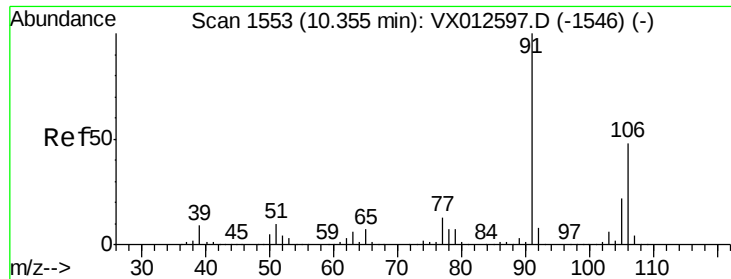
MMDadoda
 10/4/2019 9:19:25 AM



#67
 Ethyl Benzene
 Concen: 47.713 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VX012799.D
 Acq: 03 Oct 2019 21:16

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.1	24.6	37.0





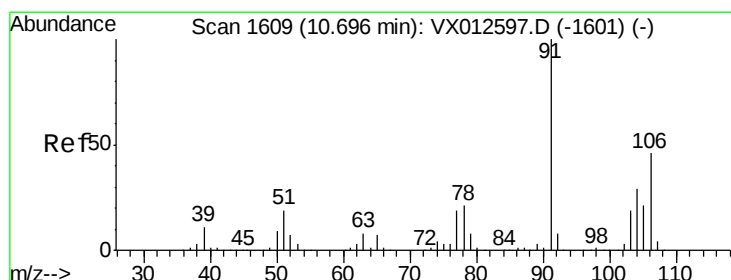
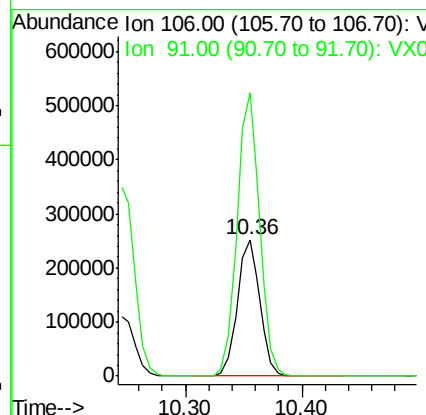
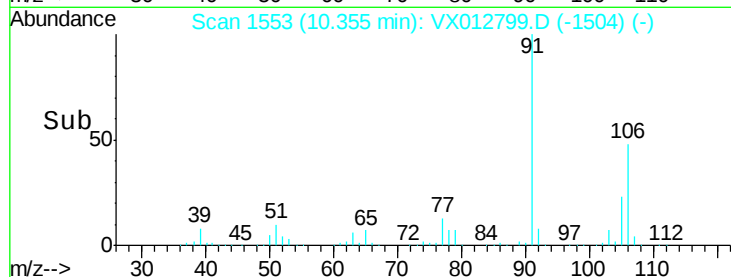
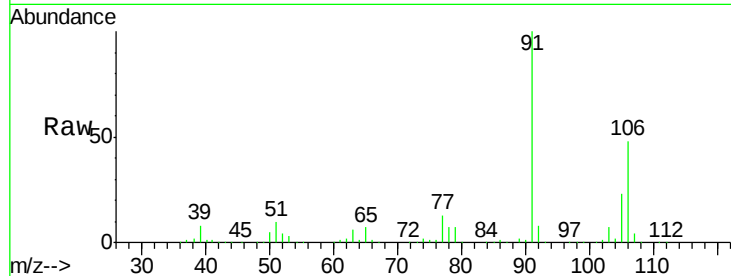
#68
m/p-Xylenes
Concen: 95.103 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012799.D
Acq: 03 Oct 2019 21:16

Instrument :
MSVOA_X
ClientSampleId :
S49-0539MSD

Tot Ion:106 Resp: 339913
Ion Ratio Lower Upper
106 100
91 207.3 166.6 250.0

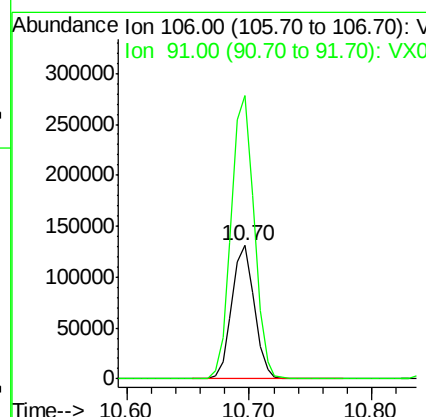
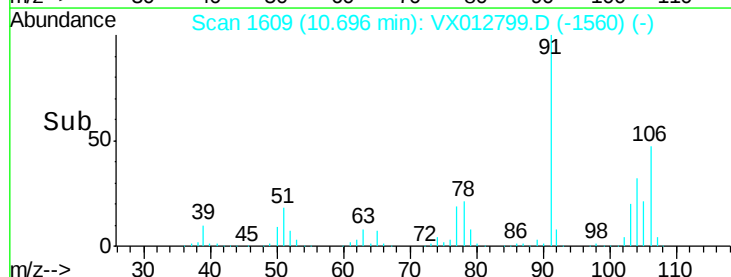
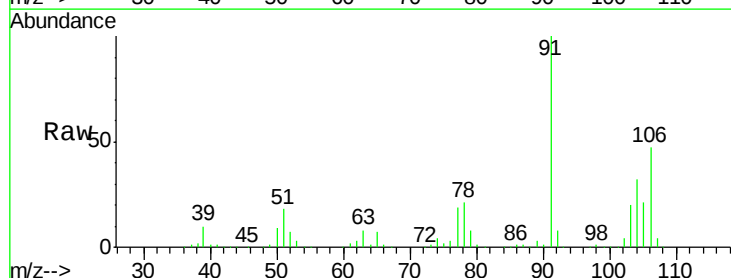
Manual Integrations
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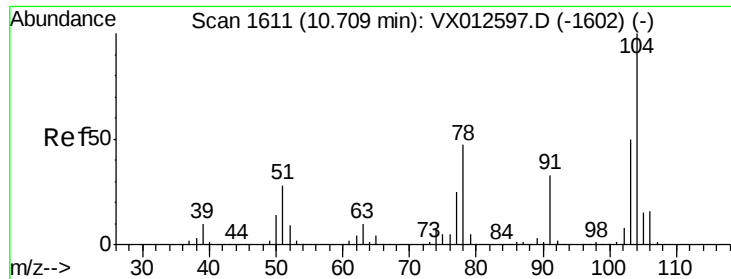
MMDadoda
10/4/2019 9:19:25 AM



#69
o-Xylene
Concen: 48.282 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012799.D
Acq: 03 Oct 2019 21:16

Tgt Ion:106 Resp: 166979
Ion Ratio Lower Upper
106 100
91 216.2 109.4 328.2





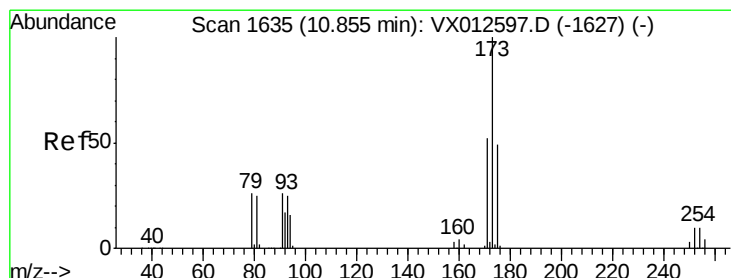
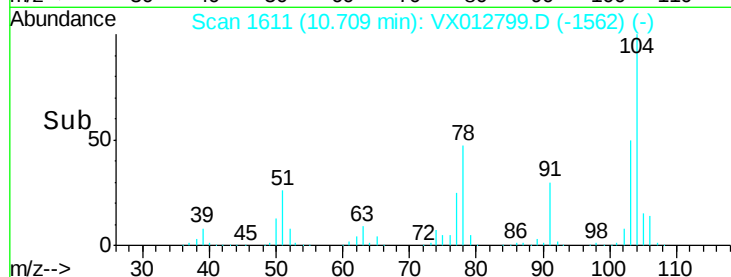
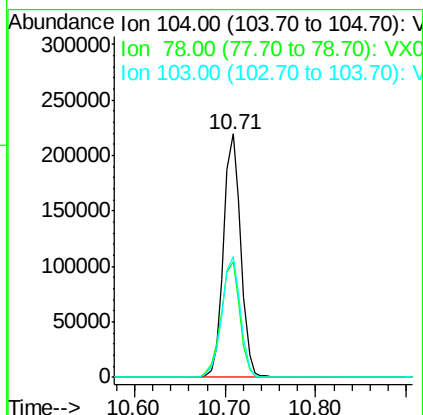
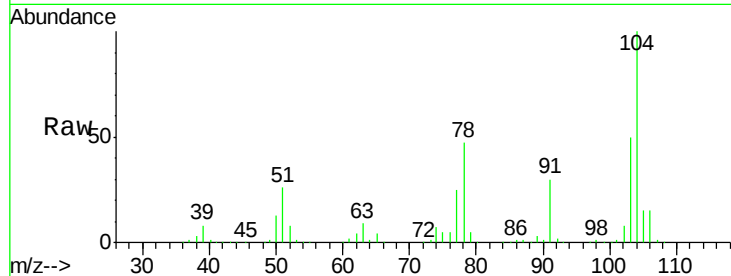
#70
Stvrene
Concen: 49.932 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012799.D
Acq: 03 Oct 2019 21:16

Instrument :
MSVOA_X
ClientSampleId :
S49-0539MSD

Tot Ion	Ratio	Resp	Lower	Upper
104	100	289497		
78	52.2	43.4	65.2	
103	53.5	43.3	64.9	

