

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100824\
 Data File : VY019823.D
 Acq On : 08 Oct 2024 15:22
 Operator : SY/MD
 Sample : P4340-03
 Misc : 4.16g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 1B-7-VOC

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_Y\methods\82Y090924S.M

Title : SW846 8260

Signal : TIC: VY019823.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.830	12	18	37	rVB	1187326	1624787	27.42%	8.869%
2	2.202	69	79	89	rBV	629152	1004077	16.95%	5.481%
3	2.294	89	94	99	rBV2	50089	77741	1.31%	0.424%
4	2.842	178	184	192	rVB	29276	60744	1.03%	0.332%
5	3.184	232	240	249	rBV2	37687	88078	1.49%	0.481%
6	3.330	253	264	281	rBV3	14350	61134	1.03%	0.334%
7	3.867	342	352	365	rBV	46989	134326	2.27%	0.733%
8	5.659	635	646	657	rBV2	20968	66914	1.13%	0.365%
9	6.890	835	848	861	rBV2	59175	191552	3.23%	1.046%
10	7.634	958	970	976	rBV2	194889	474871	8.01%	2.592%
11	7.707	976	982	991	rVV	333276	778342	13.14%	4.248%
12	8.079	1029	1043	1056	rVV	2531740	5925407	100.00%	32.343%
13	8.616	1118	1131	1144	rBV	535611	1047211	17.67%	5.716%
14	9.110	1199	1212	1218	rBV3	139518	319282	5.39%	1.743%
15	10.103	1368	1375	1392	rBV	880841	1645128	27.76%	8.980%
16	10.274	1397	1403	1413	rVB4	38301	99452	1.68%	0.543%
17	10.445	1422	1431	1436	rBV	58755	104169	1.76%	0.569%
18	10.506	1436	1441	1445	rBV	52385	104761	1.77%	0.572%
19	10.963	1512	1516	1520	rVB	72186	106944	1.80%	0.584%
20	11.012	1520	1524	1530	rVB	51875	85228	1.44%	0.465%
21	11.225	1554	1559	1567	rVB4	32727	88625	1.50%	0.484%
22	11.414	1582	1590	1600	rBV	768520	1221195	20.61%	6.666%
23	11.633	1616	1626	1627	rBV3	44976	98919	1.67%	0.540%
24	11.664	1627	1631	1635	rVV2	60836	122004	2.06%	0.666%
25	11.926	1667	1674	1680	rBV4	52059	145356	2.45%	0.793%
26	12.402	1746	1752	1759	rBV2	536318	883162	14.90%	4.821%
27	12.566	1775	1779	1787	rVB5	35970	80762	1.36%	0.441%
28	12.731	1800	1806	1811	rVB5	42438	88724	1.50%	0.484%
29	13.347	1900	1907	1920	rVB	507790	849787	14.34%	4.638%
30	13.542	1933	1939	1945	rVB	52112	89843	1.52%	0.490%
31	13.664	1953	1959	1964	rBV4	57513	100039	1.69%	0.546%
32	14.042	2017	2021	2030	rVB	60608	114444	1.93%	0.625%
33	14.200	2039	2047	2056	rVB	144362	275150	4.64%	1.502%
34	14.310	2058	2065	2072	rVV2	80350	162329	2.74%	0.886%

