

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011023\
 Data File : VD075102.D
 Acq On : 10 Jan 2023 13:06
 Operator : KP/SY
 Sample : 01080-03
 Misc : 5.75G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-2-(35-37)

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010923S.M
 Title : SW846 8260

Signal : TIC: VD075102.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.728	18	24	32	rBV	87133	133403	64.41%	6.260%
2	2.581	164	169	172	rBV3	1804	3227	1.56%	0.151%
3	4.805	542	547	556	rVB5	1737	4433	2.14%	0.208%
4	7.810	1049	1058	1064	rBV	25396	63099	30.47%	2.961%
5	7.881	1064	1070	1080	rVB	32609	72180	34.85%	3.387%
6	8.234	1121	1130	1141	rBV	28234	65620	31.68%	3.079%
7	8.775	1215	1222	1231	rBV	63165	129166	62.37%	6.062%
8	9.281	1305	1308	1312	rBV5	1248	2272	1.10%	0.107%
9	10.269	1470	1476	1486	rVB	103543	185392	89.52%	8.700%
10	10.599	1530	1532	1534	rBV3	2822	2978	1.44%	0.140%
11	10.646	1538	1540	1541	rBV2	3253	2658	1.28%	0.125%
12	10.663	1541	1543	1544	rBV2	2344	2095	1.01%	0.098%
13	11.240	1639	1641	1642	rBV2	4894	2537	1.22%	0.119%
14	11.587	1694	1700	1706	rVB	96335	161953	78.20%	7.600%
15	11.828	1739	1741	1742	rBV2	6105	4690	2.26%	0.220%
16	12.287	1817	1819	1820	rBV2	8502	5806	2.80%	0.272%
17	12.469	1848	1850	1851	rBV	6975	5218	2.52%	0.245%
18	12.528	1856	1860	1862	rVV5	26430	48736	23.53%	2.287%
19	12.575	1863	1868	1879	rVB	100904	202207	97.64%	9.489%
20	12.757	1892	1899	1900	rBV6	25227	47397	22.89%	2.224%
21	13.134	1961	1963	1967	rVB4	9794	10038	4.85%	0.471%
22	13.234	1972	1980	1993	rVV3	54340	207104	100.00%	9.719%
23	13.351	1996	2000	2002	rBV4	18919	27114	13.09%	1.272%
24	13.522	2023	2029	2038	rVB	103504	175547	84.76%	8.238%
25	13.681	2051	2056	2069	rVB9	32108	103157	49.81%	4.841%
26	13.845	2079	2084	2086	rBV6	15715	27469	13.26%	1.289%
27	14.163	2136	2138	2141	rBV3	4989	3553	1.72%	0.167%
28	14.240	2146	2151	2153	rBV6	9315	15699	7.58%	0.737%
29	14.351	2167	2170	2174	rVB5	10959	15650	7.56%	0.734%
30	14.469	2188	2190	2192	rBV2	5369	5586	2.70%	0.262%
31	14.510	2195	2197	2201	rVB5	8998	11614	5.61%	0.545%
32	14.763	2235	2240	2246	rBV4	17752	33089	15.98%	1.553%
33	14.822	2246	2250	2255	rVB5	15878	25928	12.52%	1.217%
34	15.040	2281	2287	2291	rBV6	10120	17658	8.53%	0.829%
35	15.145	2300	2305	2312	rVB9	8300	16195	7.82%	0.760%
36	15.304	2326	2332	2342	rBV5	17463	49580	23.94%	2.327%

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Integrator: RTE

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Sampling : 1

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Stop Thrs : 0

Filtering: 5

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Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

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37	15.398	2344	2348	2351	rVB5	5149	8247	3.98%	0.387%
38	15.616	2380	2385	2386	rBV4	4666	6697	3.23%	0.314%
39	15.704	2397	2400	2407	rVB7	10049	16554	7.99%	0.777%
40	15.798	2410	2416	2418	rVV7	4696	9741	4.70%	0.457%
41	15.839	2419	2423	2427	rVB4	8590	13477	6.51%	0.632%
42	16.039	2456	2457	2464	rVB7	3419	4941	2.39%	0.232%
43	16.145	2470	2475	2481	rVV8	10342	19109	9.23%	0.897%
44	16.269	2490	2496	2500	rVV4	12934	20455	9.88%	0.960%
45	16.345	2504	2509	2513	rVV7	7446	13250	6.40%	0.622%
46	16.404	2513	2519	2535	rVB3	24439	61479	29.69%	2.885%
47	16.604	2545	2553	2566	rBV5	22080	63437	30.63%	2.977%
48	16.722	2569	2573	2575	rBV3	2997	3456	1.67%	0.162%