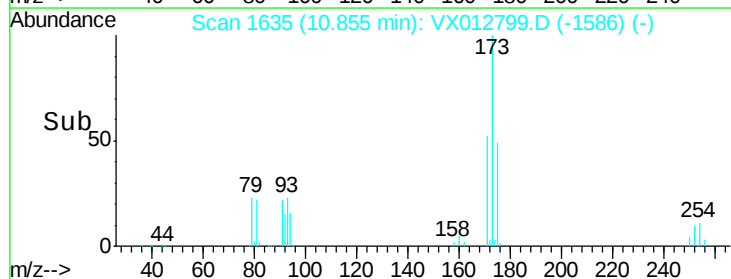
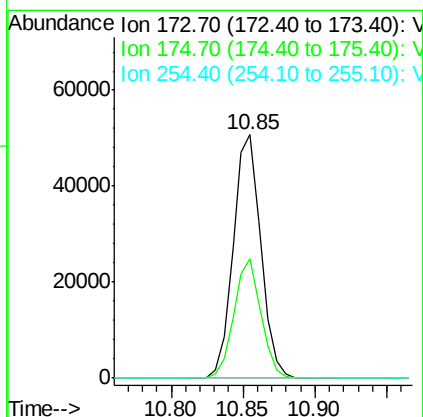
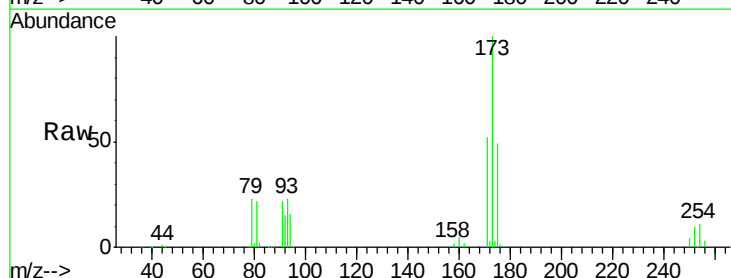
Manual Integrations
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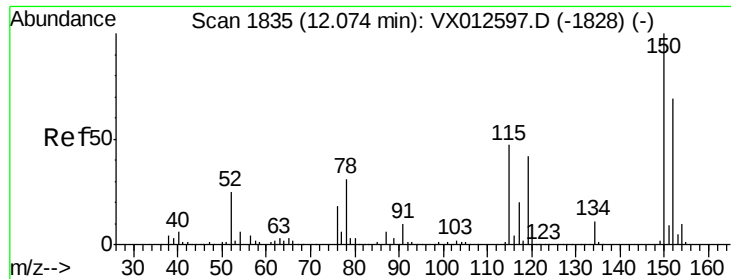
MMDadoda
10/4/2019 9:19:25 AM



#71
Bromoform
Concen: 51.211 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX012799.D
Acq: 03 Oct 2019 21:16

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	67966		
175	48.0	23.7	71.1	
254	0.0	0.1	0.1#	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012799.D

Acq: 03 Oct 2019 21:16

Instrument :

MSVOA_X

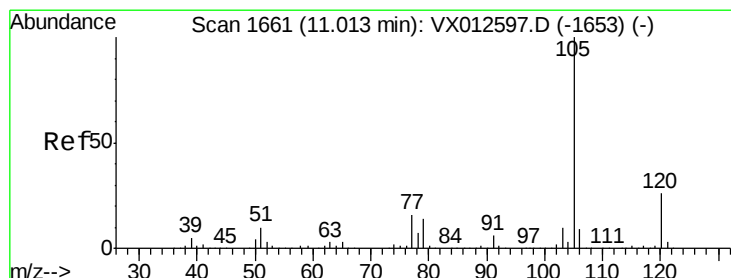
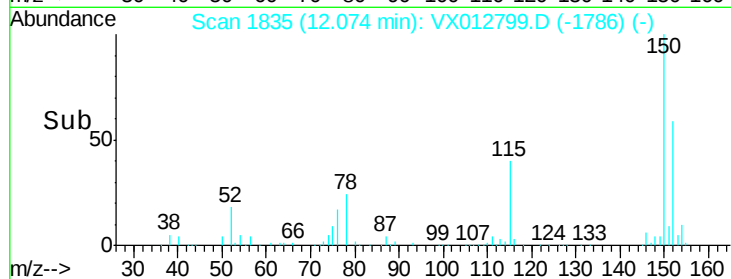
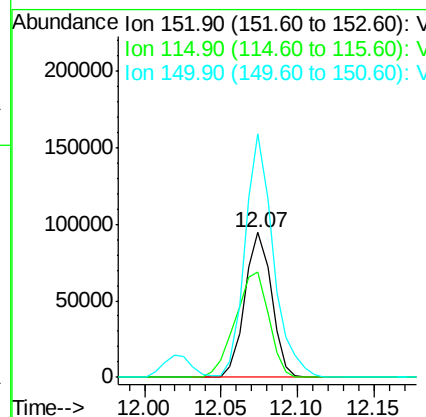
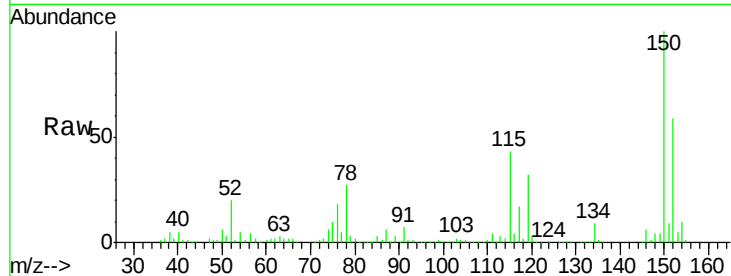
ClientSampleId :

S49-0539MSD

Tot Ion:	152	Resp:	114862
Ion Ratio	Lower	Upper	
152	100		
115	90.7	44.1	132.3
150	177.3	0.0	343.8

Manual Integrations
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#73

Isopropylbenzene

Concen: 47.540 ug/l

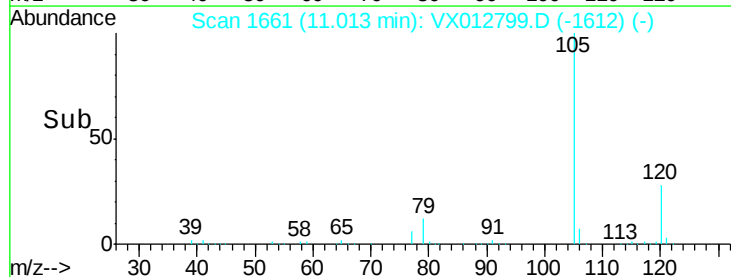
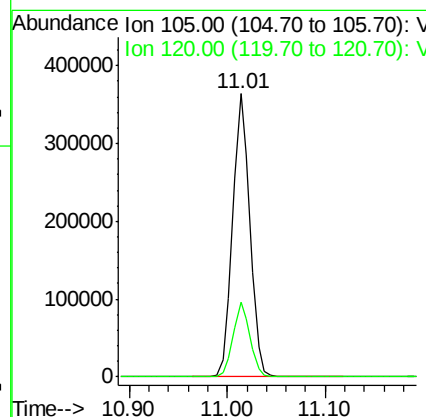
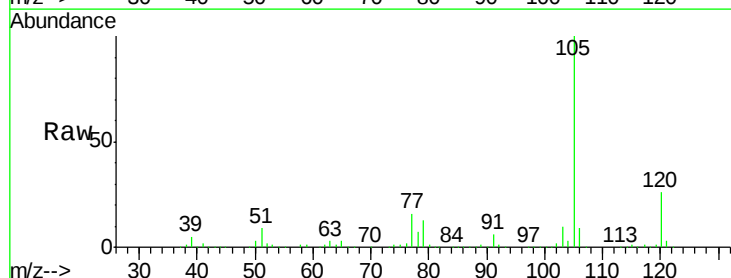
RT: 11.01 min Scan# 1661

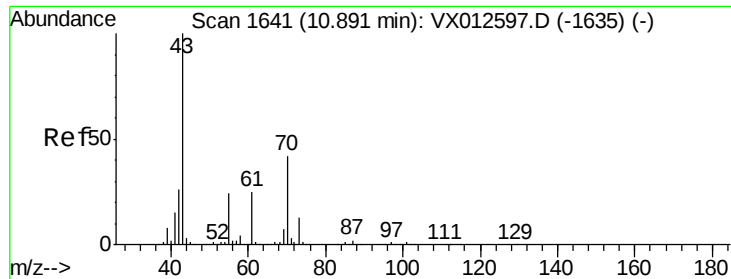
Delta R.T. 0.00 min

Lab File: VX012799.D

Acq: 03 Oct 2019 21:16

Tgt Ion:	105	Resp:	444739
Ion Ratio	Lower	Upper	
105	100		
120	25.9	12.9	38.7





#74

N-amvl acetate

Concen: 45.476 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012799.D

Acq: 03 Oct 2019 21:16

Instrument :

MSVOA_X

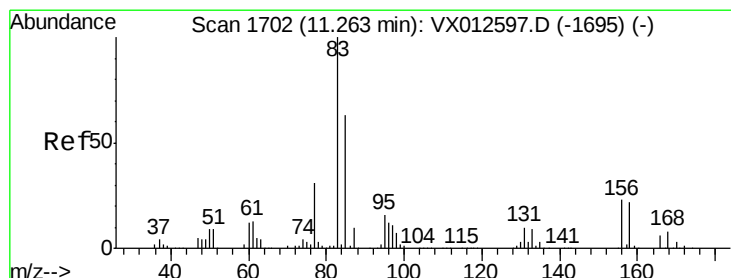
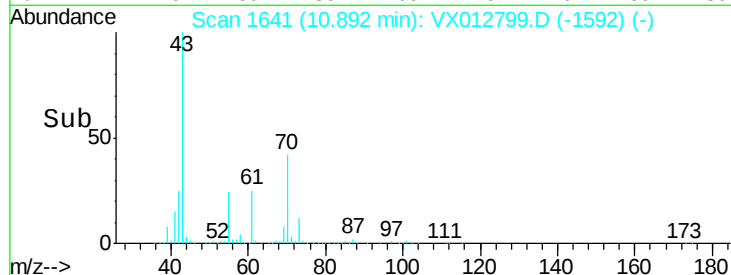
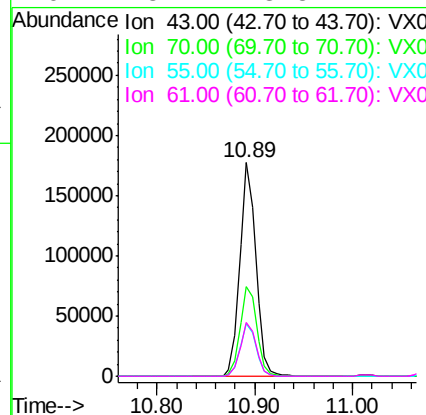
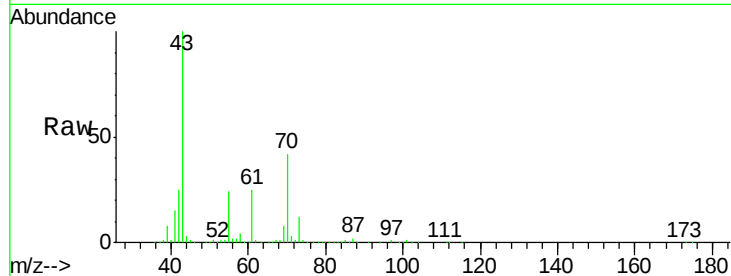
ClientSampleId :