Sum of corrected areas: 18320487

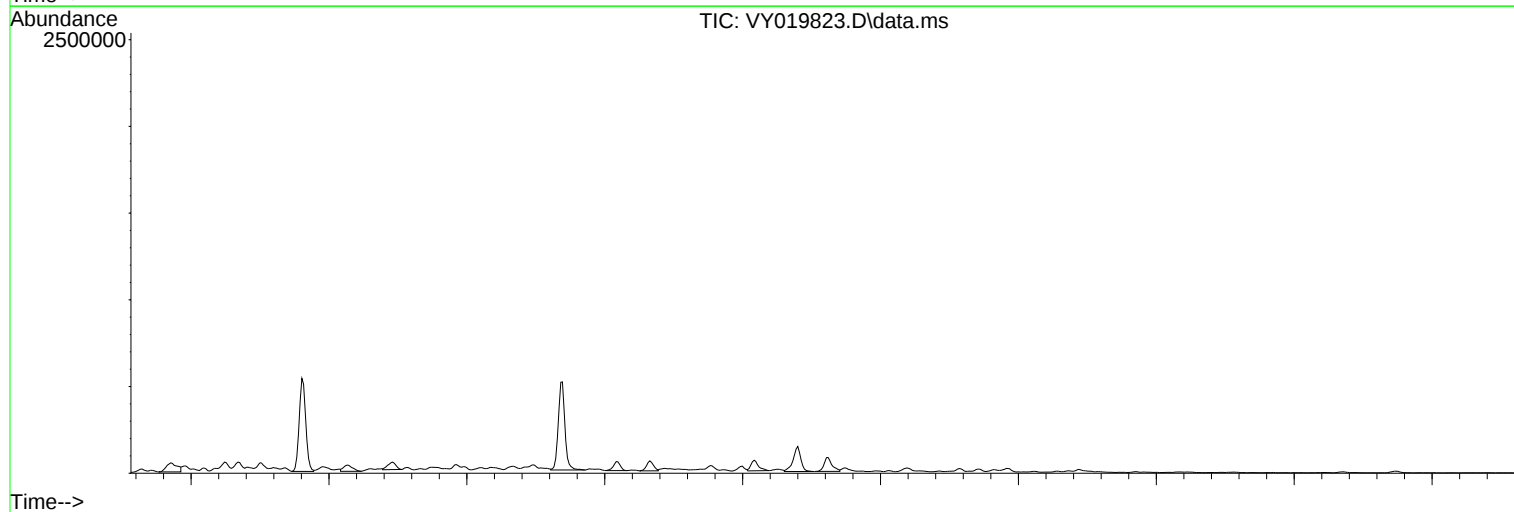
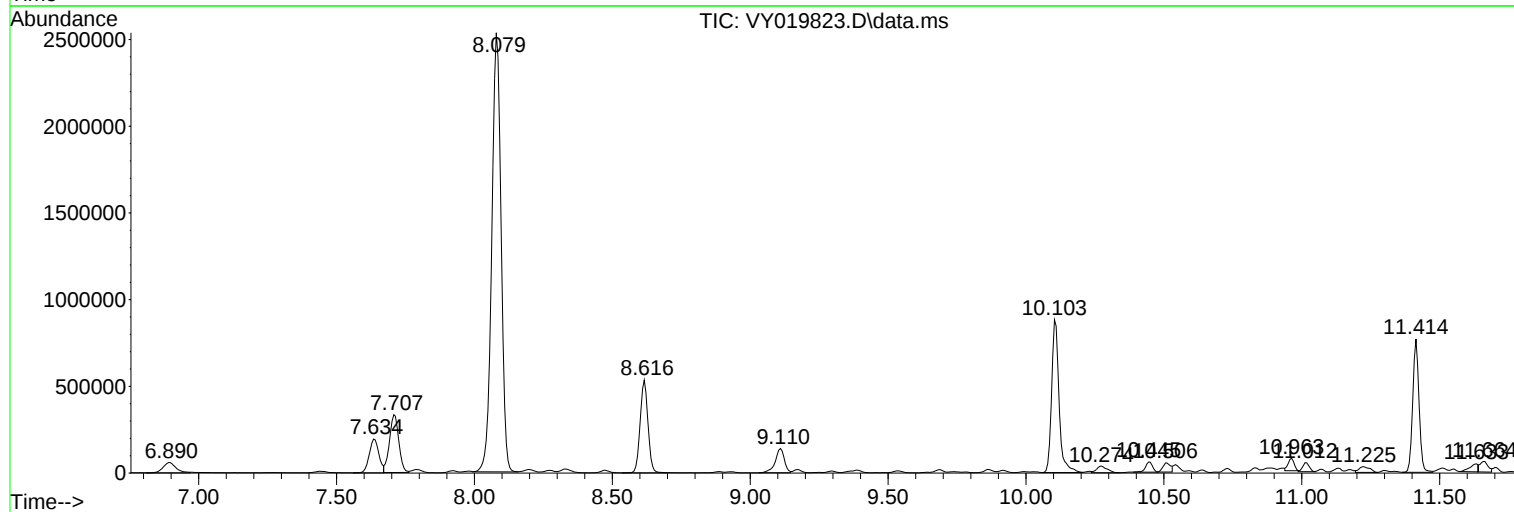
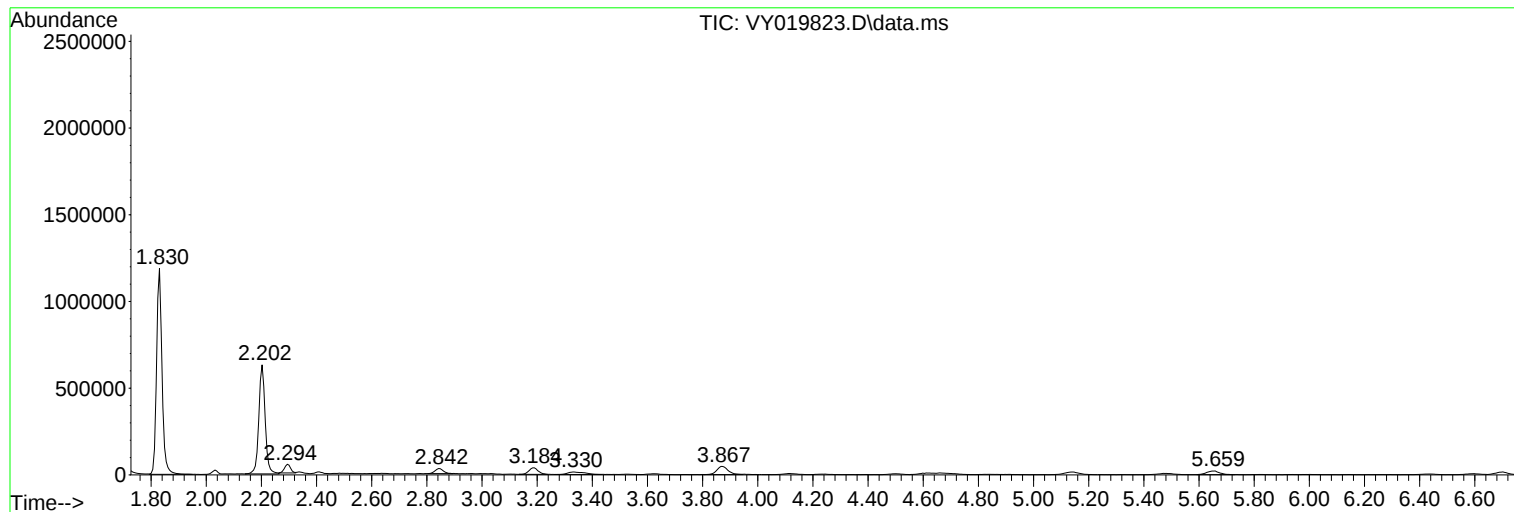
Instrument :
MSVOA_Y
ClientSampleId :
1B-7-VOC

