

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041323\
 Data File : VD075669.D
 Acq On : 13 Apr 2023 19:35
 Operator : KP/SY
 Sample : 02308-01
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-01-041223

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\82D041323S.M
 Title : SW846 8260

Signal : TIC: VD075669.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	36	rBV	169619	286929	100.00%	30.741%
2	2.140	89	94	96	rBV2	2663	4230	1.47%	0.453%
3	7.804	1050	1057	1064	rBV5	7466	16979	5.92%	1.819%
4	7.875	1064	1069	1077	rVB3	4901	10506	3.66%	1.126%
5	8.228	1123	1129	1137	rBV3	6104	13443	4.69%	1.440%
6	8.769	1216	1221	1231	rBV3	13231	26434	9.21%	2.832%
7	10.269	1468	1476	1484	rBV	30021	53337	18.59%	5.714%
8	10.663	1539	1543	1546	rBV5	4642	7249	2.53%	0.777%
9	11.581	1692	1699	1706	rVB2	37123	63725	22.21%	6.827%
10	12.575	1862	1868	1873	rBV2	25680	45897	16.00%	4.917%
11	12.681	1882	1886	1887	rBV2	4339	5091	1.77%	0.545%
12	12.728	1892	1894	1901	rVB7	6707	14674	5.11%	1.572%
13	13.192	1958	1973	1986	rBV6	27196	121282	42.27%	12.994%
14	13.304	1987	1992	1994	rBV3	9414	14912	5.20%	1.598%
15	13.516	2023	2028	2035	rVB2	33884	59764	20.83%	6.403%
16	13.781	2070	2073	2075	rVV4	2577	3486	1.21%	0.373%
17	13.828	2078	2081	2082	rVV3	5525	5846	2.04%	0.626%
18	13.863	2082	2087	2097	rVV9	12299	34403	11.99%	3.686%
19	13.963	2101	2104	2116	rVB9	4972	12545	4.37%	1.344%
20	14.186	2140	2142	2145	rBV4	2474	3014	1.05%	0.323%
21	14.281	2153	2158	2159	rBV2	4589	5306	1.85%	0.568%
22	14.586	2207	2210	2212	rBV4	3050	3493	1.22%	0.374%
23	14.681	2222	2226	2227	rBV2	3715	3740	1.30%	0.401%
24	14.798	2243	2246	2249	rBV5	2179	3294	1.15%	0.353%
25	14.857	2255	2256	2262	rVB6	2542	3421	1.19%	0.367%
26	15.004	2274	2281	2282	rBV2	8779	15245	5.31%	1.633%
27	15.198	2305	2314	2315	rBV6	6315	11289	3.93%	1.209%
28	15.363	2338	2342	2343	rBV4	3470	3244	1.13%	0.348%
29	15.386	2343	2346	2349	rVV5	3887	6913	2.41%	0.741%
30	15.433	2349	2354	2364	rVB7	10249	27458	9.57%	2.942%
31	15.580	2367	2379	2385	rBV7	9802	30725	10.71%	3.292%
32	16.075	2456	2463	2469	rBV6	4311	11237	3.92%	1.204%
33	16.298	2495	2501	2505	rBV4	1889	4264	1.49%	0.457%