S49-0539MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100		202964		
70	43.7	32.4	48.6		
55	25.0	18.2	27.4		
61	25.1	18.5	27.7		

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#75

1,1,2,2-Tetrachloroethane

Concen: 50.142 ug/l

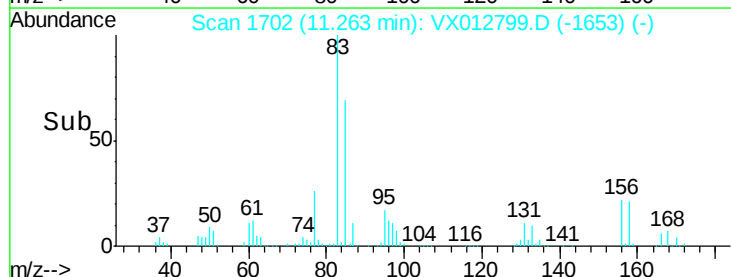
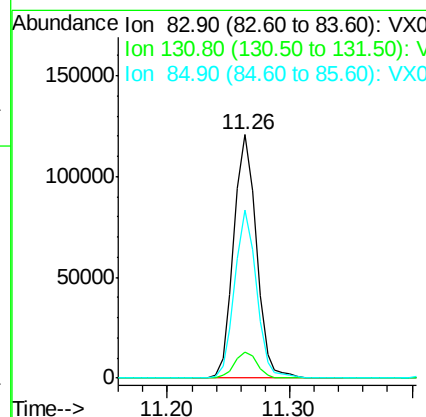
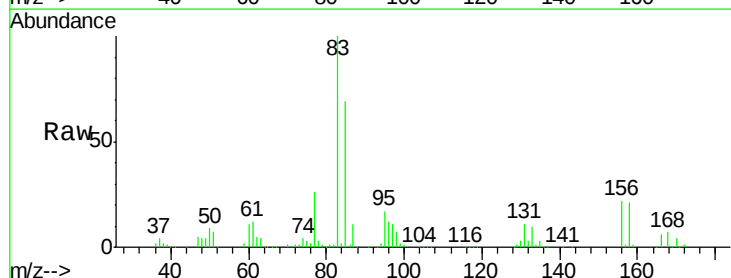
RT: 11.26 min Scan# 1702

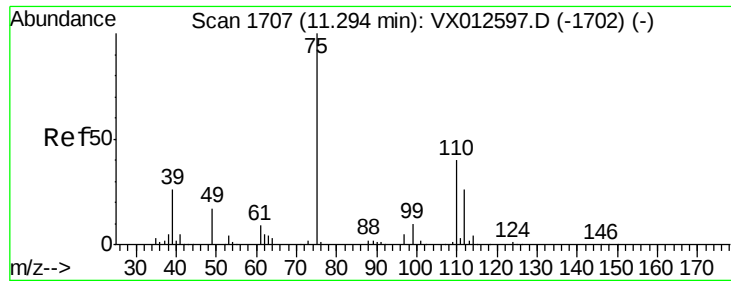
Delta R.T. 0.00 min

Lab File: VX012799.D

Acq: 03 Oct 2019 21:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100		155355		
131	10.7	5.2	15.6		
85	66.1	32.0	96.0		





#76

1,2,3-Trichloropropane

Concen: 47.825 ug/l m

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX012799.D

Acq: 03 Oct 2019 21:16

Instrument :

MSVOA_X

ClientSampled :

S49-0539MSD

Tot Ion: 75 Resp: 145310

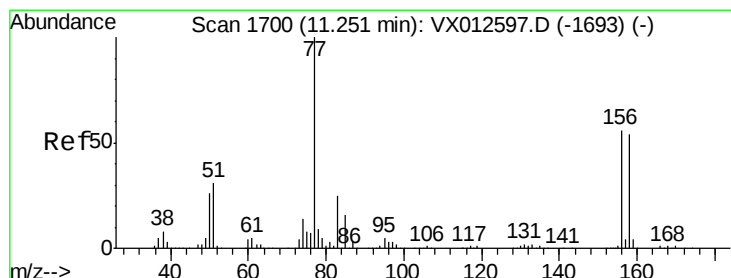
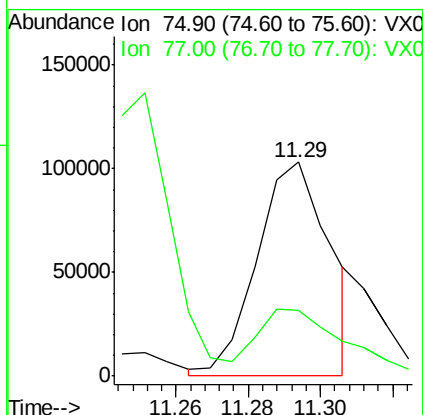
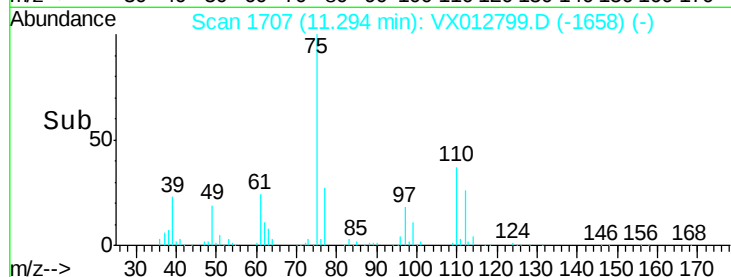
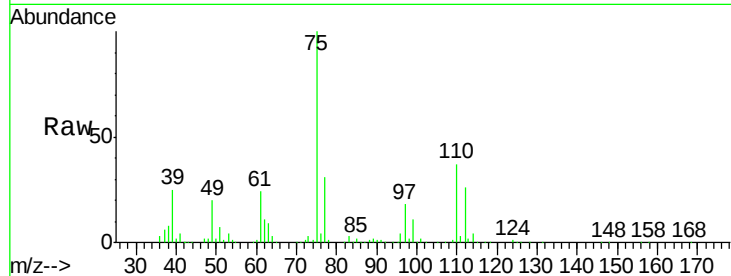
Ion Ratio Lower Upper

75 100

77 37.4 19.7 59.0

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#77

Bromobenzene

Concen: 49.492 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012799.D

Acq: 03 Oct 2019 21:16

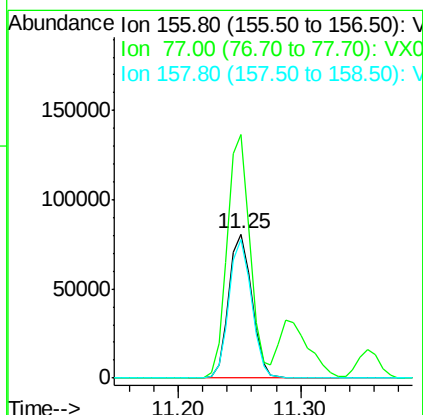
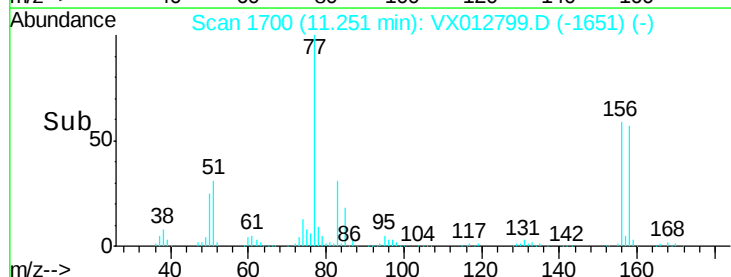
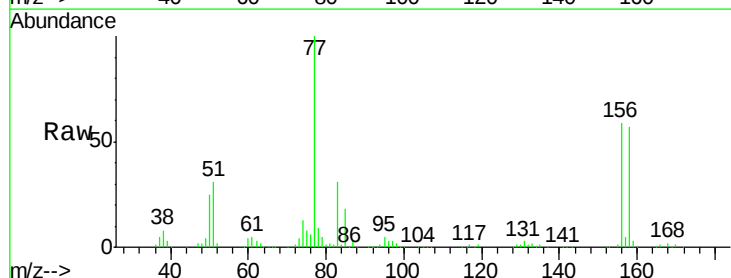
Tgt Ion: 156 Resp: 104790

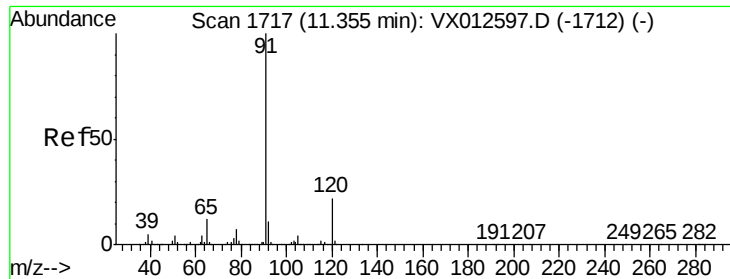
Ion Ratio Lower Upper

156 100

77 168.5 87.3 261.8

158 94.6 48.5 145.6





#78

n-propylbenzene

Concen: 45.968 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012799.D

Acq: 03 Oct 2019 21:16

Instrument :

MSVOA_X

ClientSampleId :