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260

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



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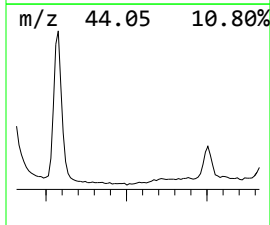
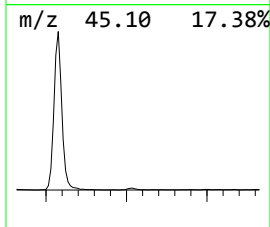
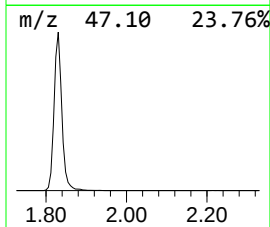
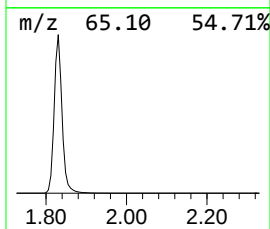
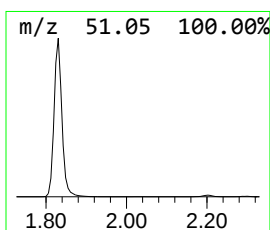
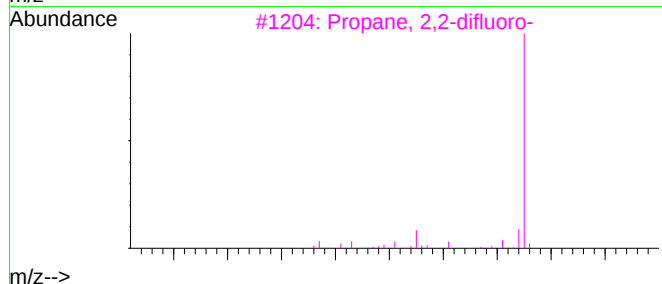
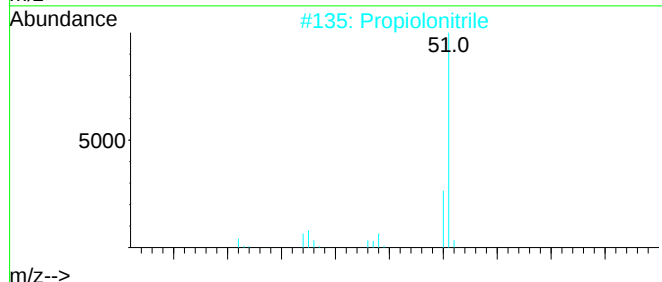
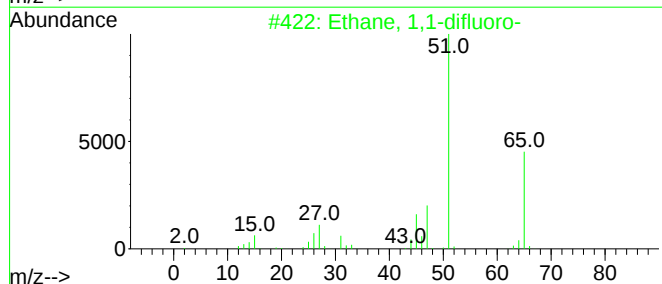
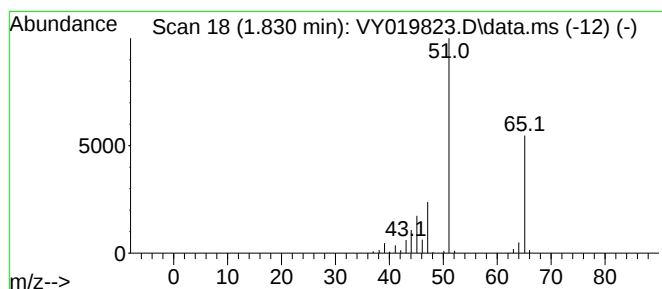
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260

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

Peak Number 1 Ethane, 1,1-difluoro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.830	104.38 ug/l	1624790	Pentafluorobenzene	7.713

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	91
2	Propionlonitrile	51	C3HN	001070-71-9	3
3	Propane, 2,2-difluoro-	80	C3H6F2	000420-45-1	2
4	Difluoromethane	52	CH2F2	000075-10-5	1
5	2-Chloroethanol	80	C2H5ClO	000107-07-3	1



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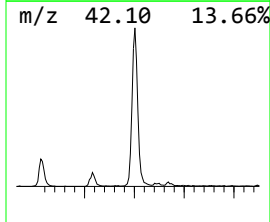
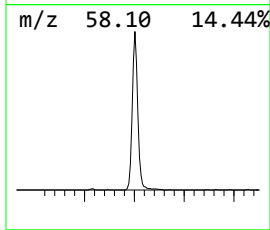
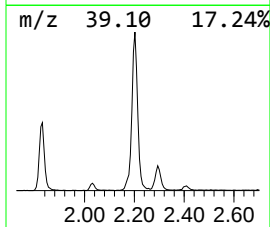
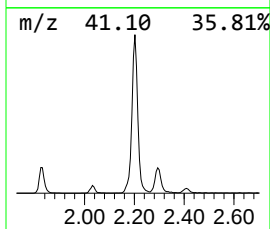
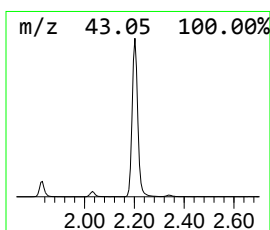
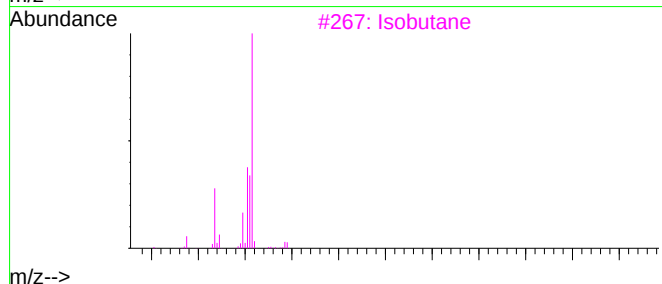
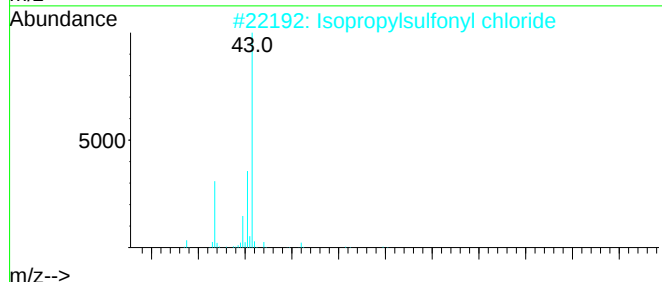
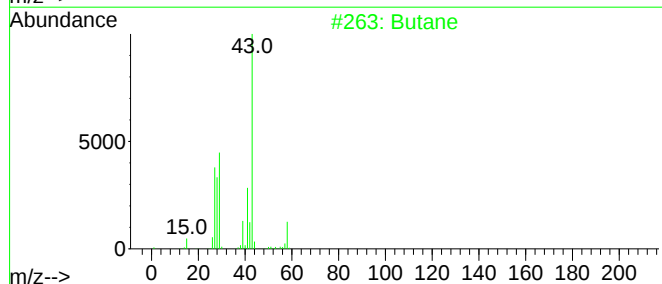
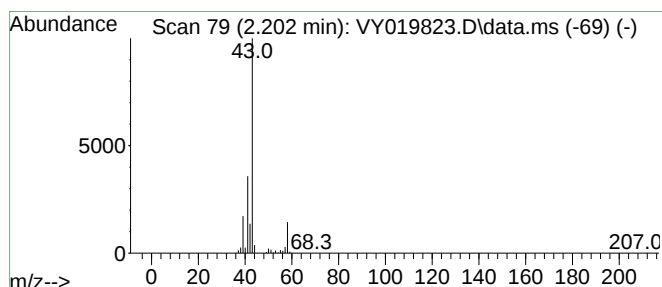
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260