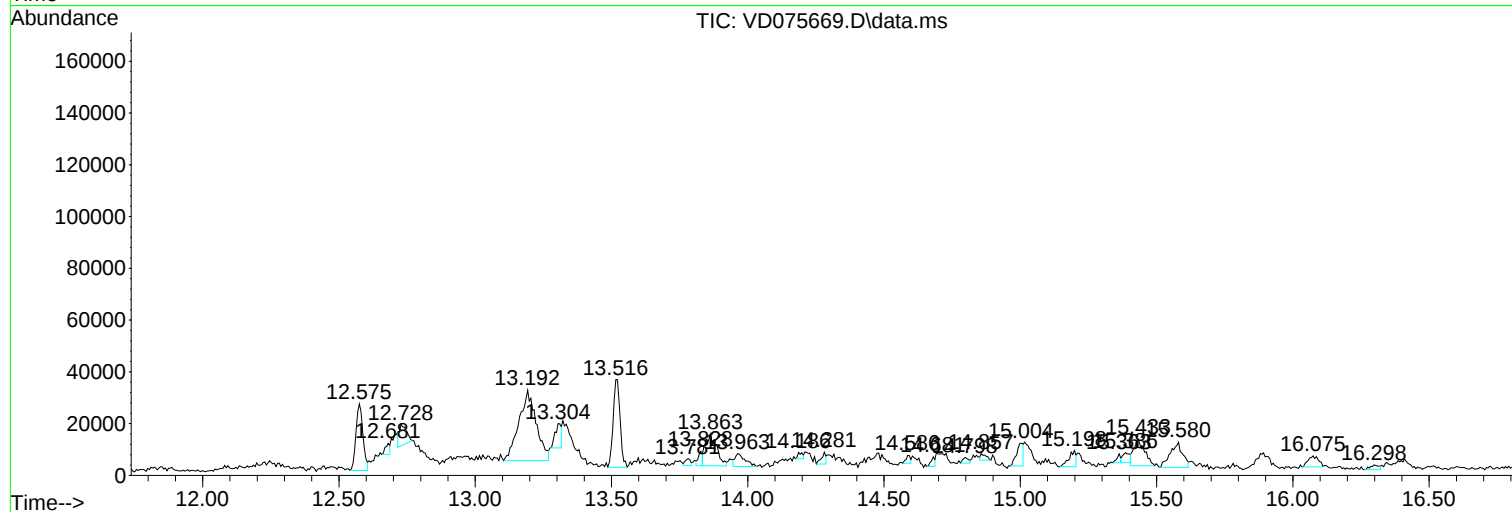
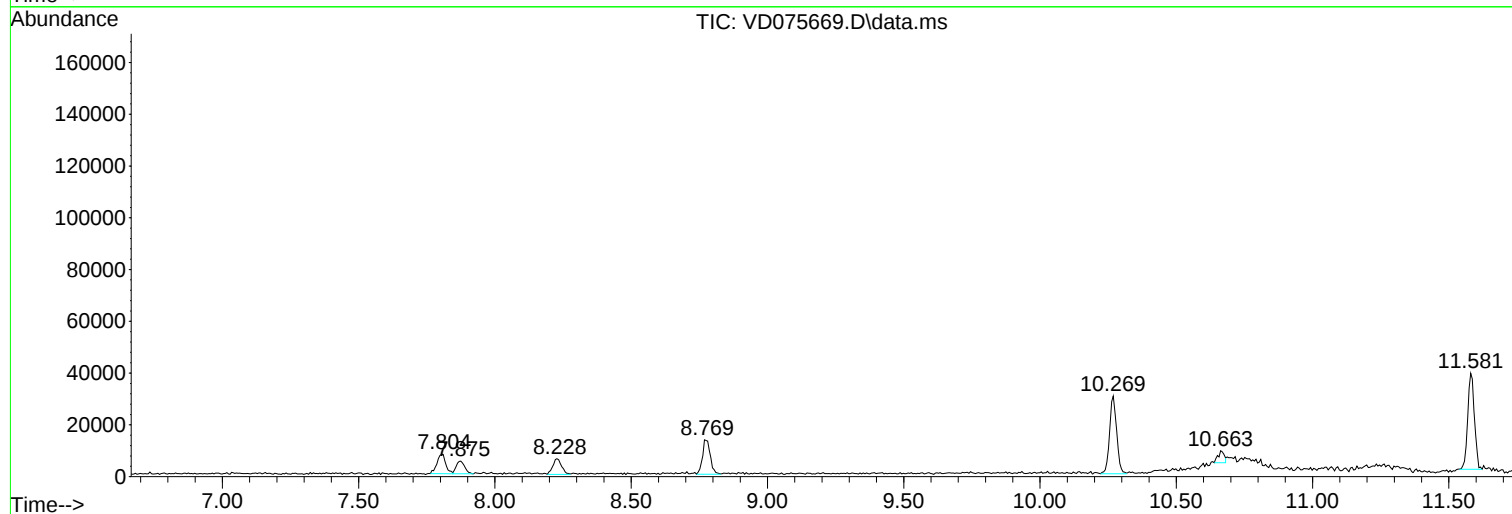
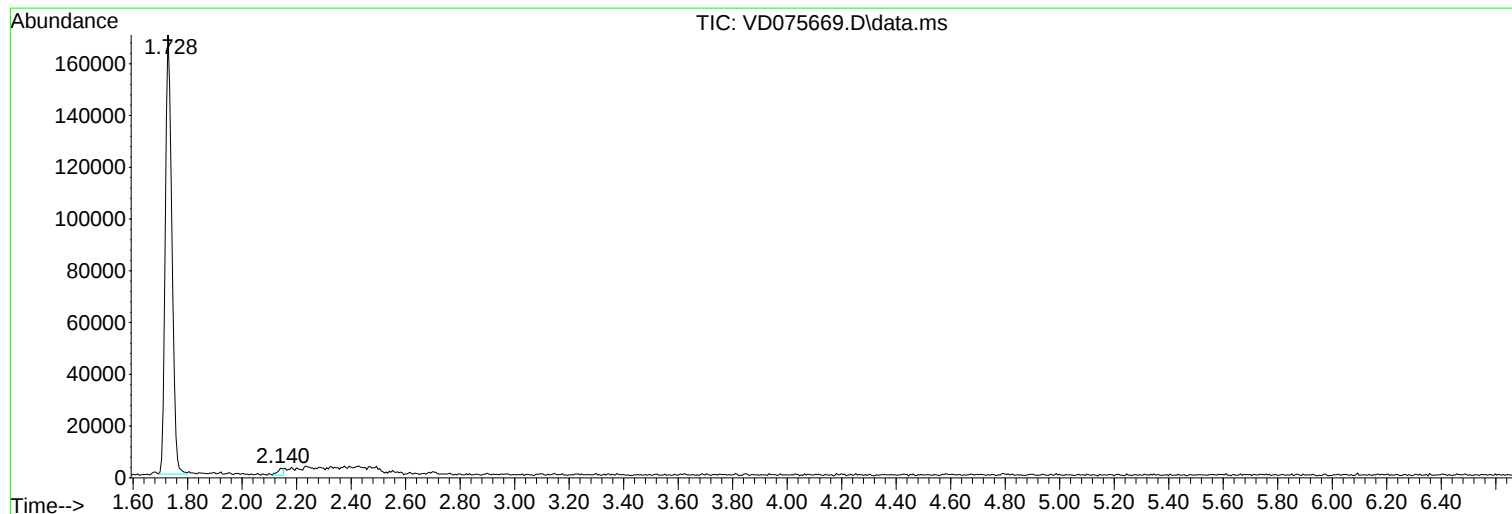
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EO-01-041223