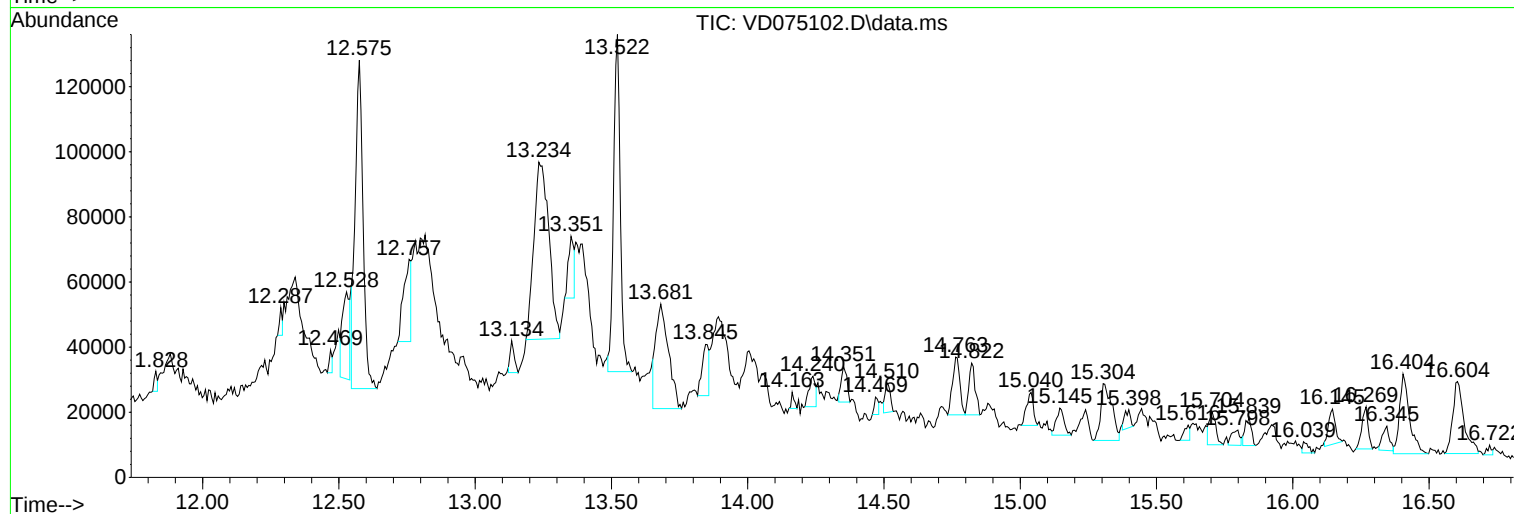
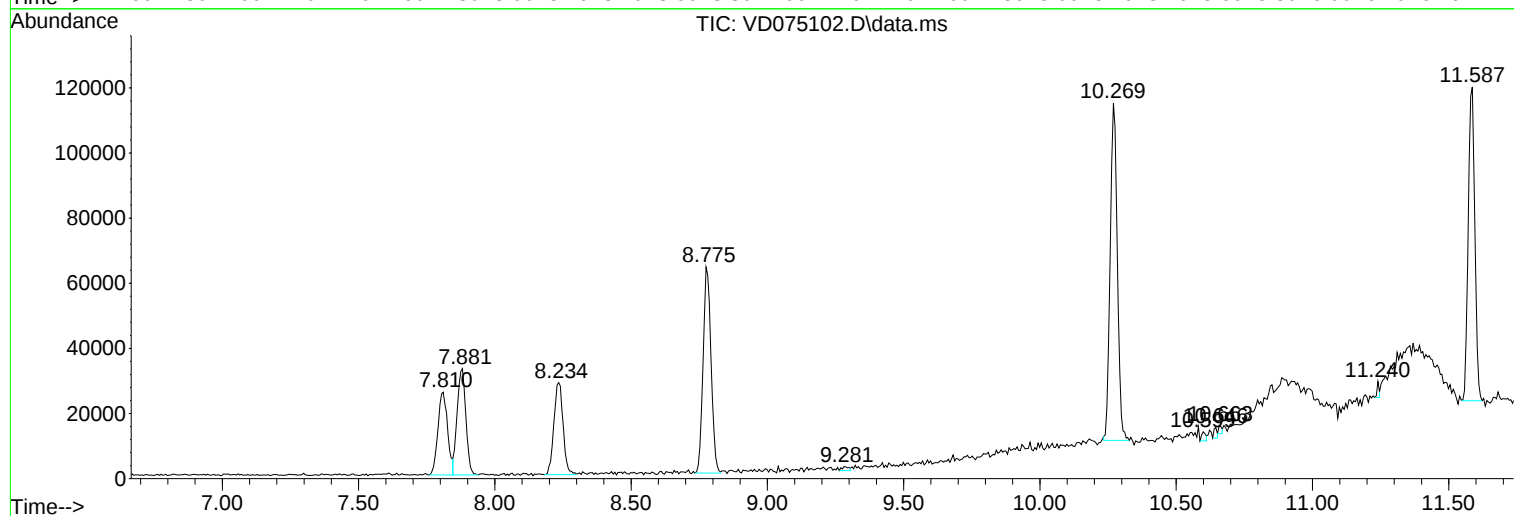
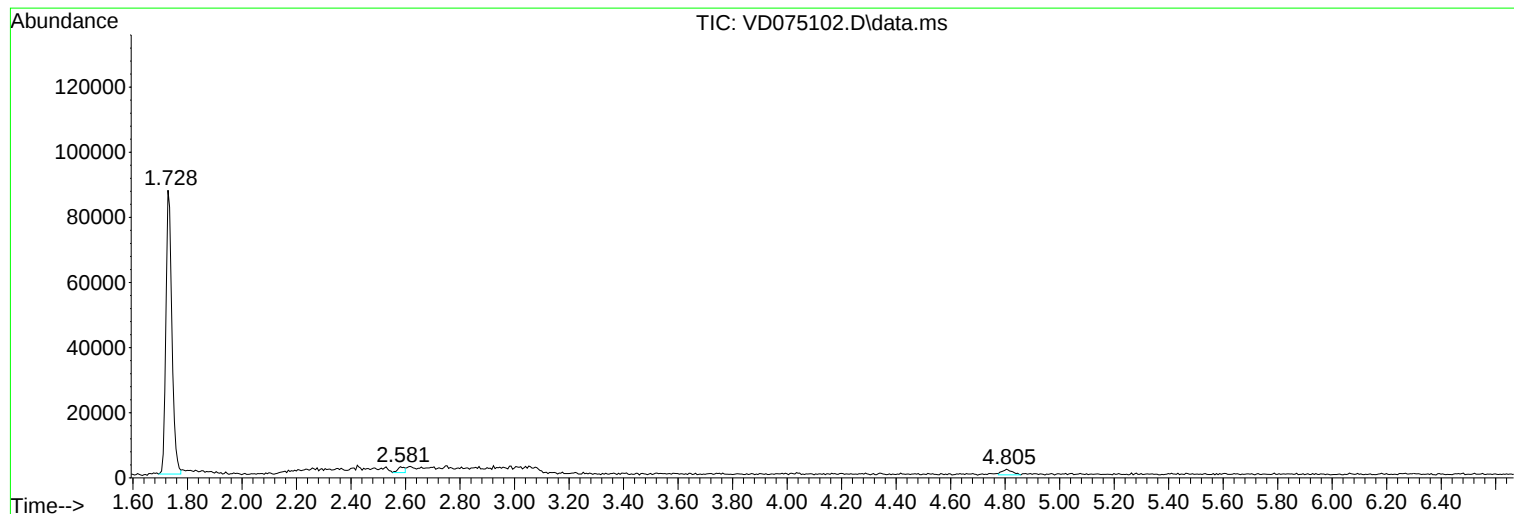
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010923S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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ClientSampleId :
B-2-(35-37)