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

Peak Number 2 Butane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.202	64.50 ug/l	1004080	Pentafluorobenzene	7.713

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane	58	C4H10	000106-97-8	80
2	Isopropylsulfonyl chloride	142	C3H7ClO2S	010147-37-2	9
3	Isobutane	58	C4H10	000075-28-5	9
4	Propane, 1-nitro-	89	C3H7NO2	000108-03-2	9
5	Acetone	58	C3H6O	000067-64-1	4



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ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
1B-7-VOC

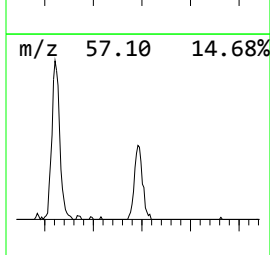
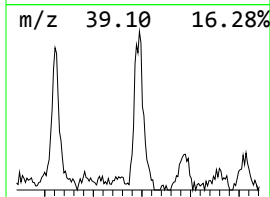
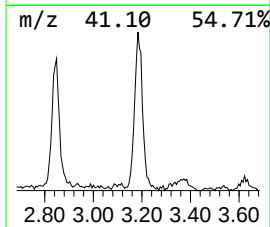
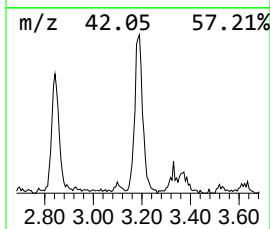
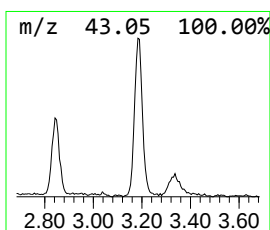
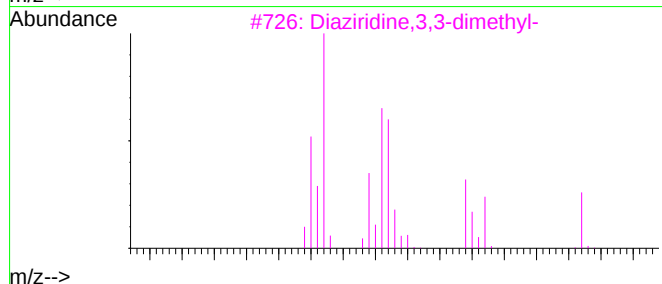
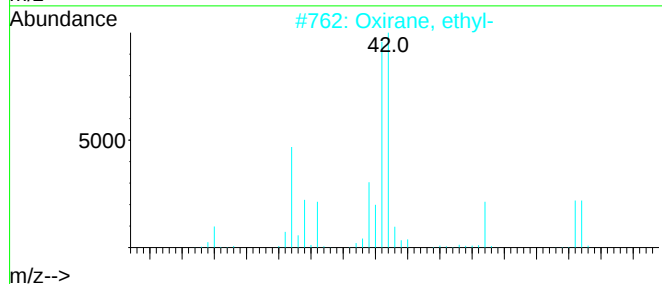
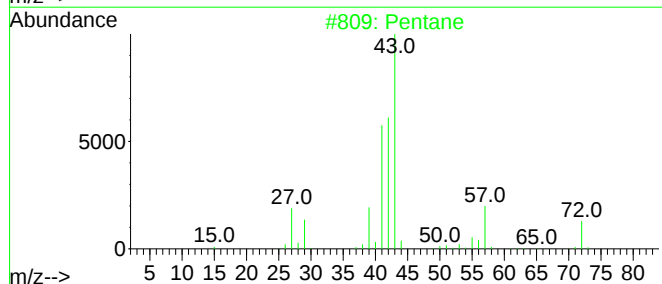
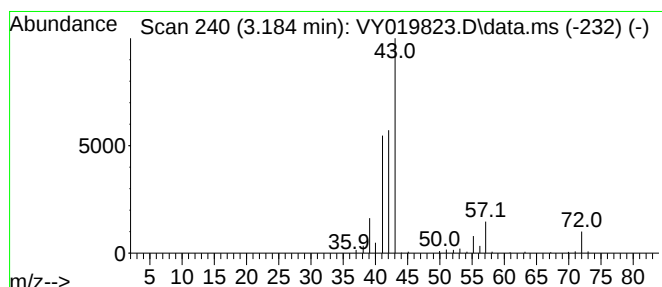
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260

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

Peak Number 3 Pentane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.184	5.66 ug/l	88078	Pentafluorobenzene	7.713