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
Quant Title : SW846 8260

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



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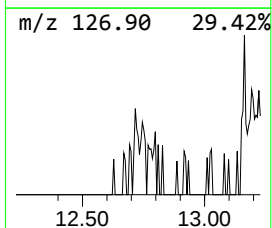
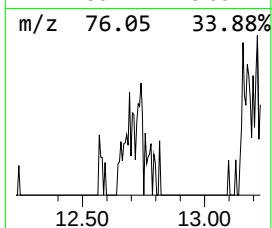
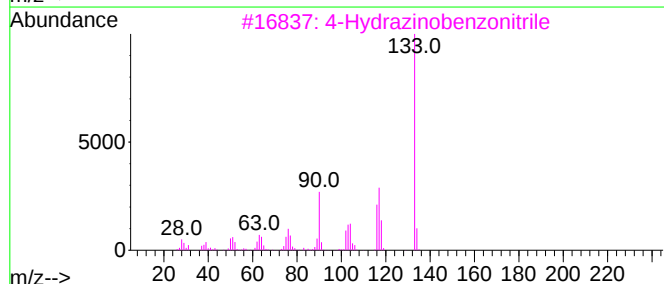
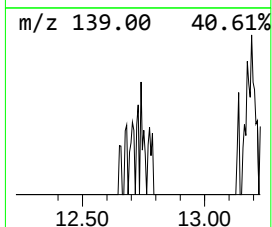
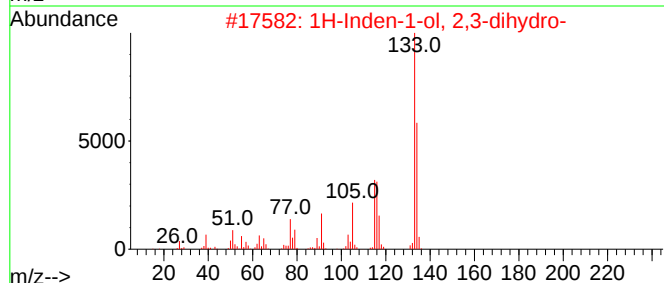
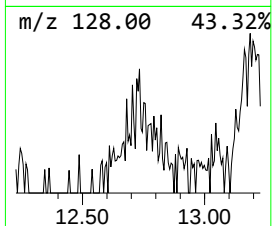
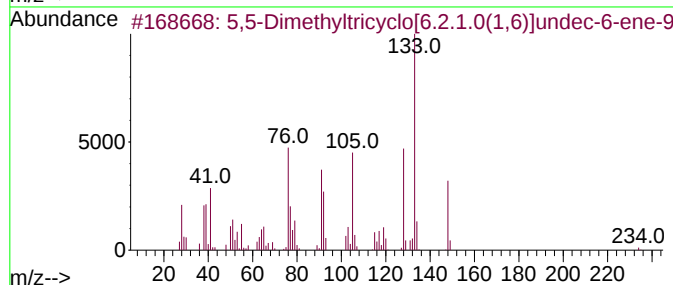
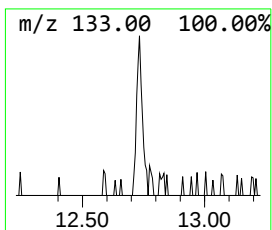
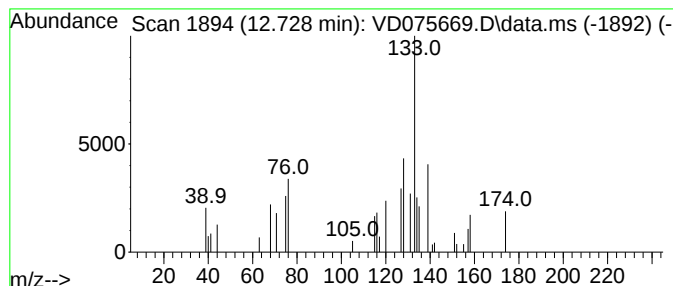
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
Quant Title : SW846 8260

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

Peak Number 3 unknown12.728 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.728	12.28 ug/l	14674	1,4-Dichlorobenzene-d4	13.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,5-Dimethyltricyclo[6.2.1.0(1,6...	276	C17H16N4	1000186-00-6	25		
2	1H-Inden-1-ol, 2,3-dihydro-	134	C9H10O	006351-10-6	9		
3	4-Hydrazinobenzonitrile	133	C7H7N3	017672-27-4	5		
4	Pyrazine, 2-methyl-5-(1-propenyl...	134	C8H10N2	055138-66-4	5		
5	2-Cyano-3,5-dimethylpyrazine	133	C7H7N3	124629-52-3	4		



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ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EO-01-041223

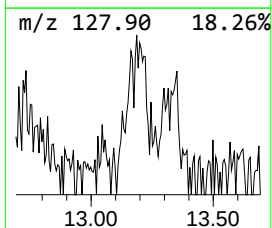
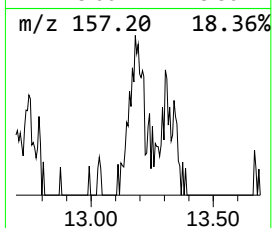
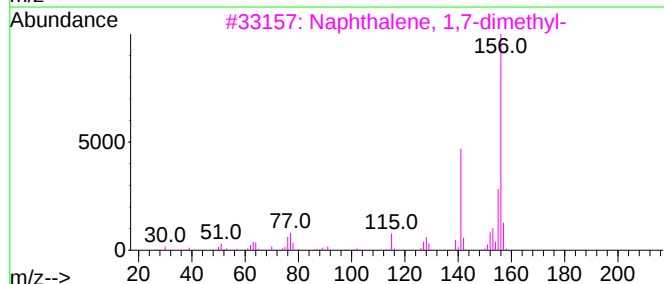
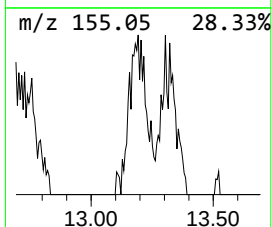
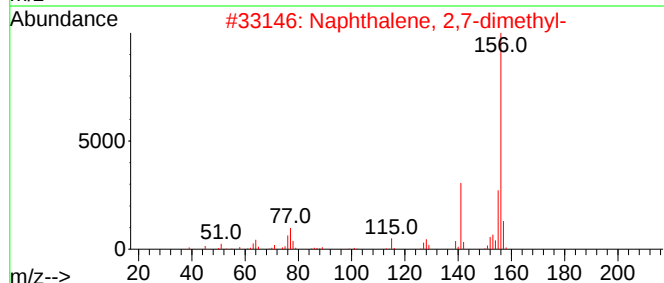
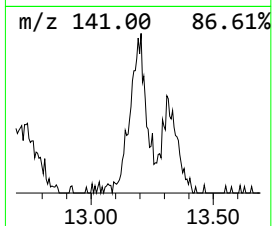
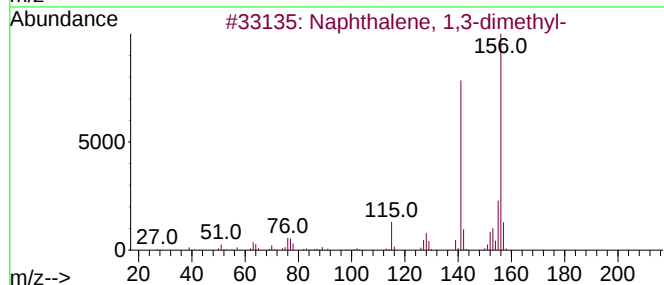
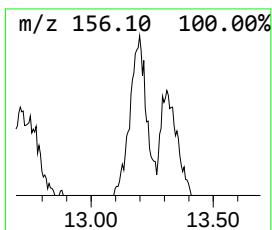
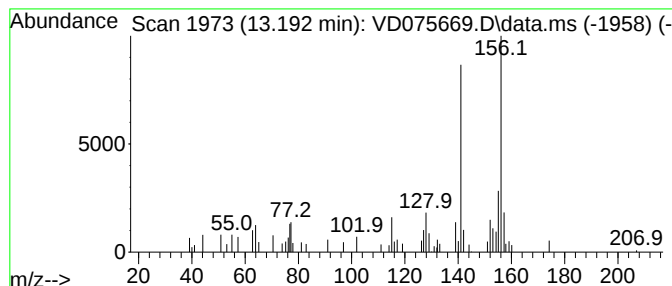
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
Quant Title : SW846 8260