S49-0539MSD

Tot Ion: 91 Resp: 484151

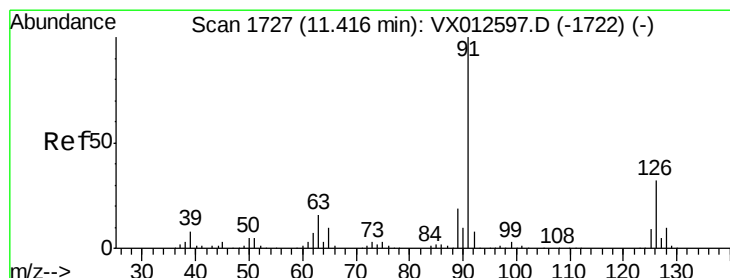
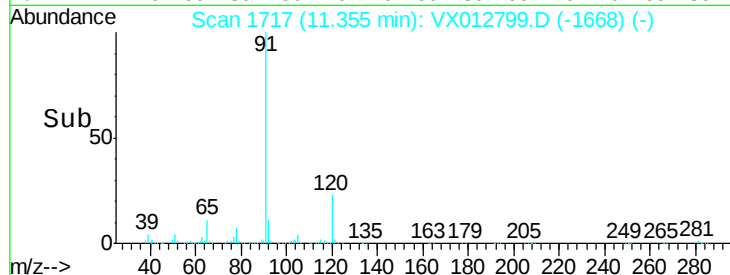
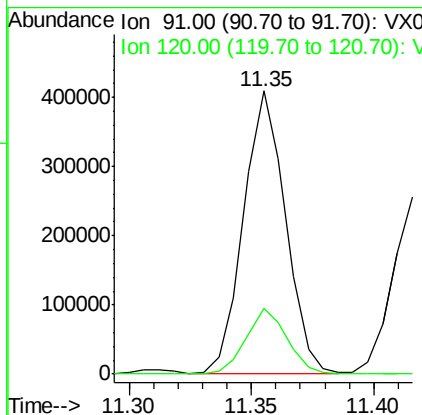
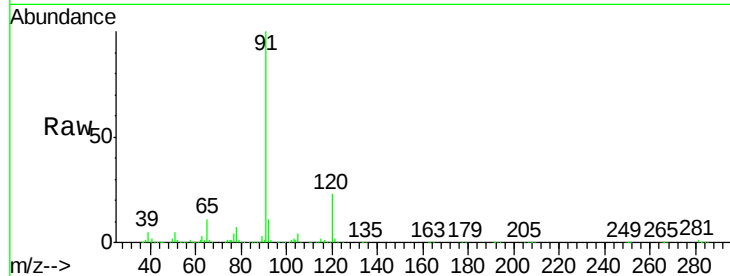
Ion Ratio Lower Upper

91 100

120 23.0 11.3 33.8

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#79

2-Chlorotoluene

Concen: 47.028 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX012799.D

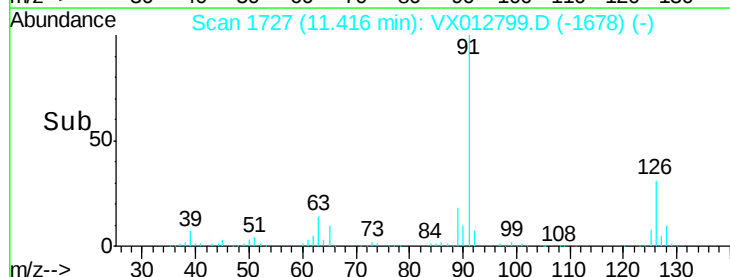
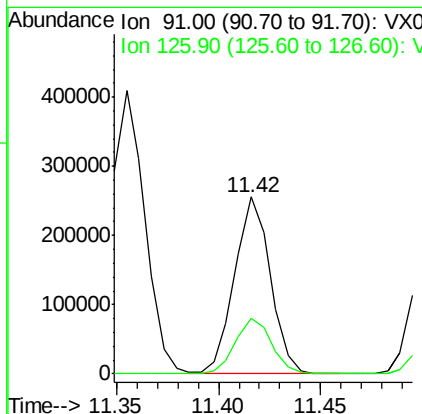
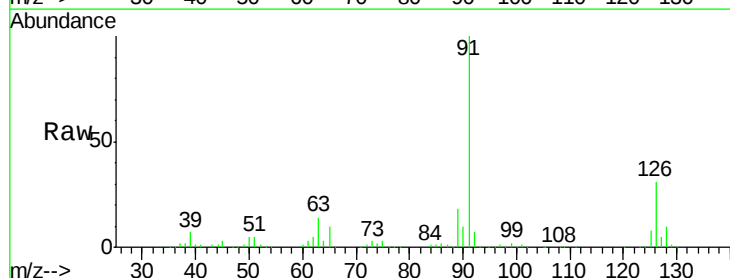
Acq: 03 Oct 2019 21:16

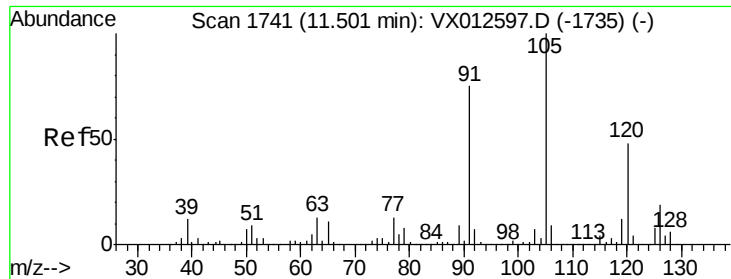
Tgt Ion: 91 Resp: 308982

Ion Ratio Lower Upper

91 100

126 32.2 16.4 49.4





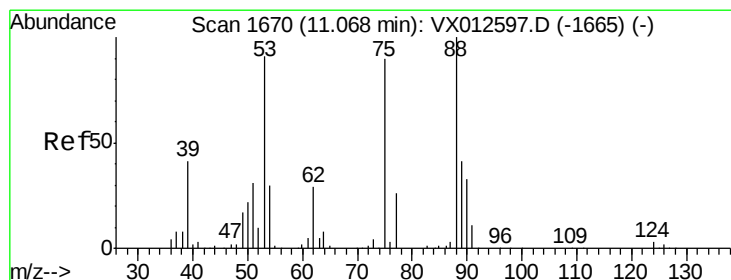
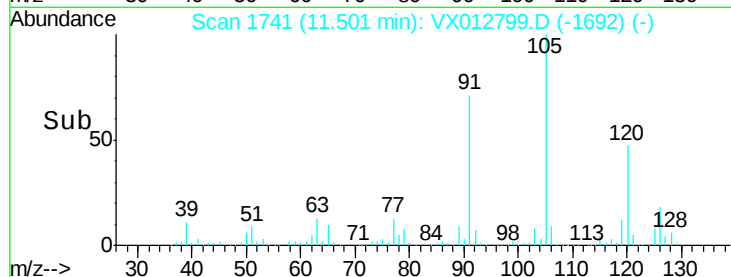
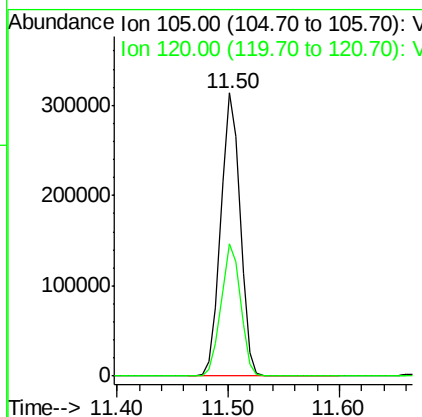
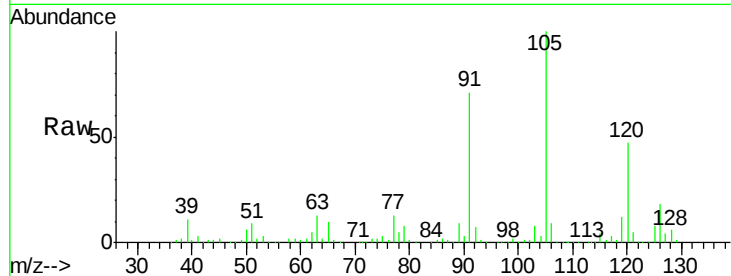
#80
 1,3,5-Trimethylbenzene
 Concen: 48.302 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012799.D
 Acq: 03 Oct 2019 21:16

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0539MSD

Tot Ion:105 Resp: 378931
 Ion Ratio Lower Upper
 105 100
 120 46.9 24.3 72.8

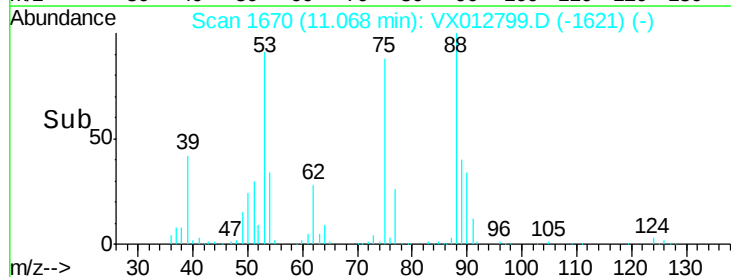
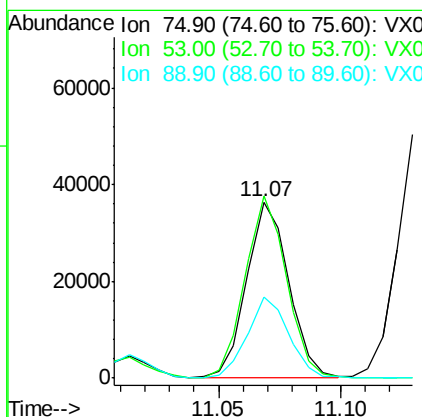
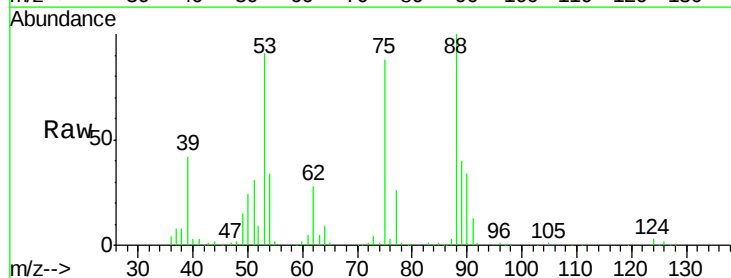
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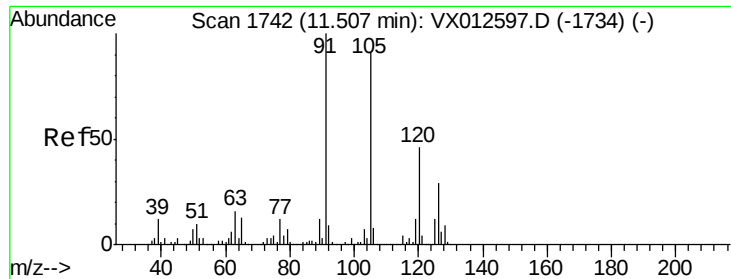
MMDadoda
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 41.052 ug/l
 RT: 11.07 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: VX012799.D
 Acq: 03 Oct 2019 21:16