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	86
2	Oxirane, ethyl-	72	C4H8O	000106-88-7	42
3	Diaziridine,3,3-dimethyl-	72	C3H8N2	004901-76-2	32
4	Tetrahydrofuran	72	C4H8O	000109-99-9	9
5	2(3H)-Furanone, dihydro-4-methyl-	100	C5H8O2	001679-49-8	9



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Sample : P4340-03
Misc : 4.16g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
1B-7-VOC

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260

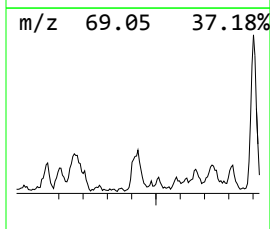
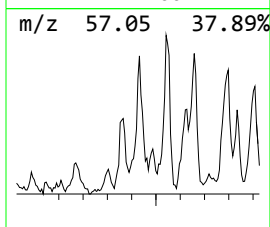
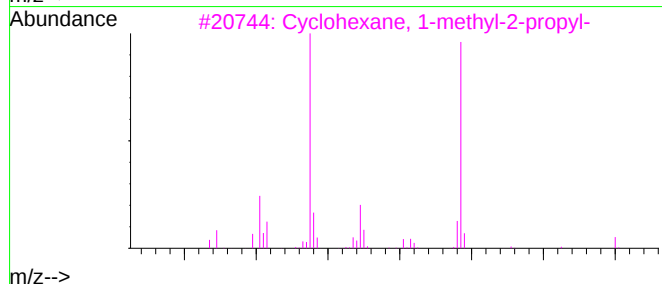
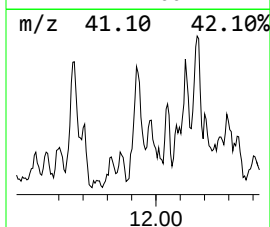
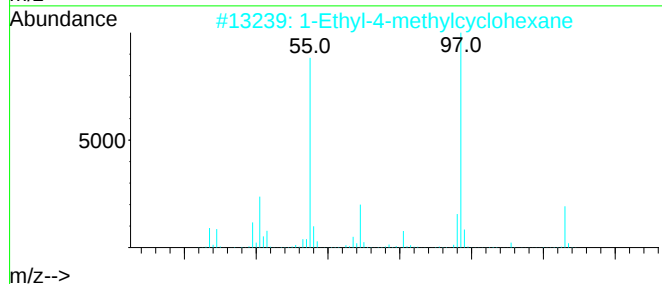
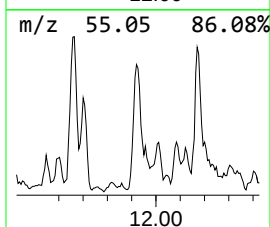
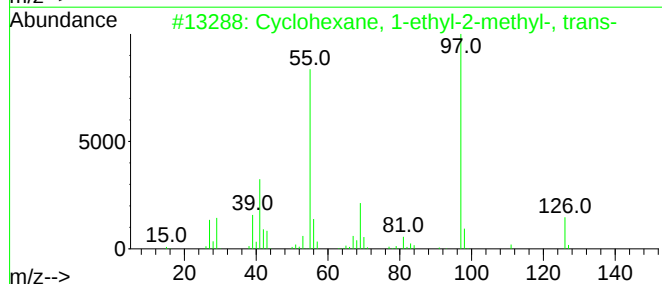
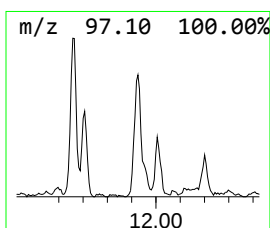
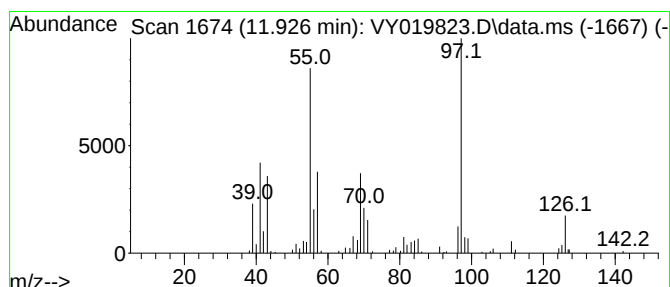
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 5 Cyclohexane, 1-ethyl-2-meth... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.926	5.95 ug/l	145356	Chlorobenzene-d5	11.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	74
2	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	70
3	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	59
4	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	59
5	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	58



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ALS Vial : 9 Sample Multiplier: 1