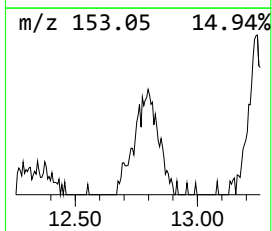
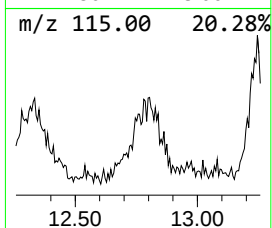
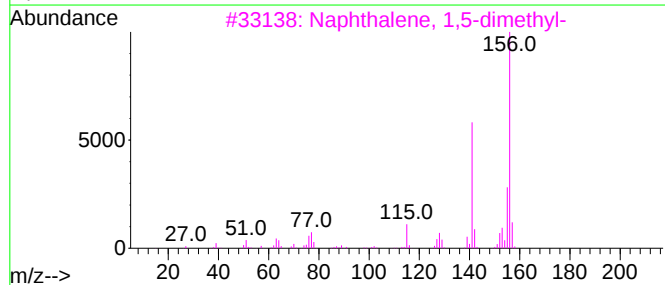
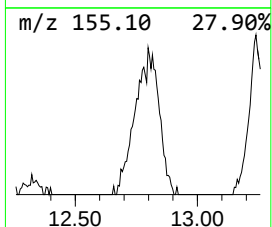
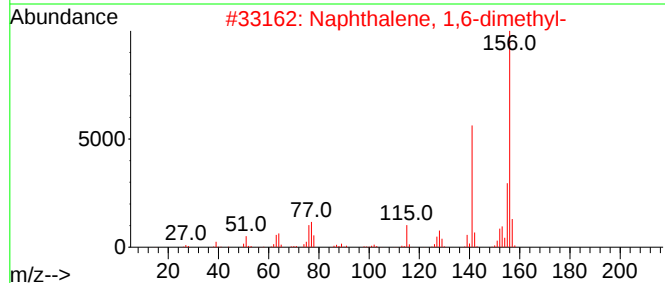
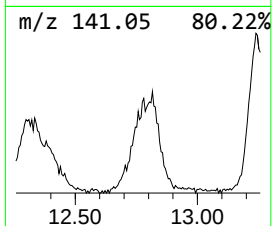
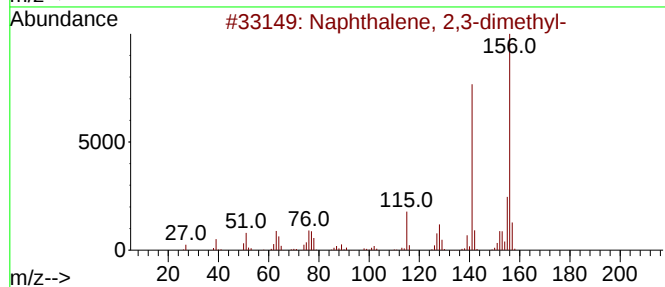
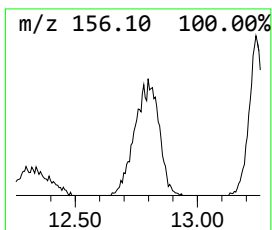
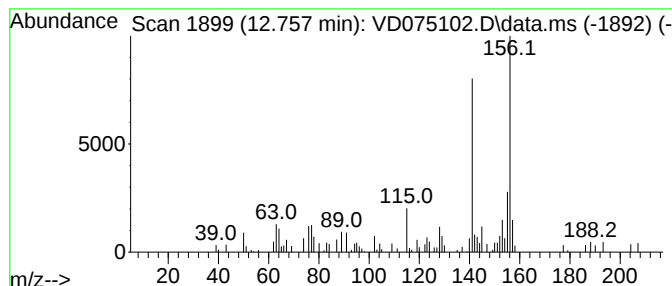
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010923S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Naphthalene, 2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.757	13.50 ug/l	47397	1,4-Dichlorobenzene-d4	13.522

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93
2			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93
3			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	93
4			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	93
5			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93



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Misc : 5.75G/5.00ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
B-2-(35-37)

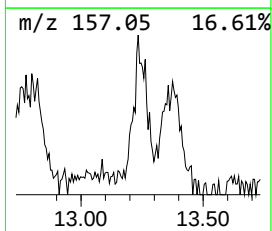
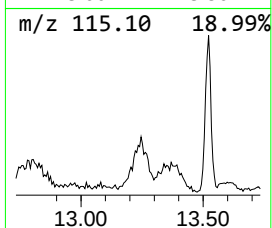
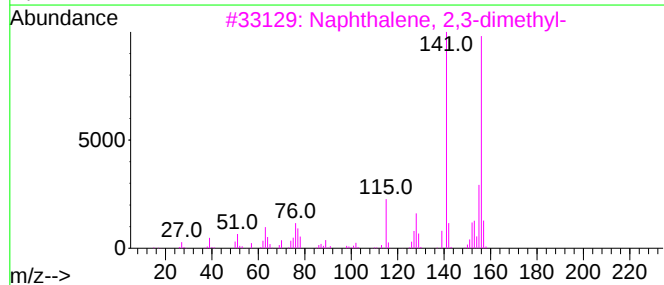
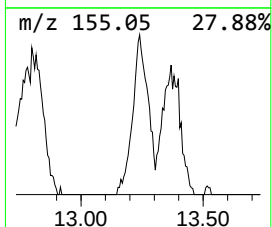
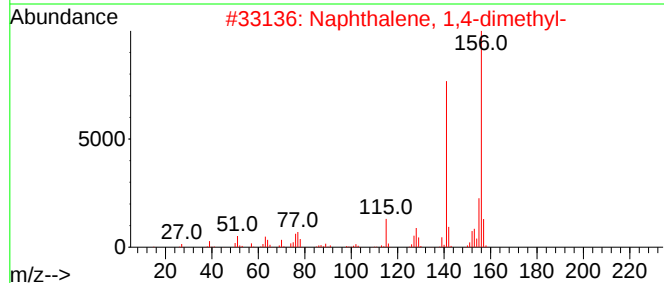
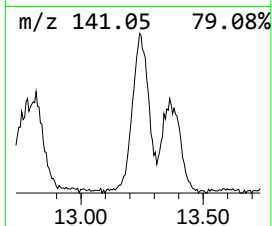
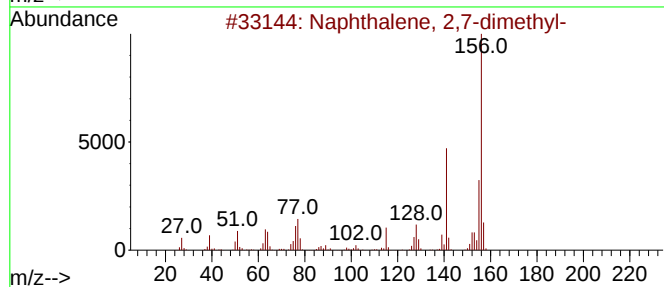
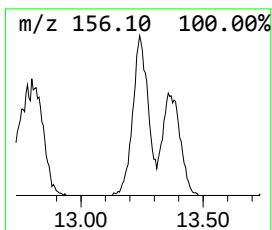
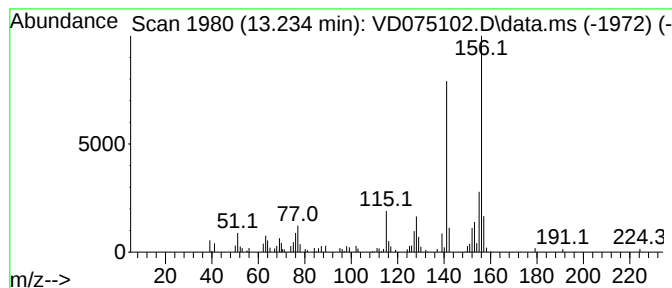
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010923S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphthalene, 2,7-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.234	58.99 ug/l	207104	1,4-Dichlorobenzene-d4	13.522