Tgt Ion: 75 Resp: 43525
 Ion Ratio Lower Upper
 75 100
 53 101.7 83.6 125.4
 89 45.9 36.3 54.5





#82

4-Chlorotoluene

Concen: 46.151 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX012799.D

Acq: 03 Oct 2019 21:16

Instrument :

MSVOA_X

ClientSampleId :

S49-0539MSD

Tot Ion: 91 Resp: 345657

Ion Ratio Lower Upper

91 100

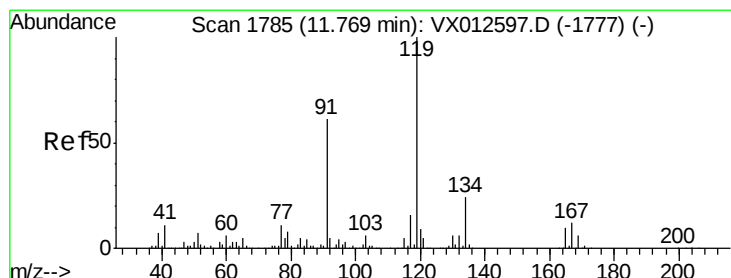
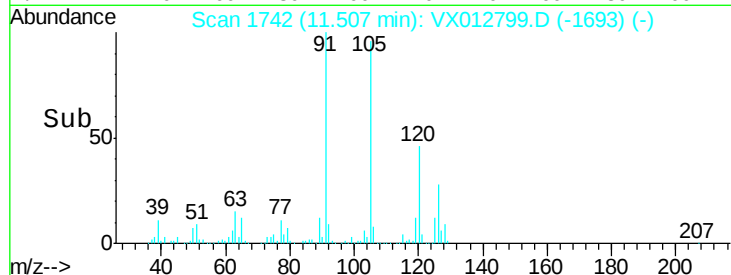
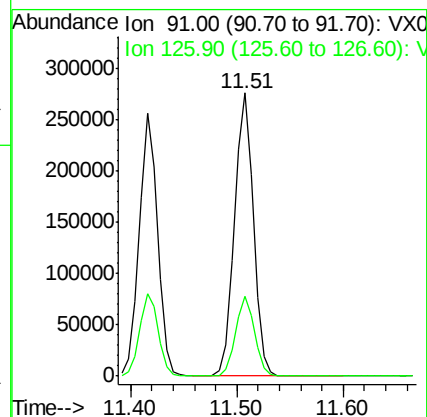
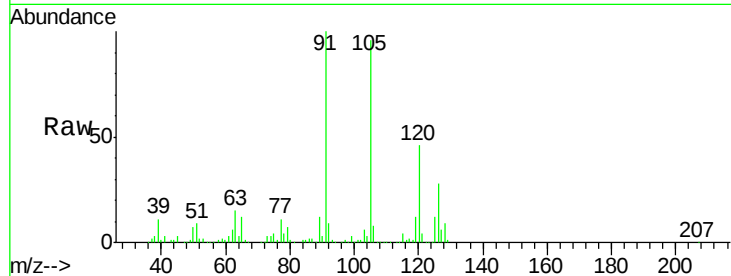
126 28.2 14.4 43.0

Manual Integrations

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#83

tert-Butylbenzene

Concen: 48.540 ug/l

RT: 11.77 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VX012799.D

Acq: 03 Oct 2019 21:16

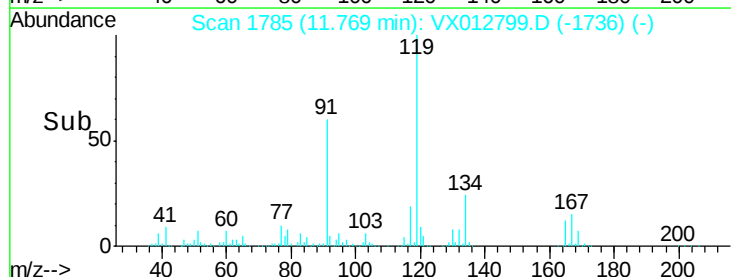
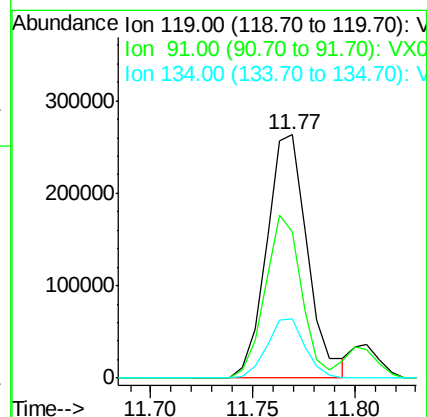
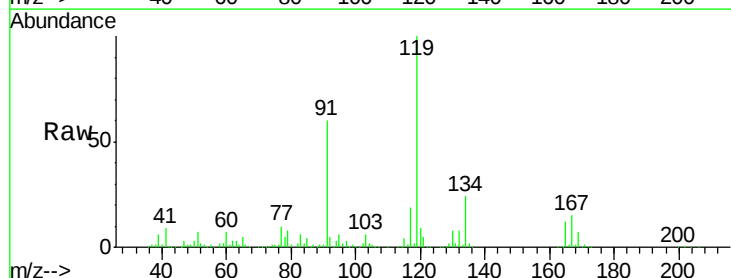
Tgt Ion: 119 Resp: 367330

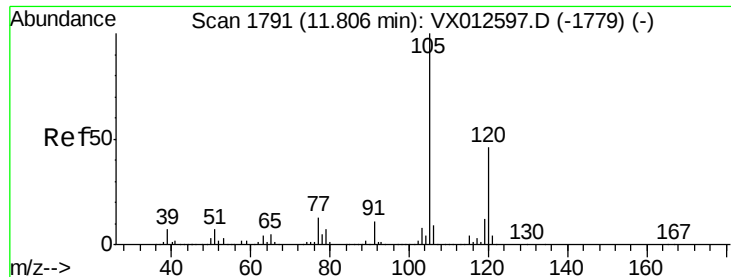
Ion Ratio Lower Upper

119 100

91 59.5 30.0 90.0

134 22.8 11.3 33.9





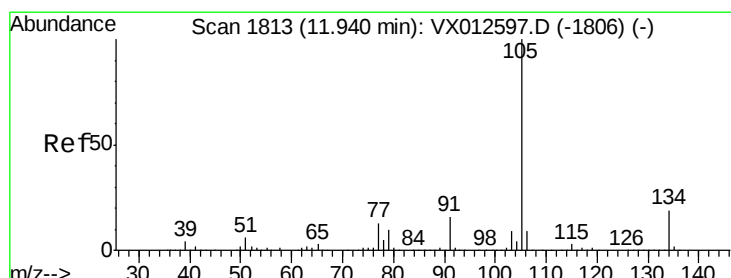
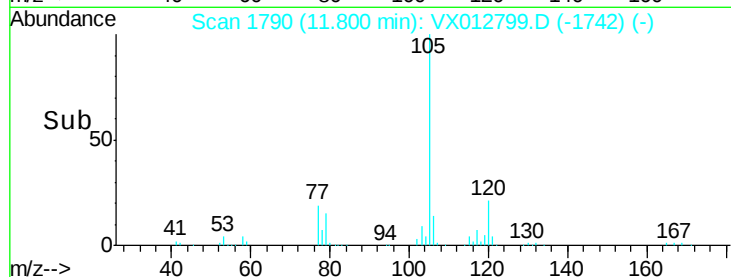
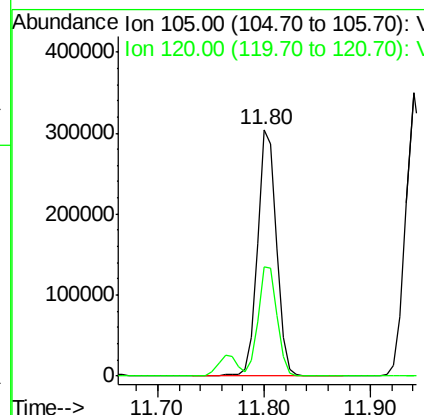
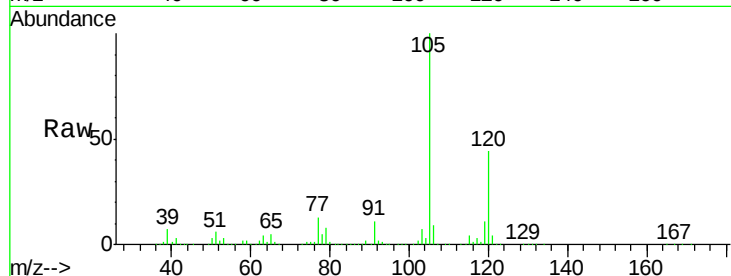
#84
1,2,4-Trimethylbenzene
Concen: 47.848 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX012799.D
Acq: 03 Oct 2019 21:16

Instrument :
MSVOA_X
ClientSampleId :
S49-0539MSD

Tot Ion	Ratio	Lower	Upper
105	100		
120	44.5	22.2	66.6

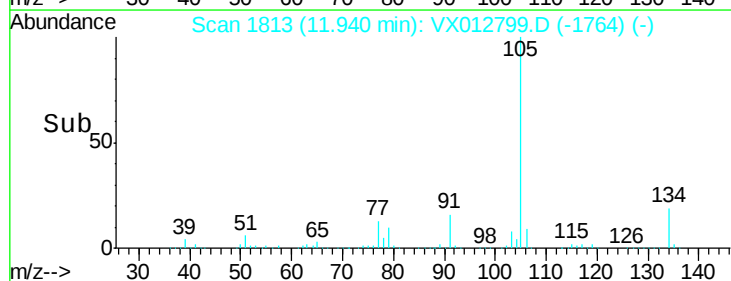
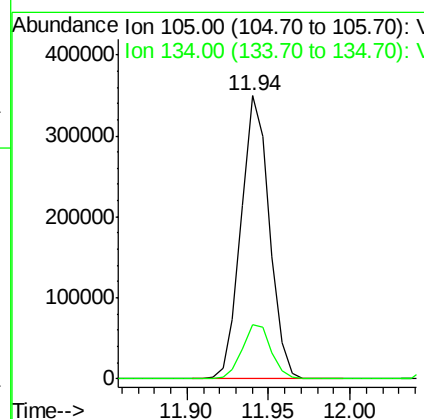
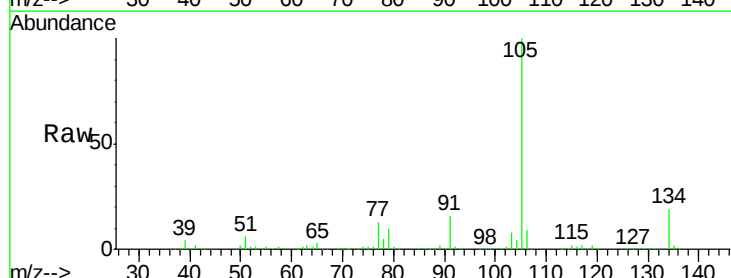
Manual Integrations
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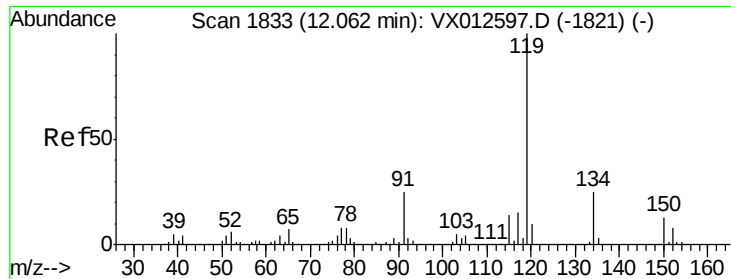
MMDadoda
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#85
sec-Butylbenzene
Concen: 48.032 ug/l
RT: 11.94 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VX012799.D
Acq: 03 Oct 2019 21:16