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

Peak Number 4 Naphthalene, 1,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.192	101.47 ug/l	121282	1,4-Dichlorobenzene-d4	13.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
2			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	93
4			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	93
5			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041323\
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Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EO-01-041223

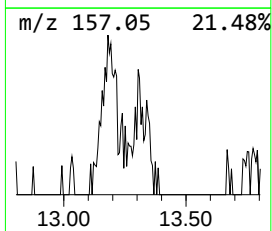
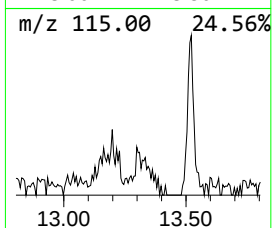
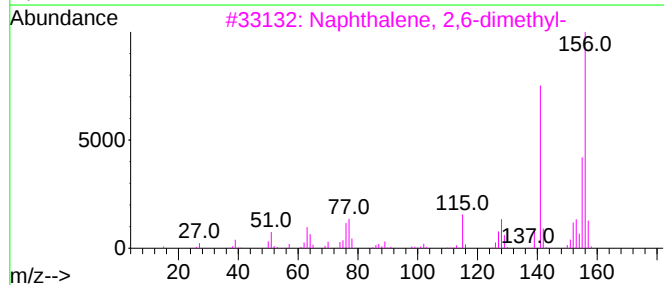
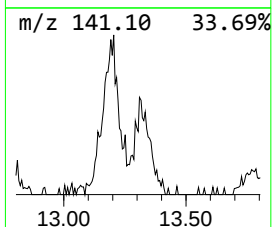
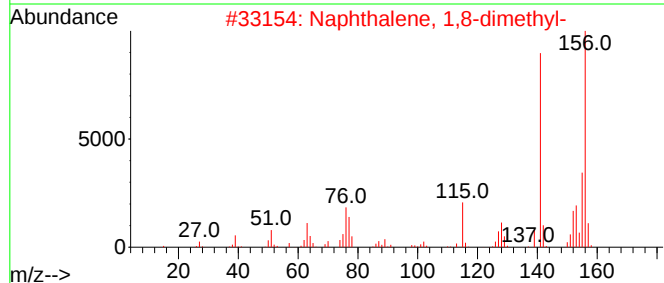
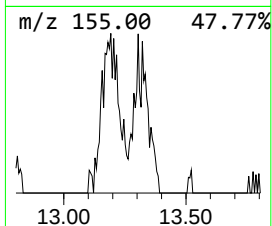
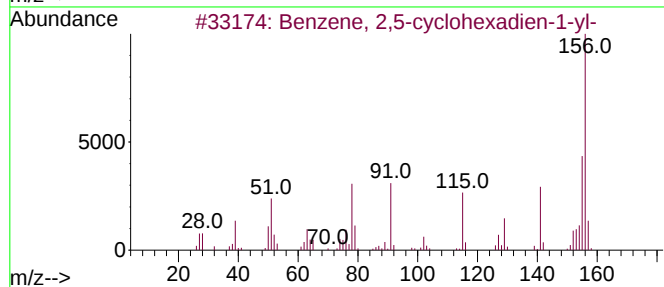
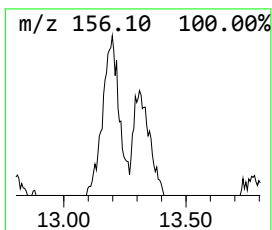
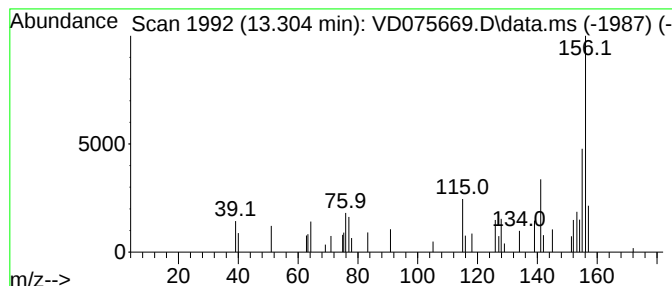
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
Quant Title : SW846 8260