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011023\
Data File : VD075102.D
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Operator : KP/SY
Sample : 01080-03
Misc : 5.75G/5.00ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
B-2-(35-37)

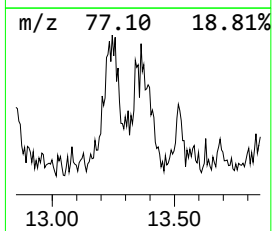
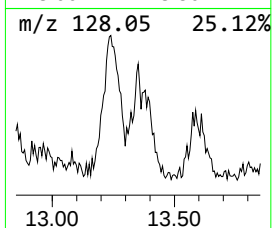
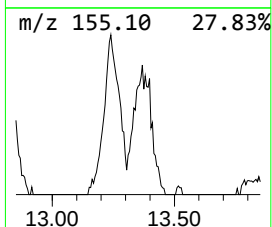
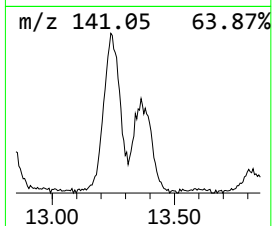
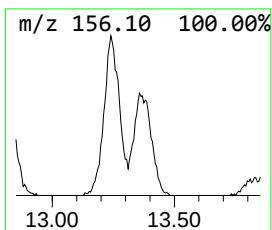
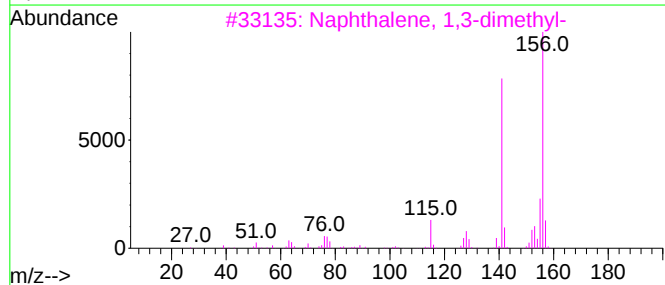
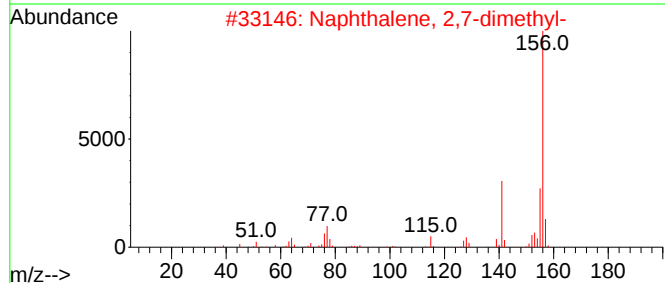
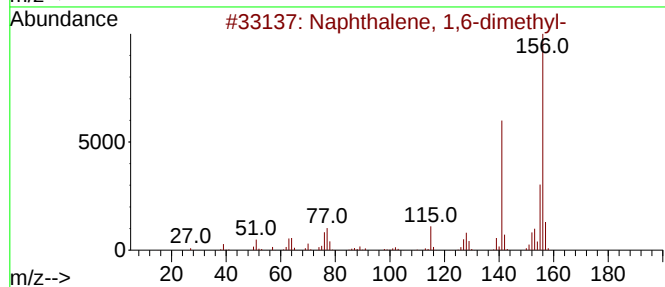
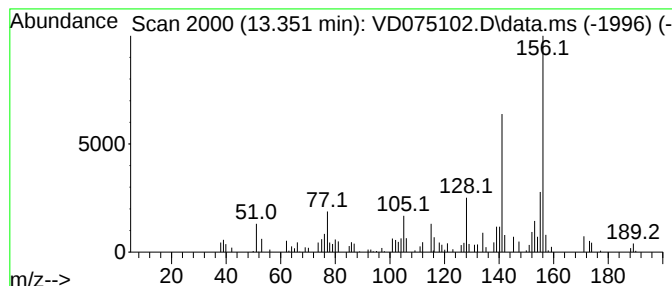
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010923S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, 1,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.351	7.72 ug/l	27114	1,4-Dichlorobenzene-d4	13.522

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	89
2			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	87
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	76
4			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	76
5			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	76



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ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
B-2-(35-37)