Tgt Ion	Ratio	Lower	Upper
105	100		
134	19.6	9.8	29.4





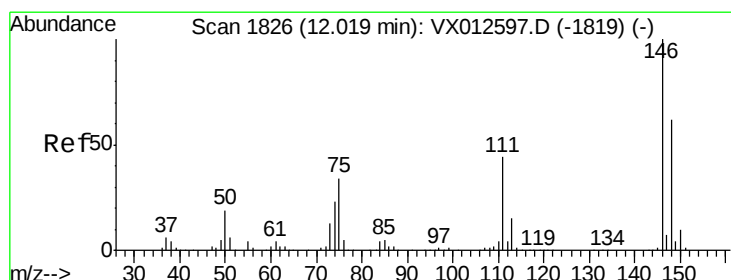
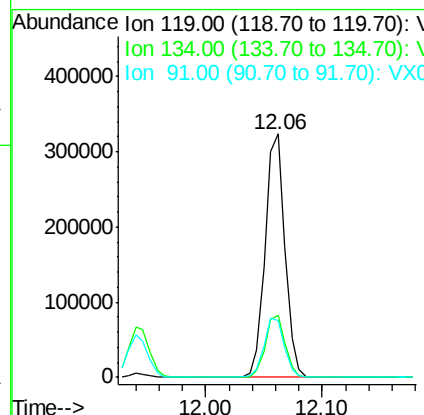
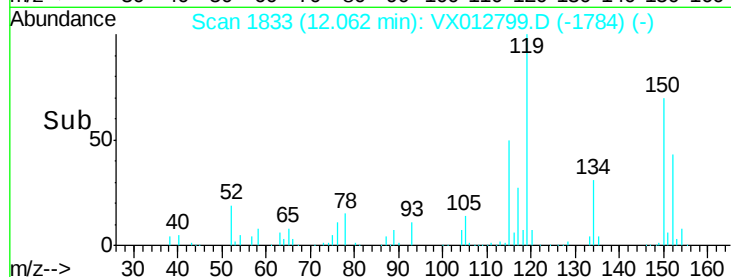
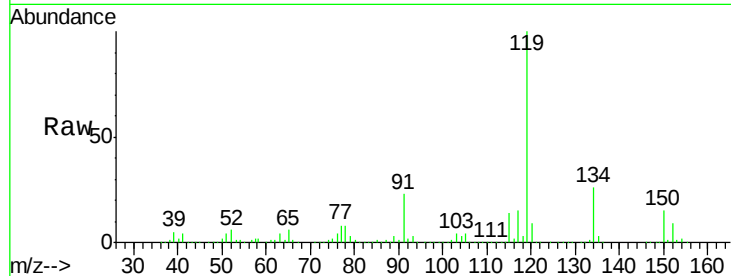
#86
 p-Isopropyltoluene
 Concen: 48.517 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX012799.D
 Acq: 03 Oct 2019 21:16

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0539MSD

Tot Ion	Ratio	Resp	Lower	Upper
119	100	385326		
134	25.8	12.7	38.1	
91	24.9	12.8	38.4	

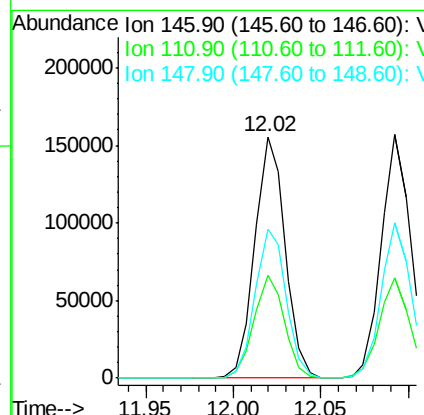
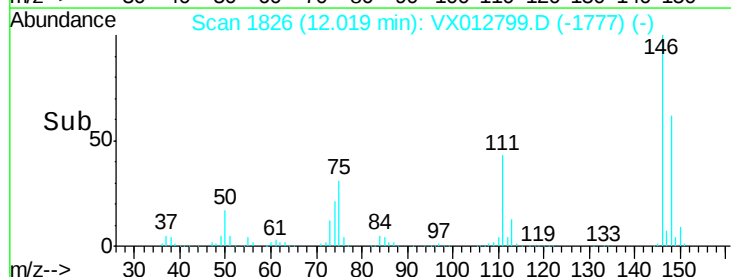
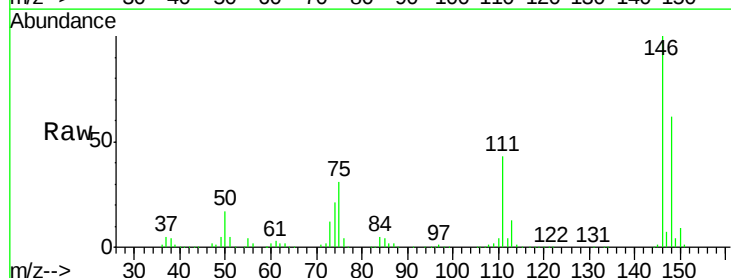
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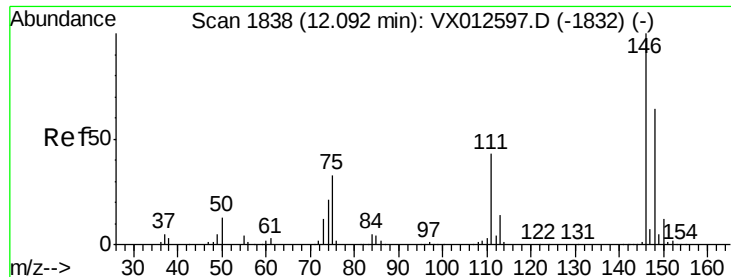
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#87
 1,3-Dichlorobenzene
 Concen: 49.656 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX012799.D
 Acq: 03 Oct 2019 21:16

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	189206		
111	42.9	21.3	64.0	
148	63.0	32.4	97.2	





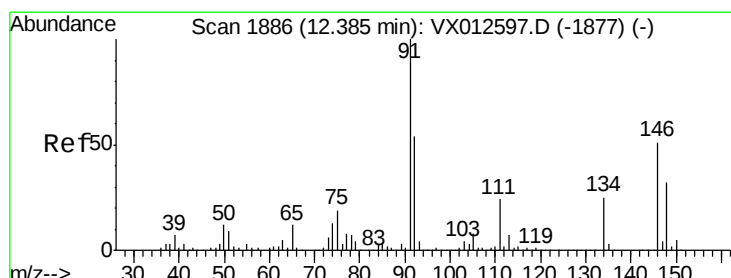
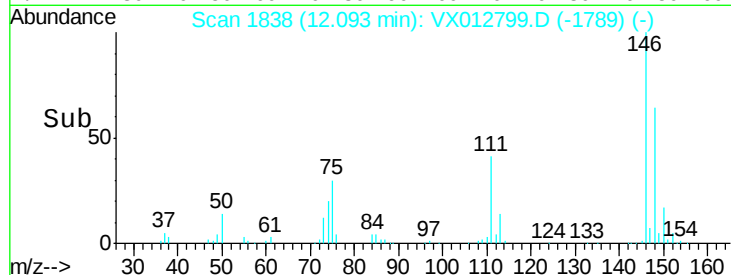
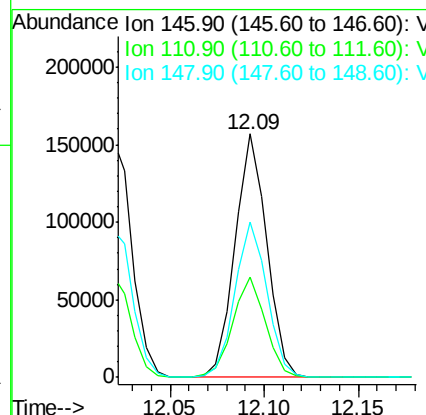
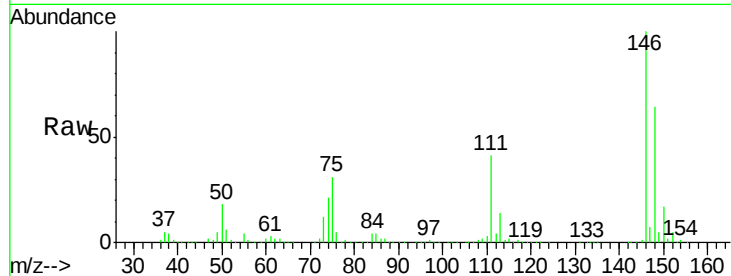
#88
 1,4-Dichlorobenzene
 Concen: 47.543 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012799.D
 Acq: 03 Oct 2019 21:16

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0539MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.1	63.3
148	64.9	32.1	96.5