Instrument :
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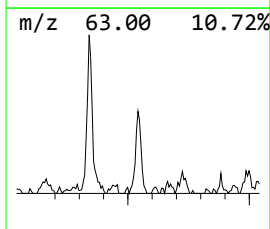
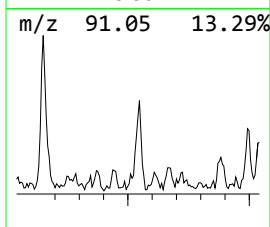
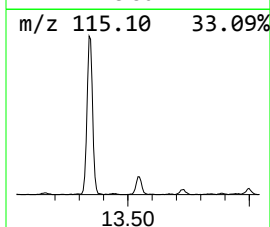
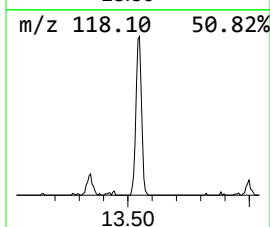
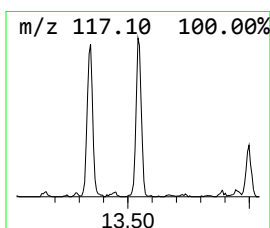
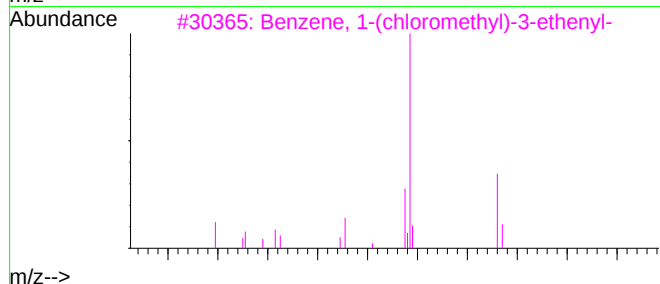
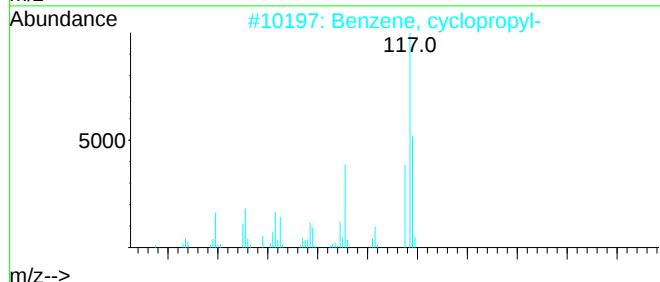
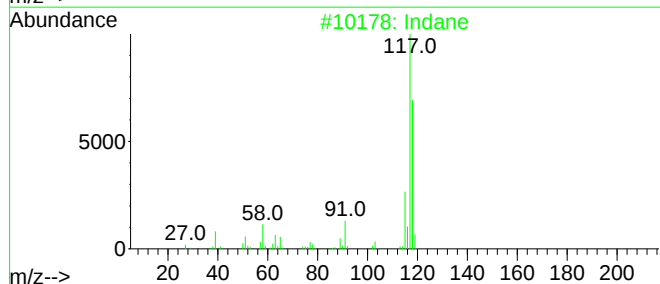
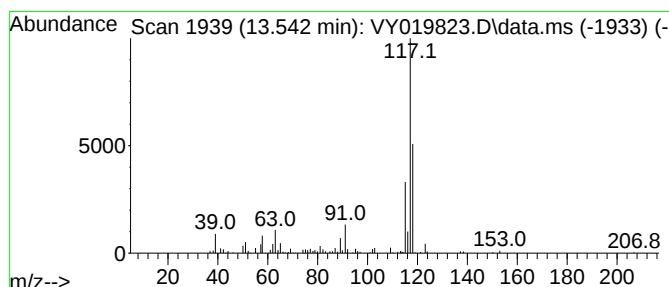
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Quant Title : SW846 8260

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

Peak Number 6 Indane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.542	5.29 ug/l	89843	1,4-Dichlorobenzene-d4	13.347

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
3	Benzene, 1-(chloromethyl)-3-ethe...	152	C9H9Cl	039833-65-3	59
4	Benzene, 1-(chloromethyl)-4-ethe...	152	C9H9Cl	001592-20-7	59
5	Indane-5-carboxylic acid	162	C10H10O2	065898-38-6	53



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Misc : 4.16g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
1B-7-VOC

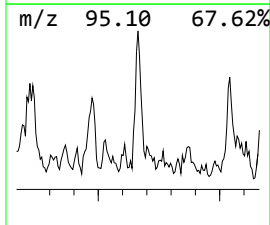
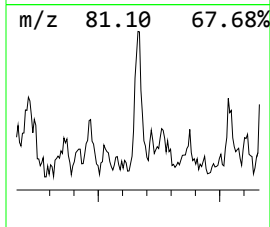
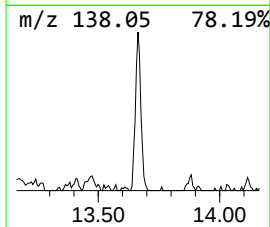
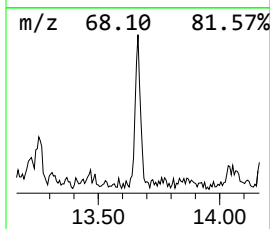
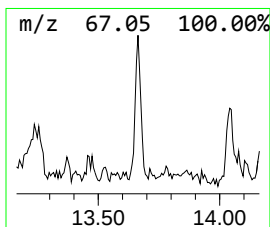
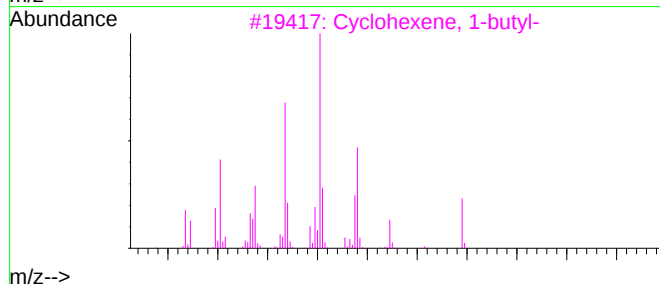
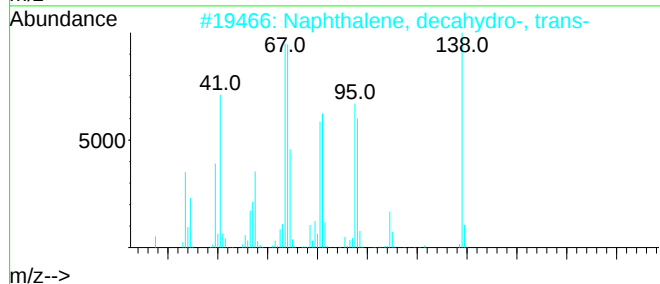
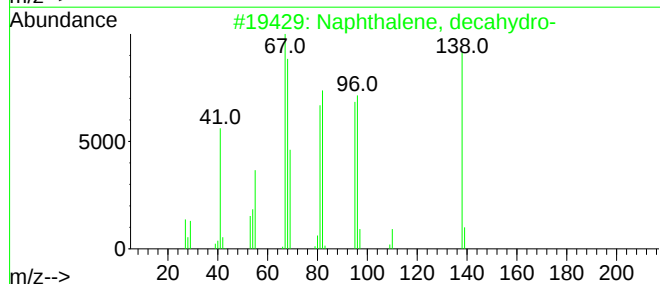
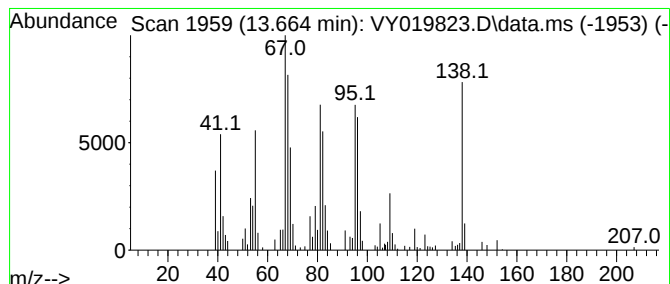
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 7 Naphthalene, decahydro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.664	5.89 ug/l	100039	1,4-Dichlorobenzene-d4		13.347	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-		138	C10H18	000091-17-8	96
2	Naphthalene, decahydro-, trans-		138	C10H18	000493-02-7	96
3	Cyclohexene, 1-butyl-		138	C10H18	003282-53-9	86
4	Cyclodecene		138	C10H18	003618-12-0	81
5	Naphthalene, decahydro-, cis-		138	C10H18	000493-01-6	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100824\
Data File : VY019823.D
Acq On : 08 Oct 2024 15:22
Operator : SY/MD
Sample : P4340-03
Misc : 4.16g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
1B-7-VOC