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

Peak Number 5 Benzene, 2,5-cyclohexadien-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.304	12.48 ug/l	14912	1,4-Dichlorobenzene-d4	13.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2,5-cyclohexadien-1-yl-	156	C12H12	004794-05-2	76
2			Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	58
3			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	58
4			Benzene, (1,4-cyclohexadien-1-yl)-	156	C12H12	013703-52-1	58
5			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	58



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Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

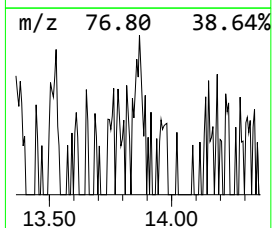
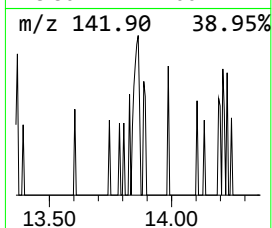
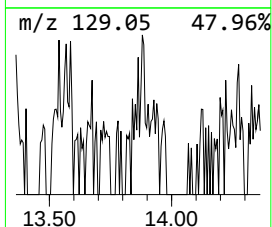
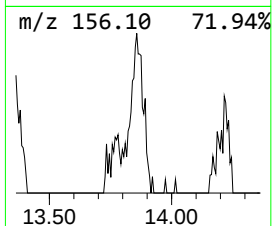
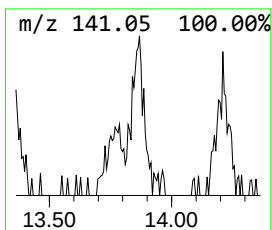
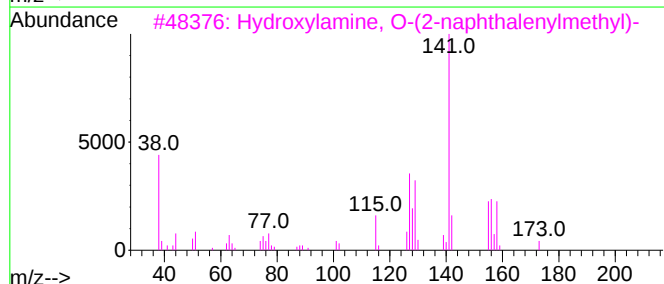
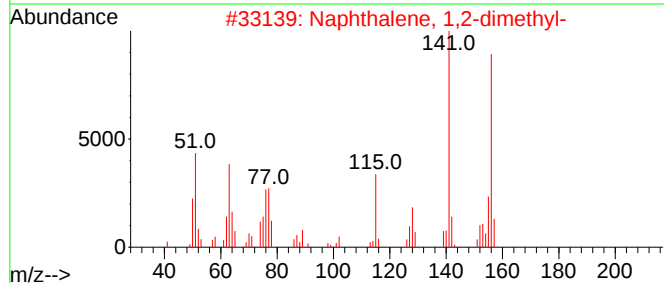
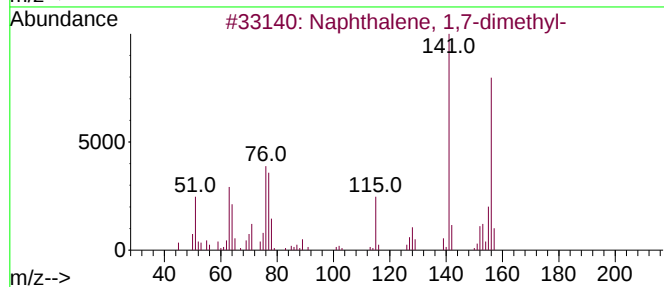
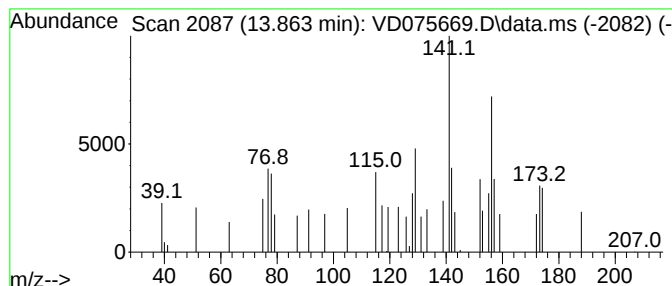
Instrument :
MSVOA_D
ClientSampleId :
EO-01-041223

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Quant Title : SW846 8260

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

Peak Number 6 unknown13.863 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD			R.T.
13.863	28.78 ug/l	34403	1,4-Dichlorobenzene-d4			13.516
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-		156	C12H12	000575-37-1	38
2	Naphthalene, 1,2-dimethyl-		156	C12H12	000573-98-8	38
3	Hydroxylamine, O-(2-naphthalenyl)-		173	C11H11NO	054484-69-4	38
4	Naphthalene, 1-(methoxymethyl)-		172	C12H12O	005903-23-1	37
5	Naphthalene, 2,7-dimethyl-		156	C12H12	000582-16-1	37



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Instrument :
MSVOA_D
ClientSampleId :
EO-01-041223