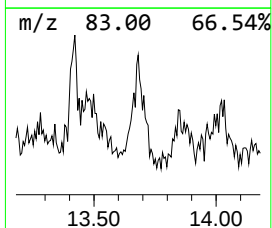
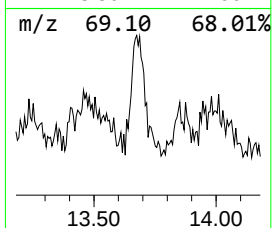
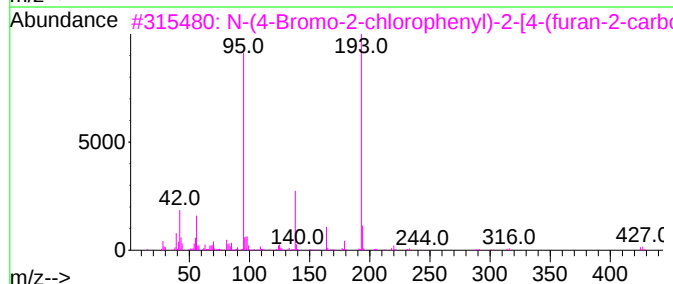
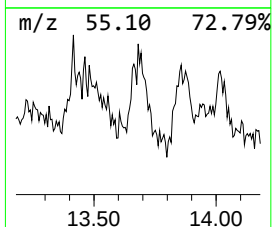
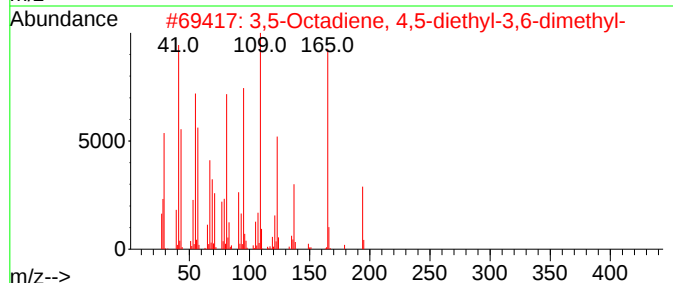
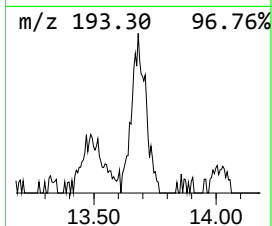
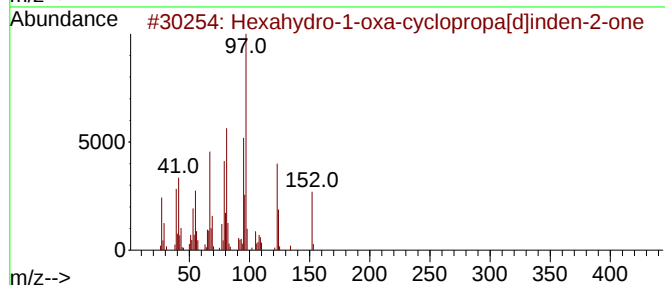
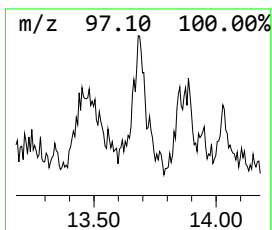
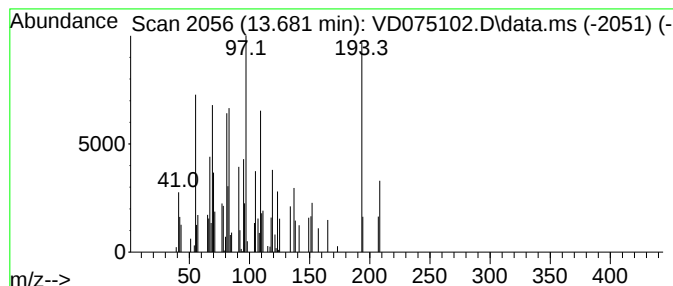
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010923S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown13.681 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.681	29.38 ug/l	103157	1,4-Dichlorobenzene-d4	13.522

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexahydro-1-oxa-cyclopropa[d]ind...	152	C9H12O2	037643-23-5	38
2			3,5-Octadiene, 4,5-diethyl-3,6-d...	194	C14H26	061233-79-2	30
3			N-(4-Bromo-2-chlorophenyl)-2-[4-...	425	C17H17BrClN3O3	1000482-48-9	22
4			2-Caren-4-ol	152	C10H16O	006617-35-2	20
5			3-Cyclohexene-1-carboxaldehyde, ...	152	C10H16O	040702-26-9	15



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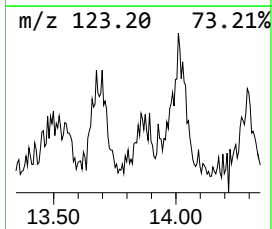
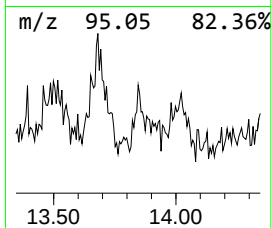
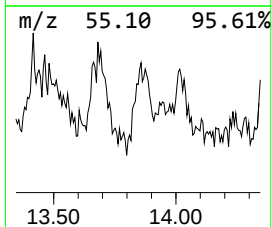
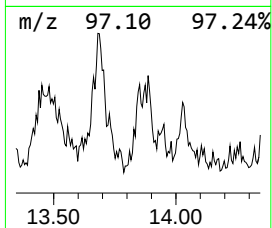
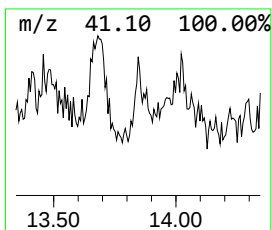
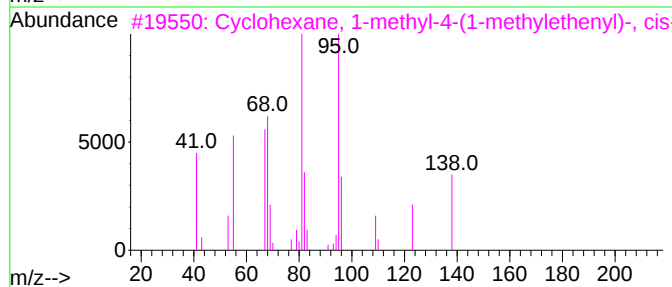
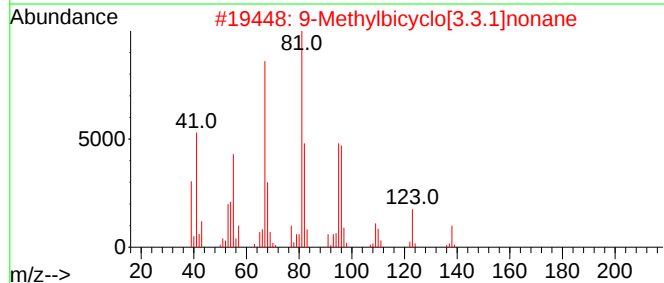
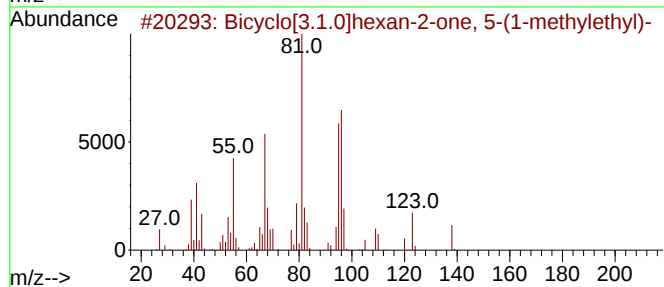
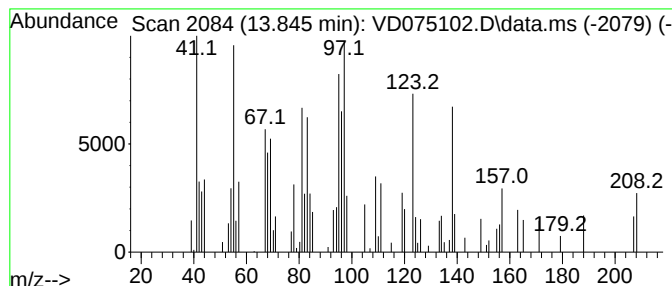
Instrument :
MSVOA_D
ClientSampleId :
B-2-(35-37)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010923S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Bicyclo[3.1.0]hexan-2-one, ... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.845	7.82 ug/l	27469	1,4-Dichlorobenzene-d4		13.522	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.0]hexan-2-one, 5-(1-...		138	C9H14O	000513-20-2	58
2	9-Methylbicyclo[3.3.1]nonane		138	C10H18	025107-01-1	53
3	Cyclohexane, 1-methyl-4-(1-methy...		138	C10H18	001879-07-8	42
4	Naphthalene, decahydro-, trans-		138	C10H18	000493-02-7	38
5	2,4-Dioxaspiro[5.5]undecane, 7,9...		198	C12H22O2	069745-75-1	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011023\
Data File : VD075102.D
Acq On : 10 Jan 2023 13:06
Operator : KP/SY
Sample : 01080-03
Misc : 5.75G/5.00ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
B-2-(35-37)