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260

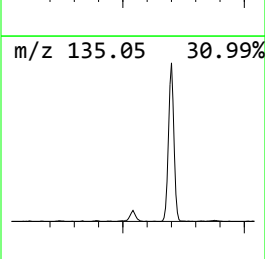
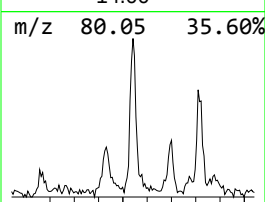
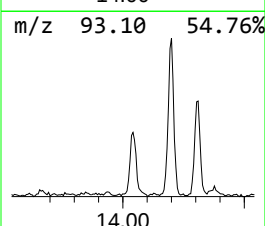
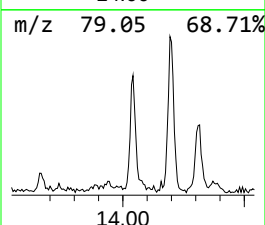
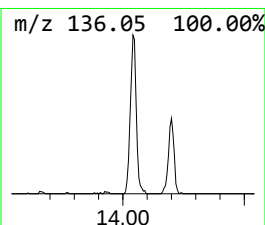
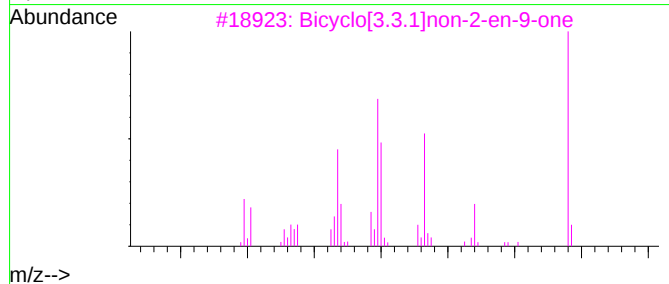
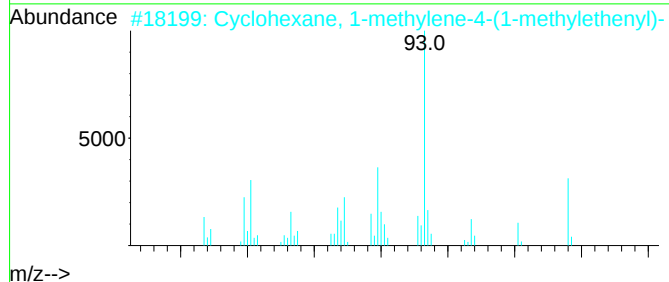
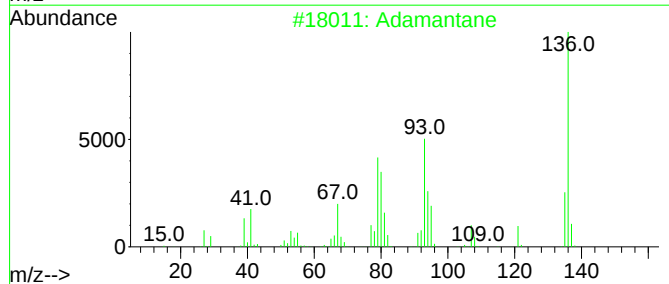
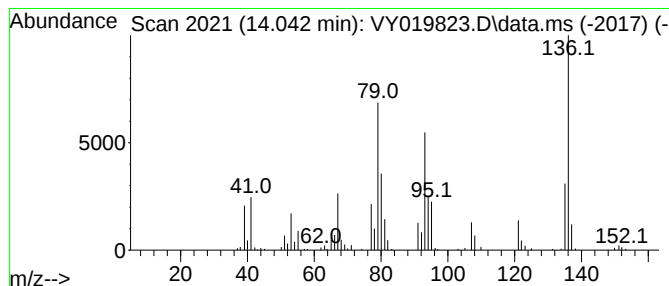
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 8 Adamantane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.042	6.73 ug/l	114444	1,4-Dichlorobenzene-d4	13.347

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Adamantane	136	C10H16	000281-23-2	97
2	Cyclohexane, 1-methylene-4-(1-me...	136	C10H16	000499-97-8	76
3	Bicyclo[3.3.1]non-2-en-9-one	136	C9H12O	004844-11-5	68
4	1H-Inden-1-one, 2,3,4,5,6,7-hexa...	136	C9H12O	022118-00-9	58
5	Tricyclo[4.4.0.0(2,8)]decane	136	C10H16	049700-59-6	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100824\
Data File : VY019823.D
Acq On : 08 Oct 2024 15:22
Operator : SY/MD
Sample : P4340-03
Misc : 4.16g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
1B-7-VOC