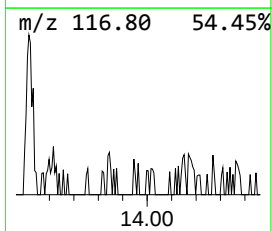
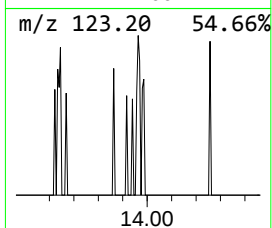
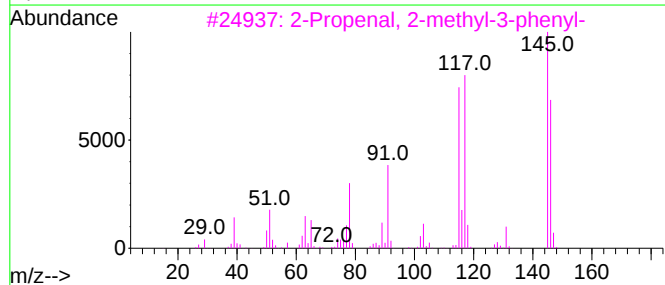
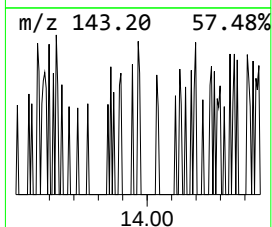
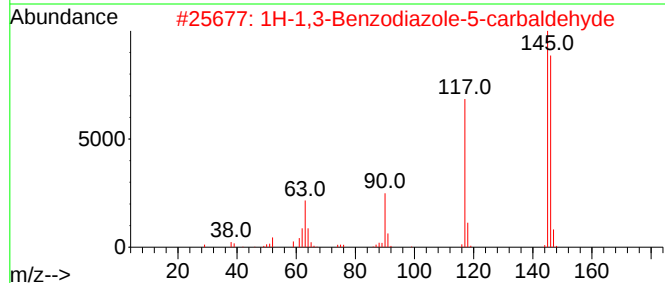
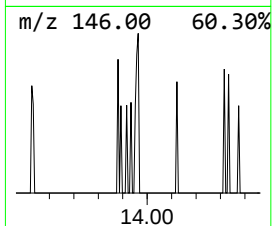
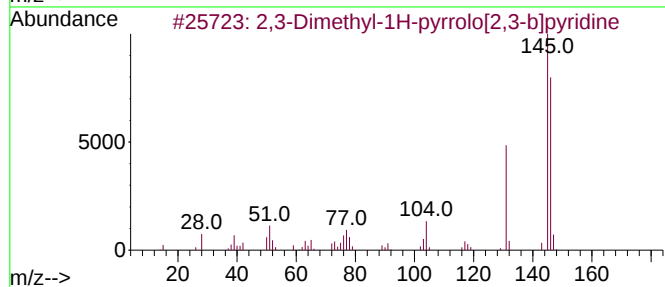
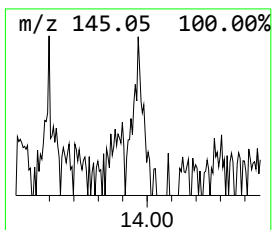
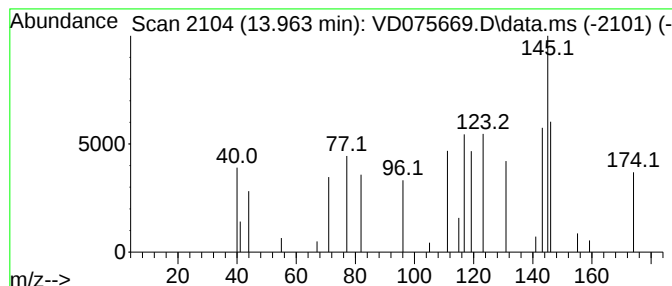
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
Quant Title : SW846 8260

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

Peak Number 7 unknown13.963 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.963	10.50 ug/l	12545	1,4-Dichlorobenzene-d4	13.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,3-Dimethyl-1H-pyrrolo[2,3-b]py...	146	C9H10N2	010299-69-1	16
2			1H-1,3-Benzodiazole-5-carbaldehyde	146	C8H6N2O	058442-17-4	16
3			2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	12
4			p-Propargyloxytoluene	146	C10H10O	005651-90-1	10
5			2-Methyl-5-(4-methylphenyl)tetra...	174	C9H10N4	038446-87-6	10



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041323\
Data File : VD075669.D
Acq On : 13 Apr 2023 19:35
Operator : KP/SY
Sample : 02308-01
Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

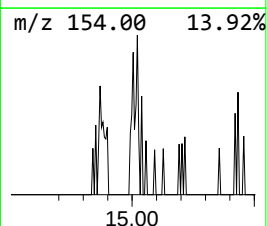
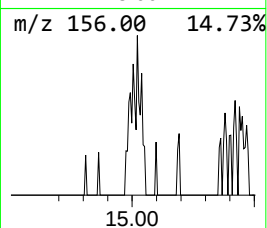
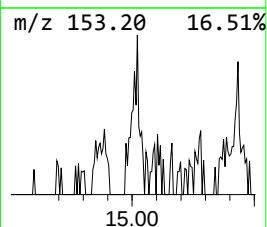
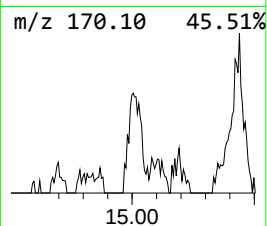
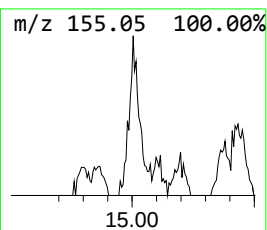
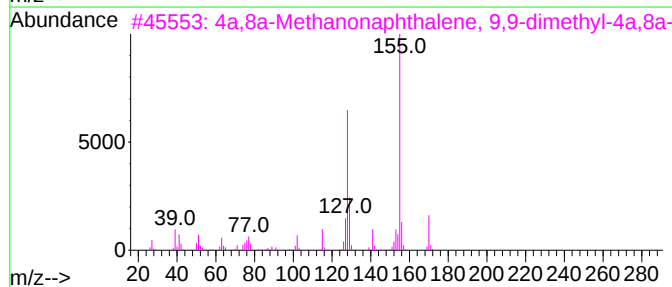
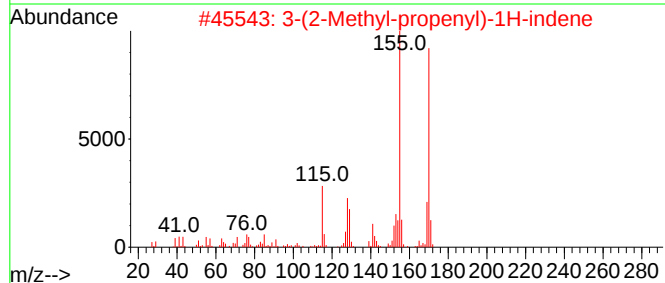
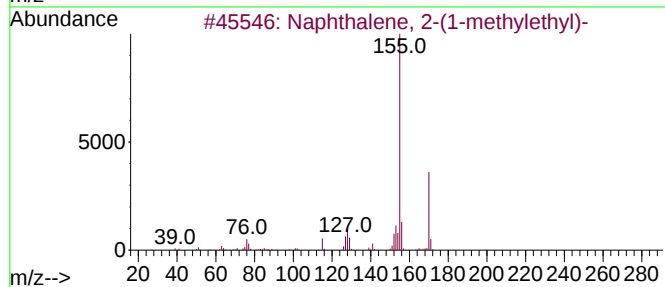
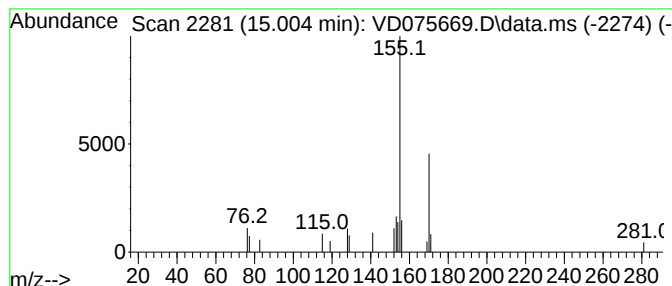
Instrument :
MSVOA_D
ClientSampleId :
EO-01-041223