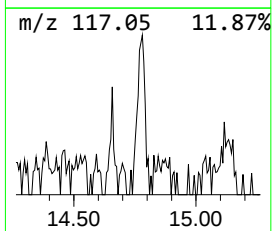
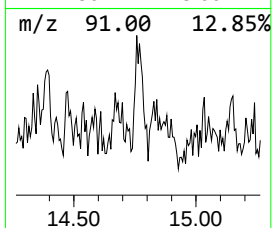
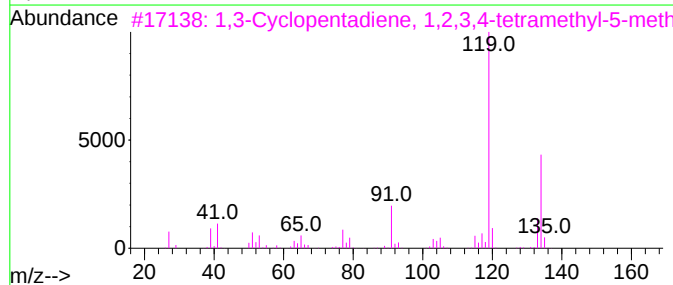
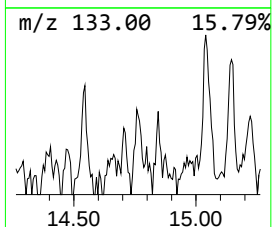
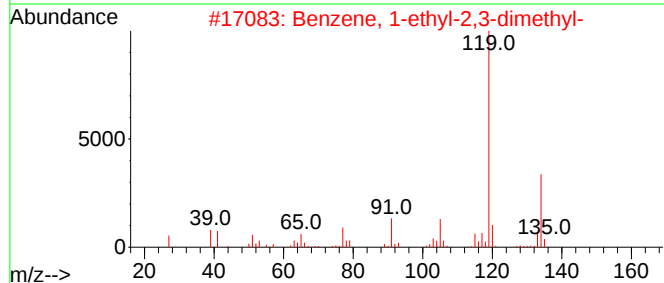
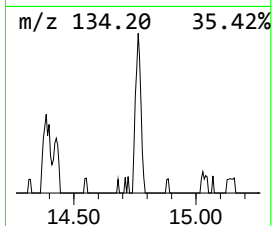
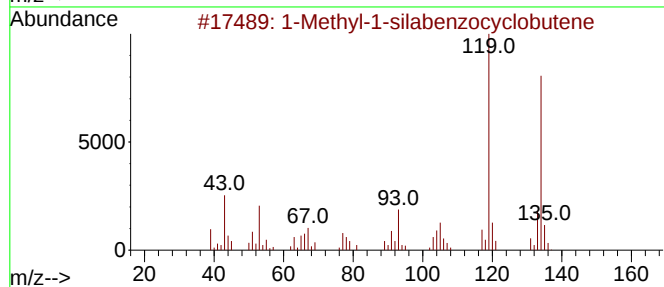
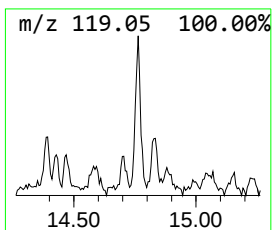
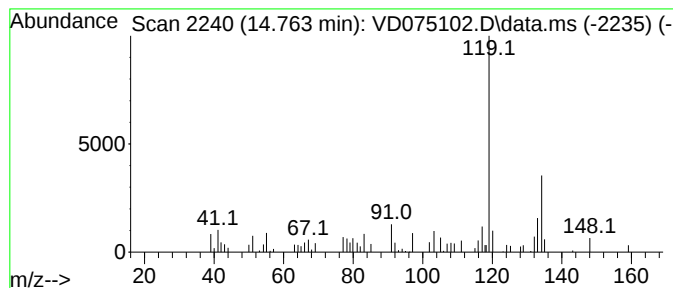
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010923S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 1-Methyl-1-silabenzocyclobu... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.763	9.42 ug/l	33089	1,4-Dichlorobenzene-d4	13.522

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Methyl-1-silabenzocyclobutene	134	C8H10Si	160841-06-5	86
2			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	86
3			1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	86
4			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	83
5			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011023\
Data File : VD075102.D
Acq On : 10 Jan 2023 13:06
Operator : KP/SY
Sample : 01080-03
Misc : 5.75G/5.00ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
B-2-(35-37)