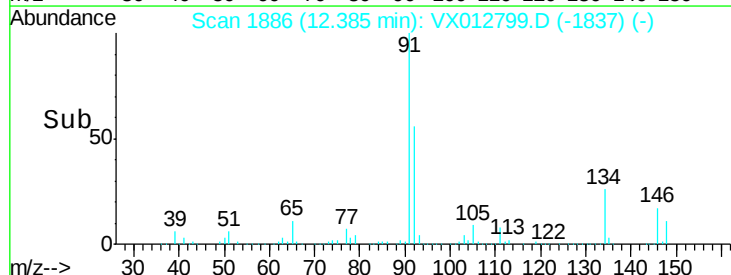
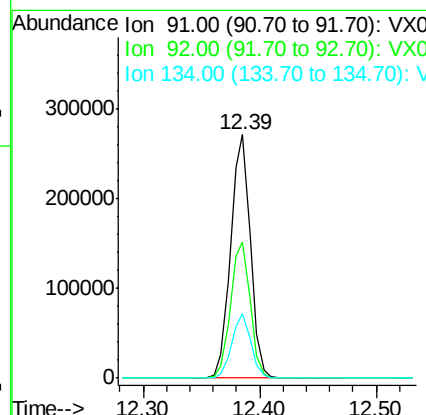
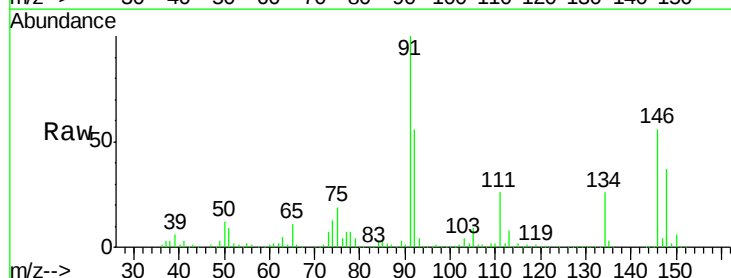
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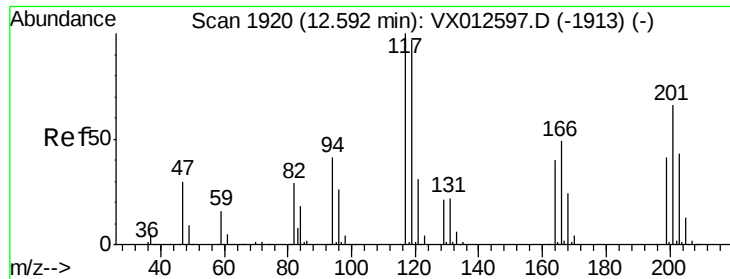
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#89
 n-Butylbenzene
 Concen: 45.305 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX012799.D
 Acq: 03 Oct 2019 21:16

Tgt Ion	Ratio	Lower	Upper
91	100		
92	55.8	27.7	83.0
134	25.6	12.9	38.6





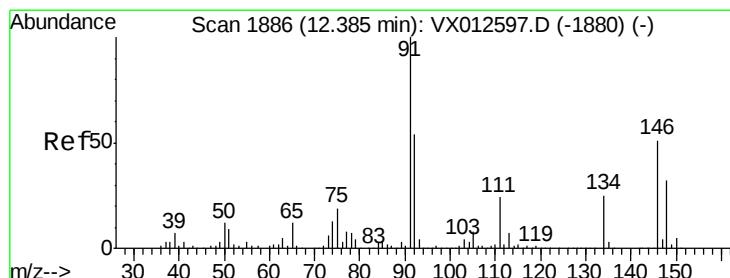
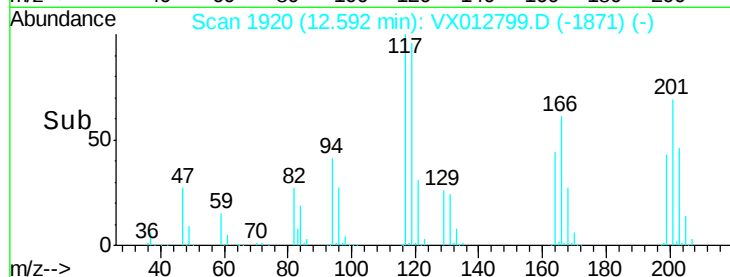
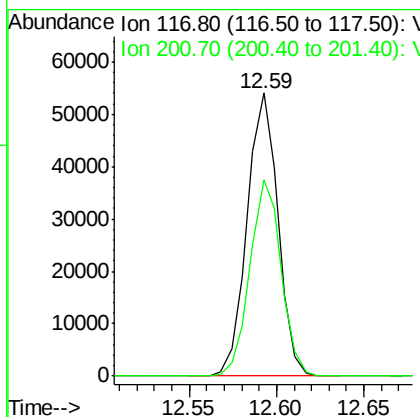
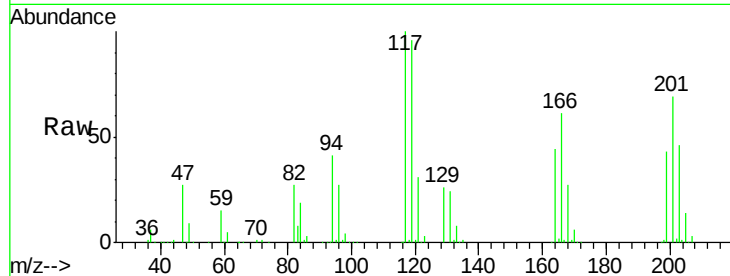
#90
Hexachloroethane
Concen: 47.059 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012799.D
Acq: 03 Oct 2019 21:16

Instrument :
MSVOA_X
ClientSampleId :
S49-0539MSD

Tot Ion:117 Resp: 66632
Ion Ratio Lower Upper
117 100
201 70.0 33.3 99.8

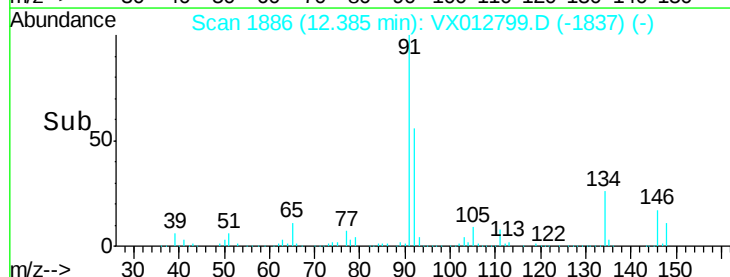
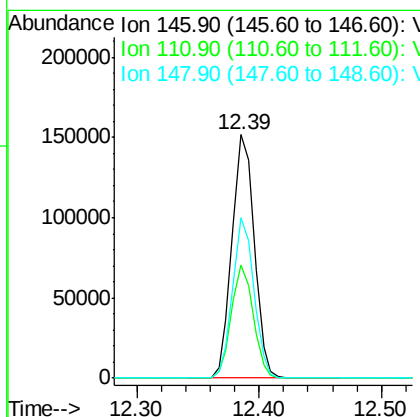
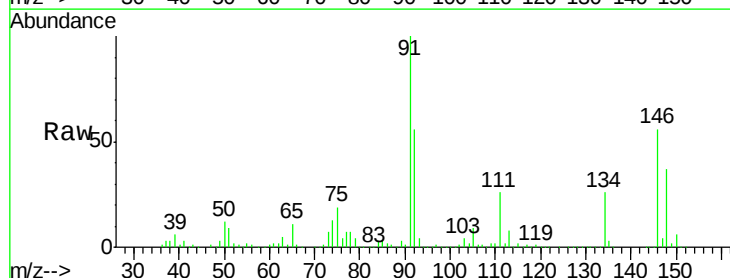
Manual Integrations
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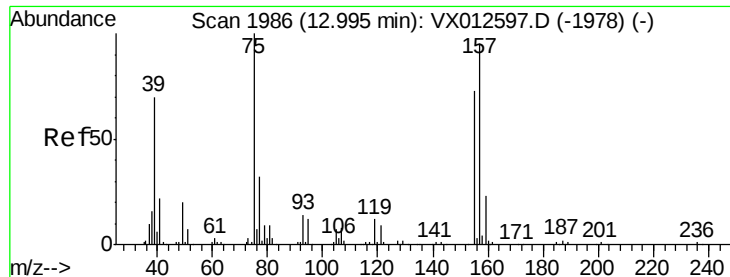
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#91
1,2-Dichlorobenzene
Concen: 49.894 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012799.D
Acq: 03 Oct 2019 21:16

Tgt Ion:146 Resp: 190334
Ion Ratio Lower Upper
146 100
111 45.5 22.1 66.1
148 63.1 31.3 93.9





#92

1,2-Dibromo-3-Chloropropane

Concen: 48.860 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX012799.D

Acq: 03 Oct 2019 21:16

Instrument :

MSVOA_X

ClientSampled :

S49-0539MSD

Tot Ion: 75 Resp: 37868

Ion Ratio Lower Upper

75 100

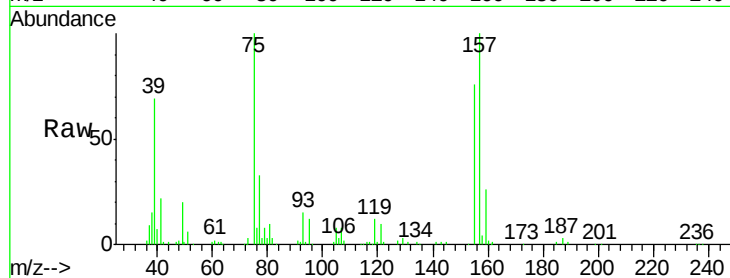
155 79.4 38.6 115.8

157 102.8 50.6 151.9

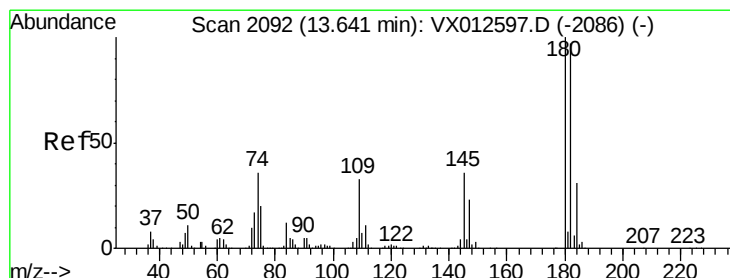
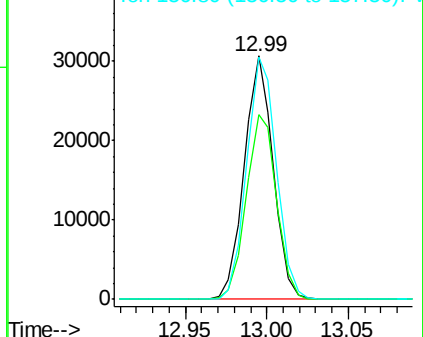
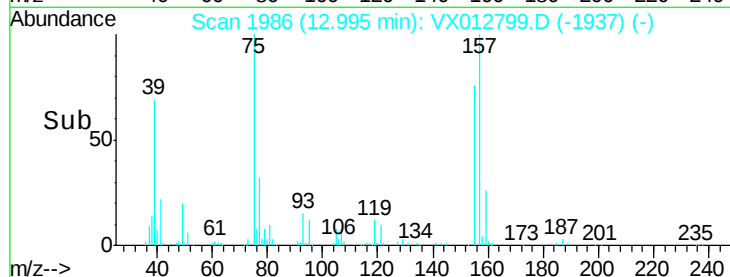
Manual Integrations
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Abundance Ion 74.90 (74.60 to 75.60): VX012799.D (-1937) (-)