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
Quant Title : SW846 8260

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

Peak Number 8 Naphthalene, 2-(1-methyleth... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.	
15.004	12.75 ug/l	15245	1,4-Dichlorobenzene-d4		13.516	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(1-methylethyl)-		170	C13H14	002027-17-0	90
2	3-(2-Methyl-propenyl)-1H-indene		170	C13H14	1000187-78-5	90
3	4a,8a-Methanonaphthalene, 9,9-di...		170	C13H14	038963-97-2	72
4	Ethanone, 1-(1-Naphthalenyl)-		170	C12H10O	000941-98-0	64
5	2-Naphthyl methyl ketone		170	C12H10O	000093-08-3	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041323\
Data File : VD075669.D
Acq On : 13 Apr 2023 19:35
Operator : KP/SY
Sample : 02308-01
Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EO-01-041223

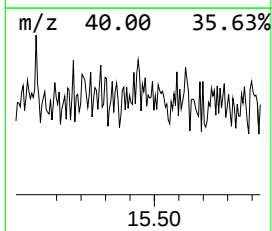
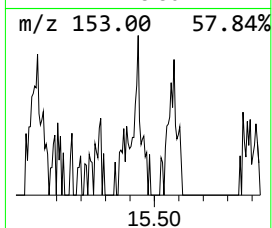
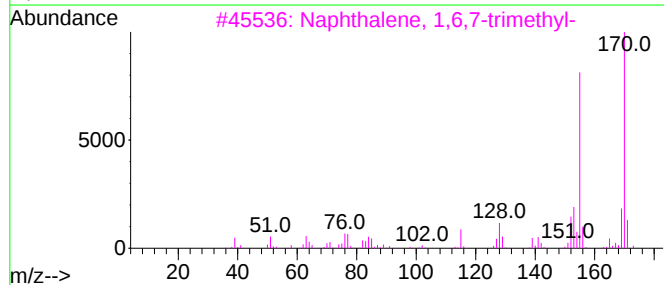
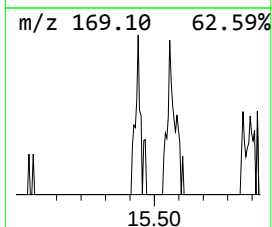
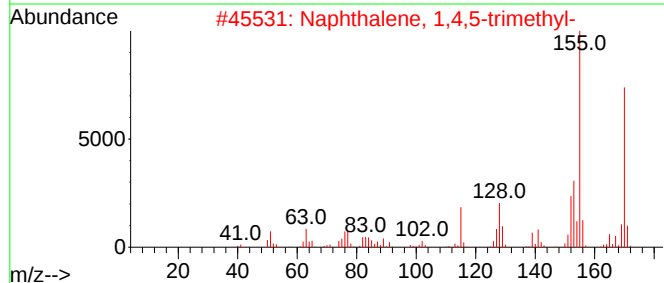
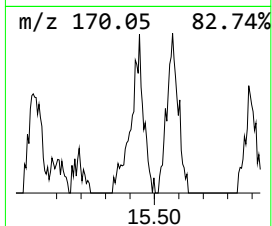
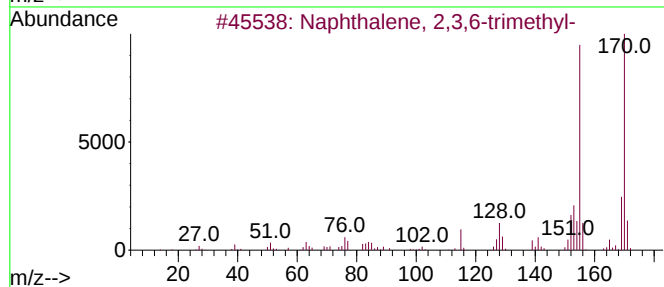
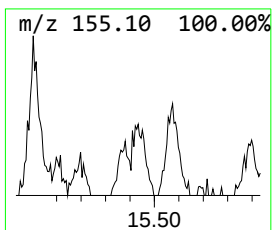
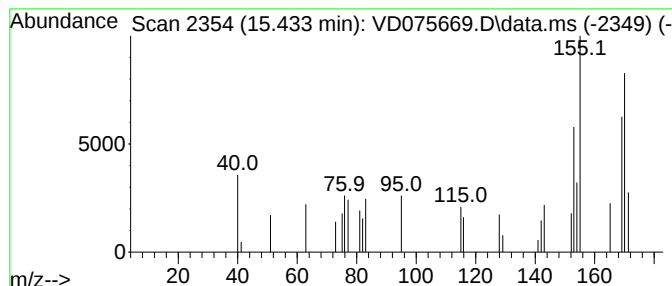
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
Quant Title : SW846 8260