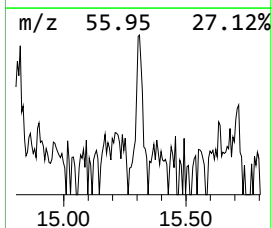
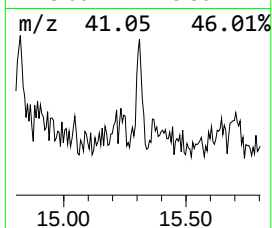
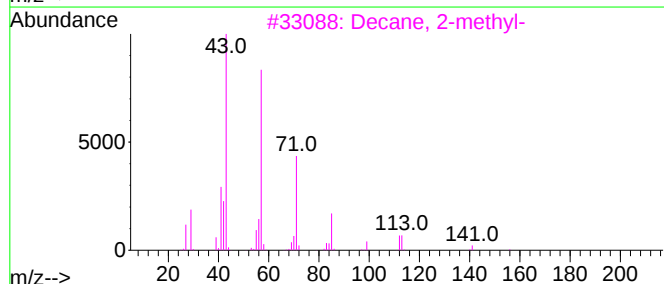
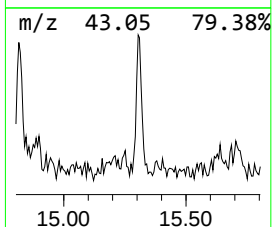
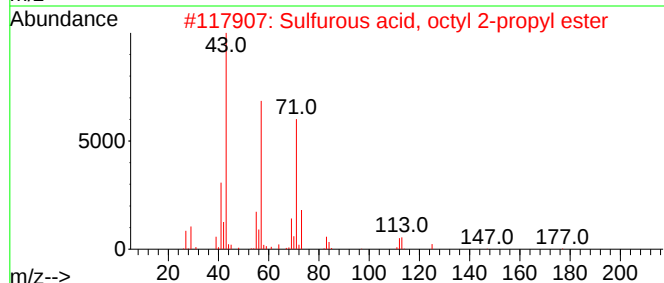
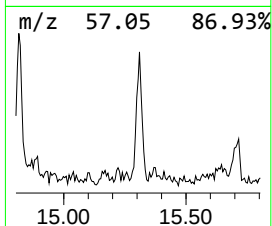
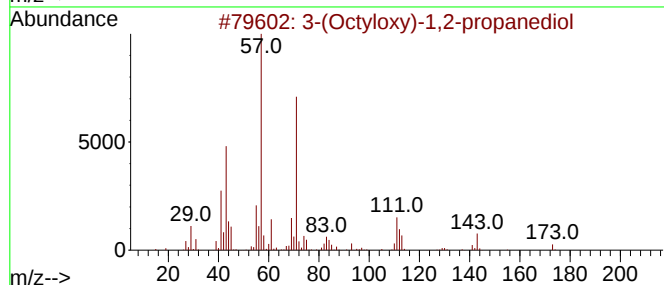
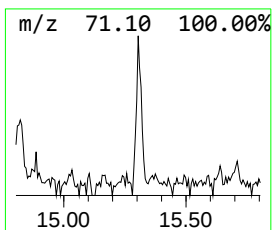
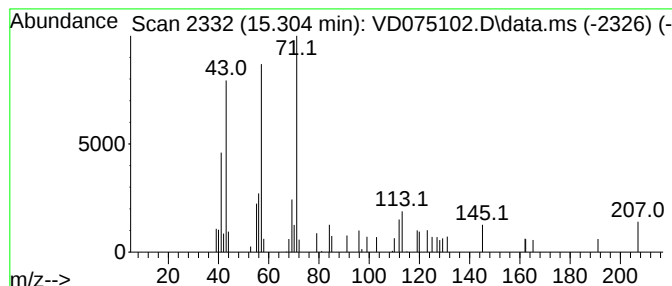
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010923S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 unknown15.304 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.304	14.12 ug/l	49580	1,4-Dichlorobenzene-d4	13.522

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(Octyloxy)-1,2-propanediol	204	C11H24O3	010438-94-5	43		
2	Sulfurous acid, octyl 2-propyl e...	236	C11H24O3S	1000309-11-9	43		
3	Decane, 2-methyl-	156	C11H24	006975-98-0	43		
4	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	43		
5	Nonane, 3-methyl-	142	C10H22	005911-04-6	43		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011023\
Data File : VD075102.D
Acq On : 10 Jan 2023 13:06
Operator : KP/SY
Sample : 01080-03
Misc : 5.75G/5.00ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
B-2-(35-37)

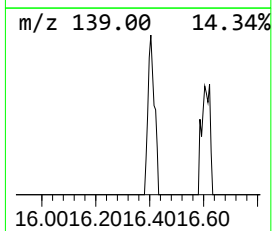
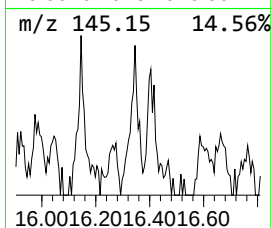
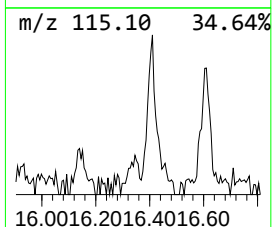
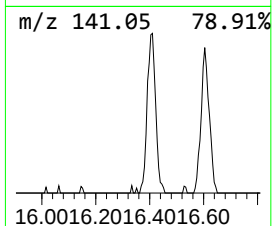
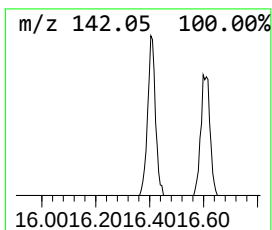
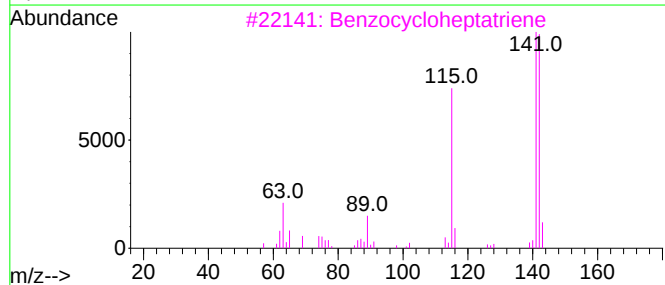
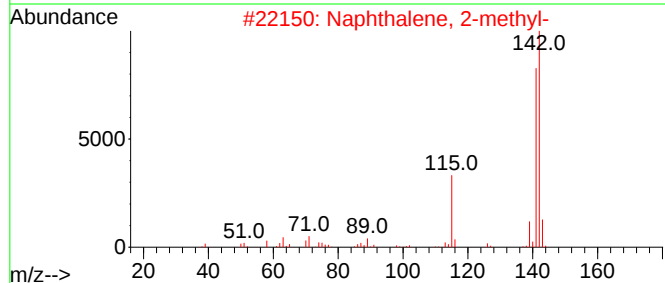
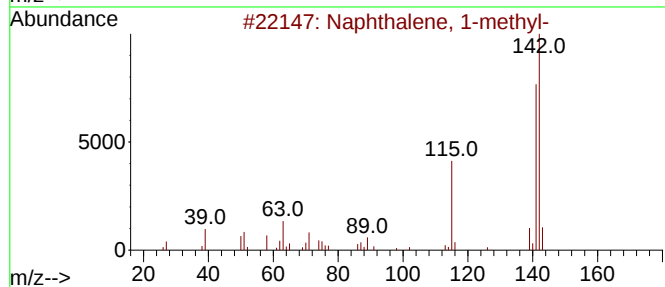
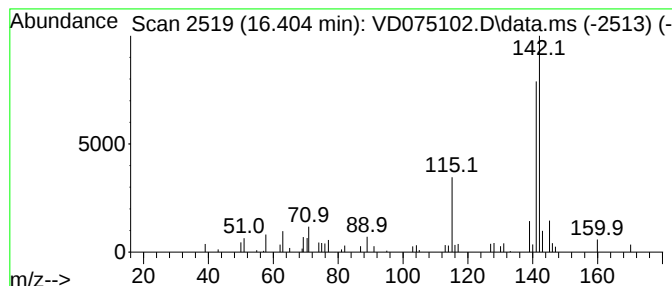
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010923S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Benzocycloheptatriene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.404	17.51 ug/l	61479	1,4-Dichlorobenzene-d4	13.522