#93

1,2,4-Trichlorobenzene

Concen: 48.919 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX012799.D

Acq: 03 Oct 2019 21:16

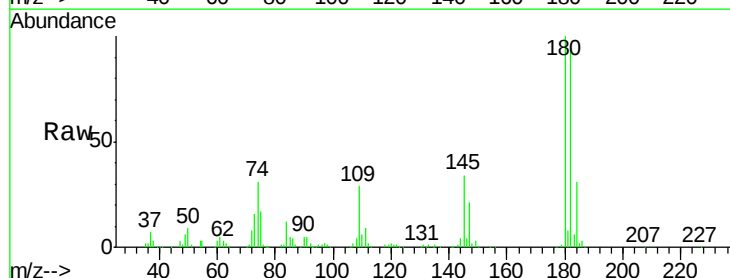
Tgt Ion: 180 Resp: 113807

Ion Ratio Lower Upper

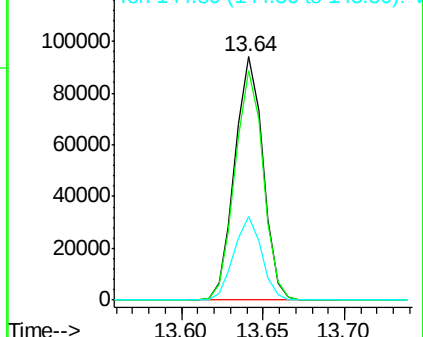
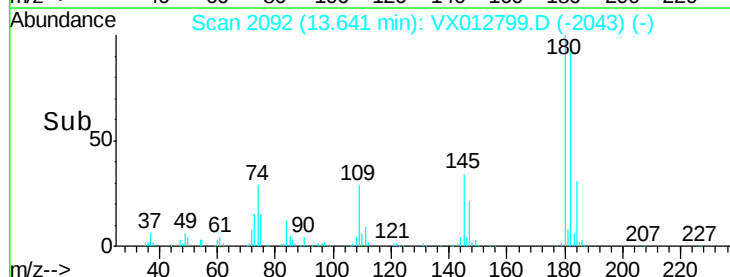
180 100

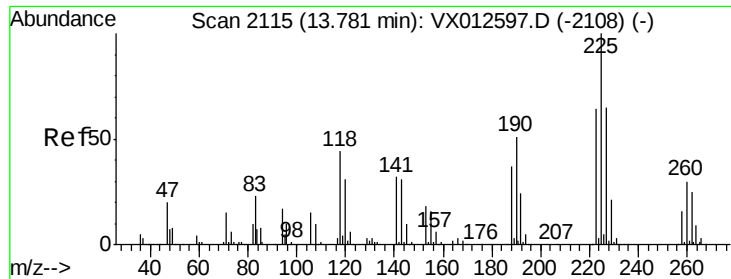
182 94.2 47.0 141.0

145 33.5 16.8 50.4



Abundance Ion 179.80 (179.50 to 180.50): VX012799.D (-2043) (-)





#94

Hexachlorobutadiene

Concen: 49.757 ug/l

RT: 13.78 min Scan# 2115

Delta R.T. 0.00 min

Lab File: VX012799.D

Acq: 03 Oct 2019 21:16

Instrument :

MSVOA_X

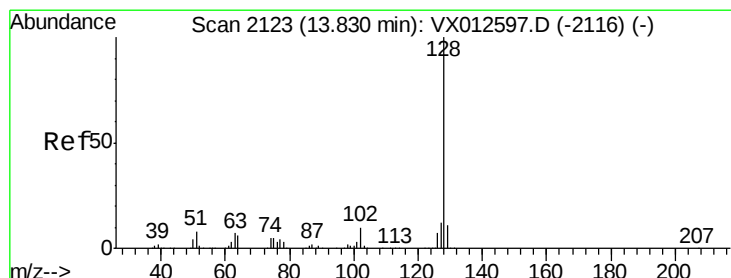
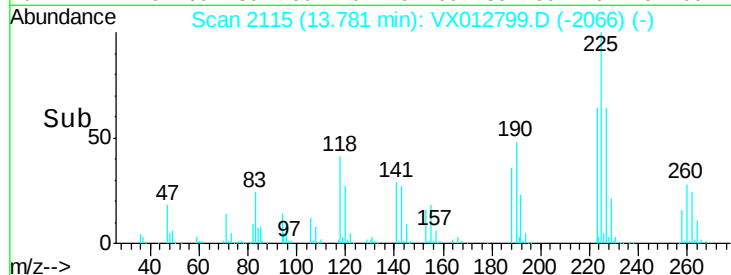
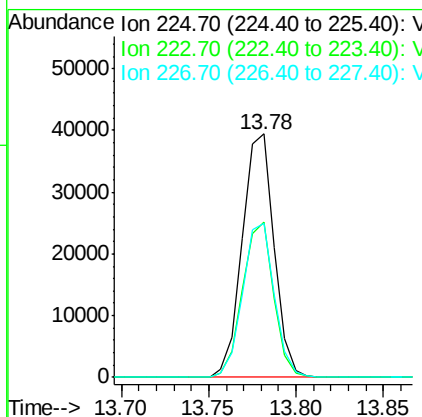
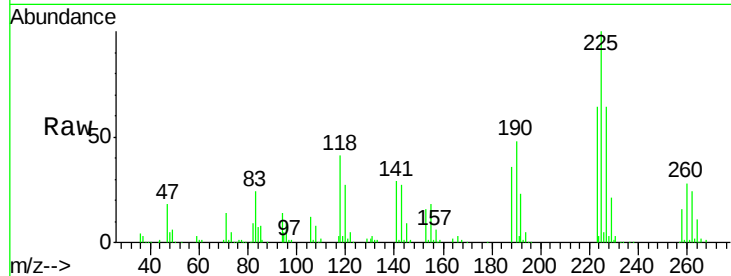
ClientSampleId :

S49-0539MSD

Tot Ion:	225	Resp:	49798
Ion Ratio	Lower	Upper	
225	100		
223	62.2	32.0	96.2
227	63.1	31.9	95.5

Manual Integrations
APPROVED

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10/4/2019 9:19:25 AM



#95

Naphthalene

Concen: 49.355 ug/l

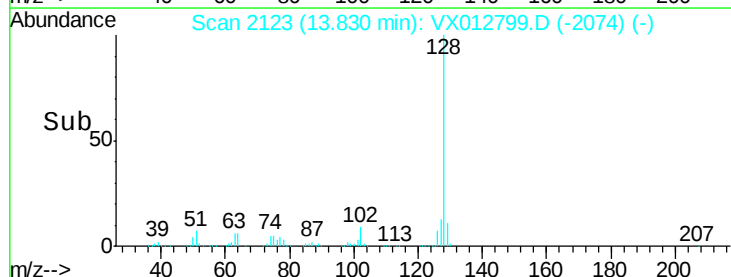
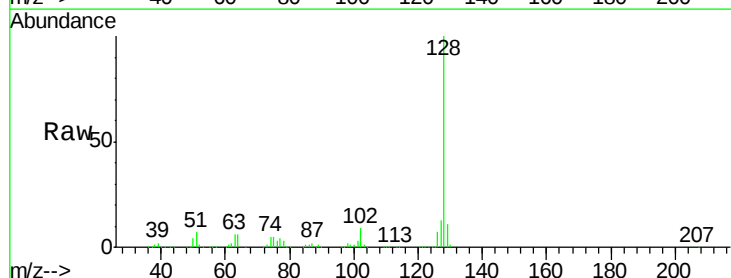
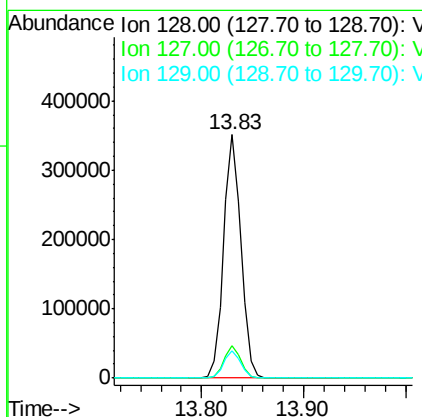
RT: 13.83 min Scan# 2123

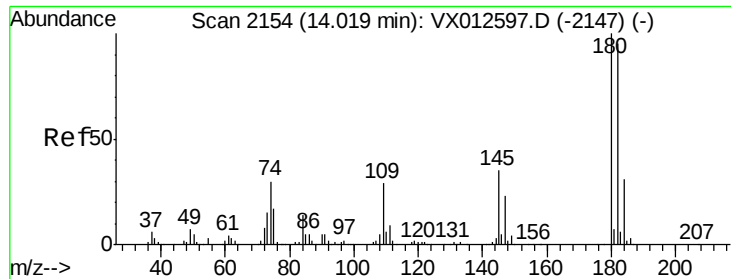
Delta R.T. 0.00 min

Lab File: VX012799.D

Acq: 03 Oct 2019 21:16

Tgt Ion:	128	Resp:	415425
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.2	15.4
129	11.0	8.8	13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 49.253 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. 0.00 min
 Lab File: VX012799.D
 Acq: 03 Oct 2019 21:16

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0539MSD

Tot Ion	Ratio	Resp	Lower	Upper
180	100	114781		
182	96.7	47.1	141.3	
145	37.1	18.0	54.0	

Manual Integrations
 APPROVED

MMDadoda
 10/4/2019 9:19:25 AM