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

Peak Number 9 unknown15.433 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.433	22.97 ug/l	27458	1,4-Dichlorobenzene-d4	13.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	43
2			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	43
3			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	43
4			1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	38
5			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041323\
Data File : VD075669.D
Acq On : 13 Apr 2023 19:35
Operator : KP/SY
Sample : 02308-01
Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

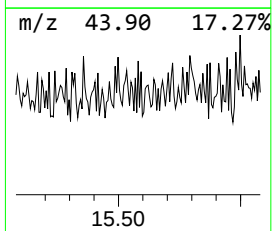
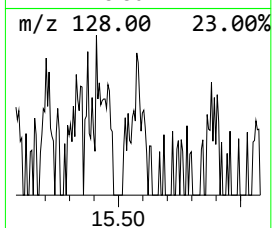
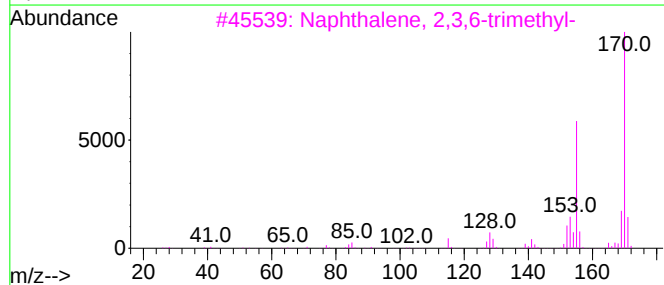
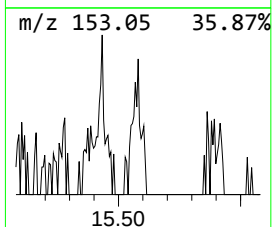
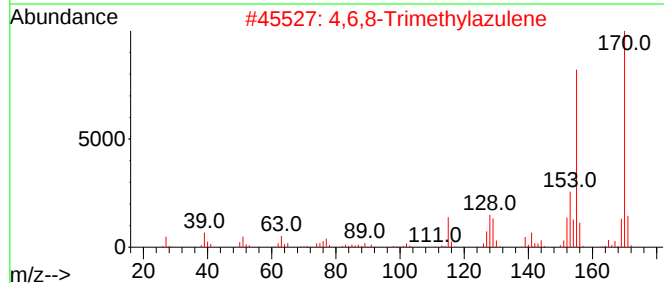
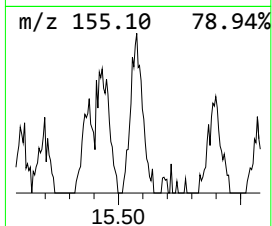
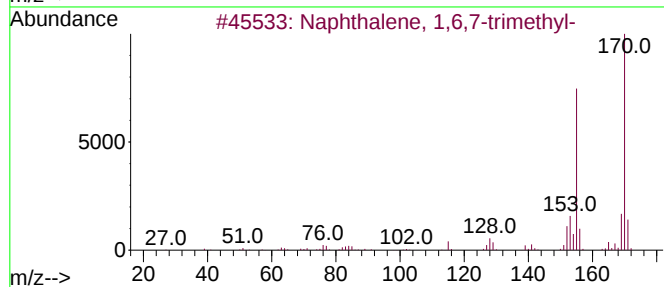
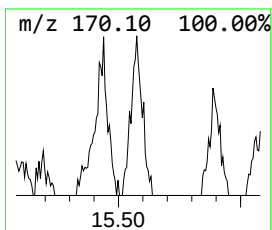
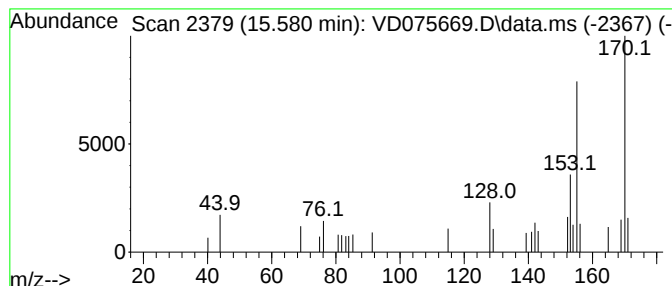
Instrument :
MSVOA_D
ClientSampleId :
EO-01-041223

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
Quant Title : SW846 8260

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

Peak Number 10 Naphthalene, 1,6,7-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.581	25.71 ug/l	30725	1,4-Dichlorobenzene-d4	13.516	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
2	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	90
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041323\
Data File : VD075669.D
Acq On : 13 Apr 2023 19:35
Operator : KP/SY
Sample : 02308-01
Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EO-01-041223

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.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
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Naphthalene, 1,...	13.192	101.5	ug/l	121282	4	13.516	59764	50.0
Benzene, 2,5-cy...	13.304	12.5	ug/l	14912	4	13.516	59764	50.0
unknown13.863	13.863	28.8	ug/l	34403	4	13.516	59764	50.0
unknown13.963	13.963	10.5	ug/l	12545	4	13.516	59764	50.0
Naphthalene, 2-...	15.004	12.8	ug/l	15245	4	13.516	59764	50.0
unknown15.433	15.433	23.0	ug/l	27458	4	13.516	59764	50.0
Naphthalene, 1,...	15.581	25.7	ug/l	30725	4	13.516	59764	50.0