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
2			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	90
3			Benzocycloheptatriene	142	C11H10	000264-09-5	83
4			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	80
5			1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011023\
Data File : VD075102.D
Acq On : 10 Jan 2023 13:06
Operator : KP/SY
Sample : 01080-03
Misc : 5.75G/5.00ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
B-2-(35-37)

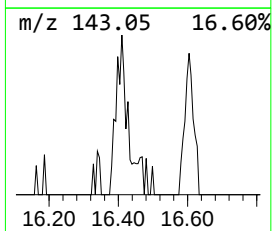
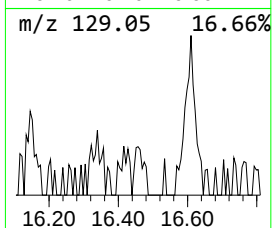
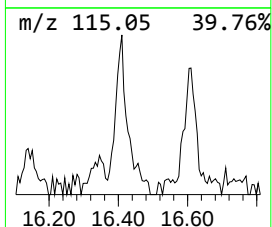
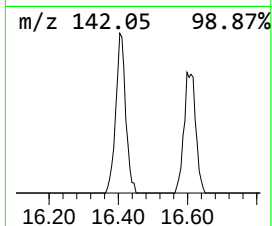
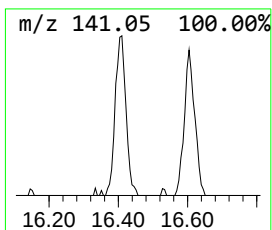
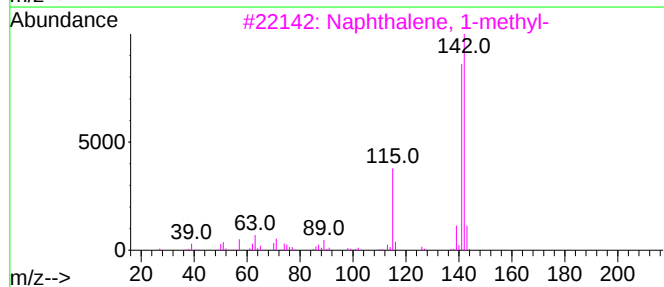
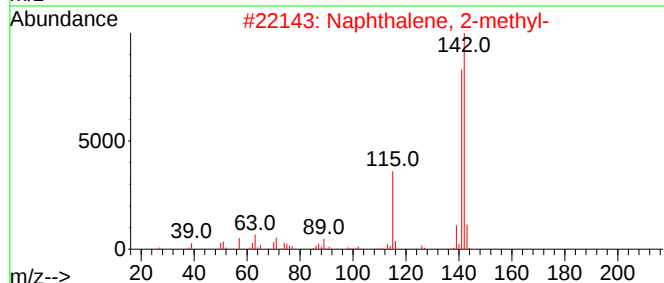
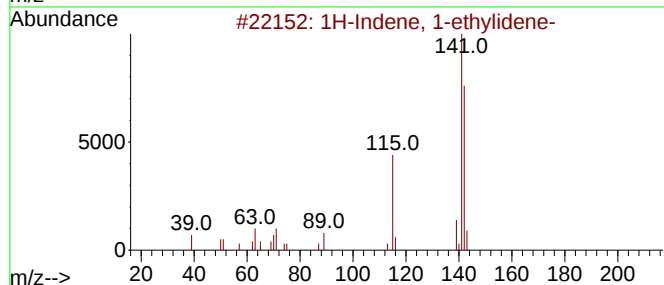
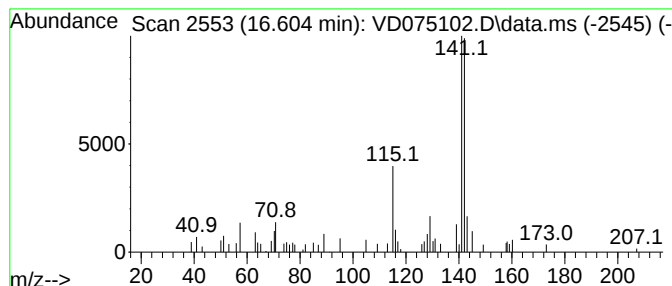
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010923S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 1H-Indene, 1-ethylidene- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.604	18.07 ug/l	63437	1,4-Dichlorobenzene-d4	13.522

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	94
2			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	87
3			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	87
4			Benzocycloheptatriene	142	C11H10	000264-09-5	74
5			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011023\
Data File : VD075102.D
Acq On : 10 Jan 2023 13:06
Operator : KP/SY
Sample : 01080-03
Misc : 5.75G/5.00ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
B-2-(35-37)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010923S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Naphthalene, 2,...	12.757	13.5	ug/l	47397	4	13.522	175547	50.0
Naphthalene, 2,...	13.234	59.0	ug/l	207104	4	13.522	175547	50.0
Naphthalene, 1,...	13.351	7.7	ug/l	27114	4	13.522	175547	50.0
unknown13.681	13.681	29.4	ug/l	103157	4	13.522	175547	50.0
Bicyclo[3.1.0]h...	13.845	7.8	ug/l	27469	4	13.522	175547	50.0
1-Methyl-1-sila...	14.763	9.4	ug/l	33089	4	13.522	175547	50.0
unknown15.304	15.304	14.1	ug/l	49580	4	13.522	175547	50.0
Benzocyclohepta...	16.404	17.5	ug/l	61479	4	13.522	175547	50.0
1H-Indene, 1-et...	16.604	18.1	ug/l	63437	4	13.522	175547	50.0