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260

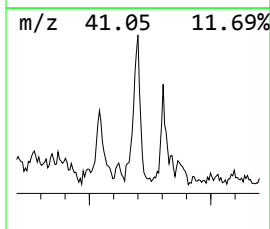
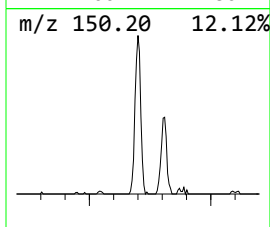
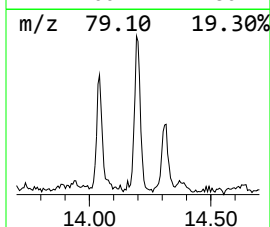
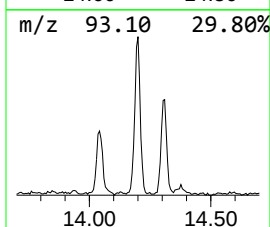
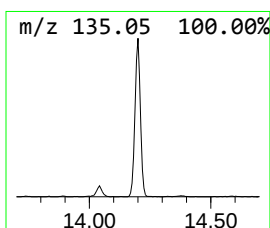
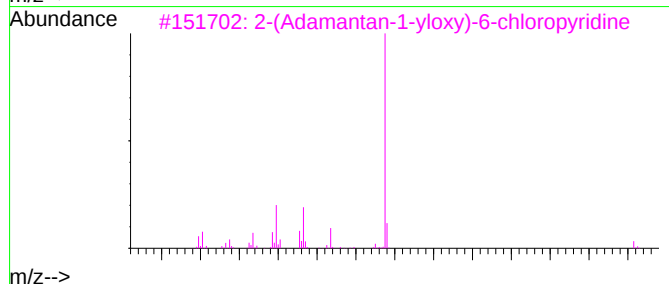
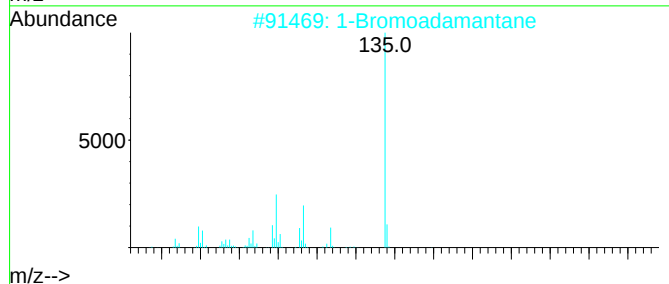
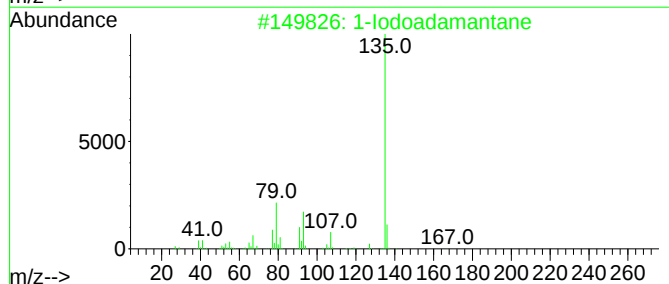
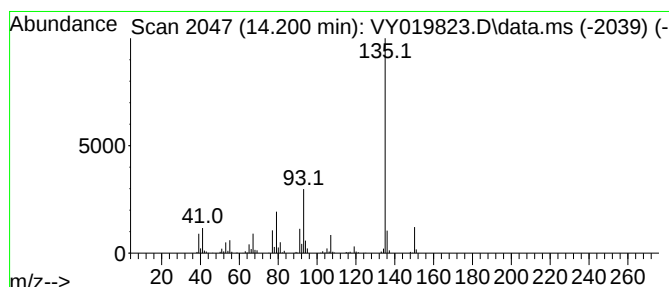
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 9 1-Iodoadamantane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.200	16.19 ug/l	275150	1,4-Dichlorobenzene-d4	13.347

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Iodoadamantane	262	C10H15I	000768-93-4	80
2	1-Bromoadamantane	214	C10H15Br	000768-90-1	80
3	2-(Adamantan-1-yloxy)-6-chloropy...	263	C15H18ClNO	1000411-33-6	80
4	1-Adamantanecarboxylic acid chlo...	198	C11H15ClO	002094-72-6	80
5	N-(3-Hydroxy-2,6-dimethyl-4-pyri...	300	C18H24N2O2	1000260-99-3	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100824\
Data File : VY019823.D
Acq On : 08 Oct 2024 15:22
Operator : SY/MD
Sample : P4340-03
Misc : 4.16g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
1B-7-VOC

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260

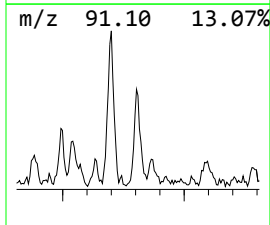
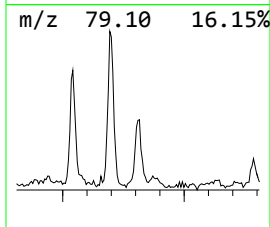
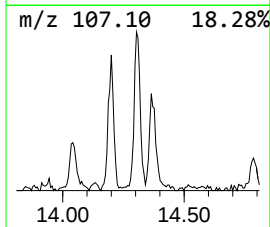
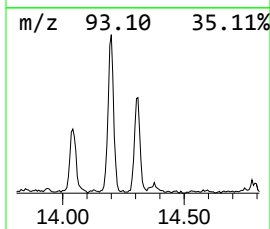
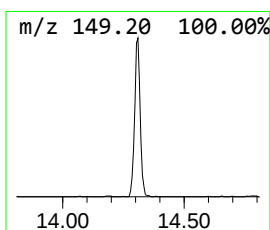
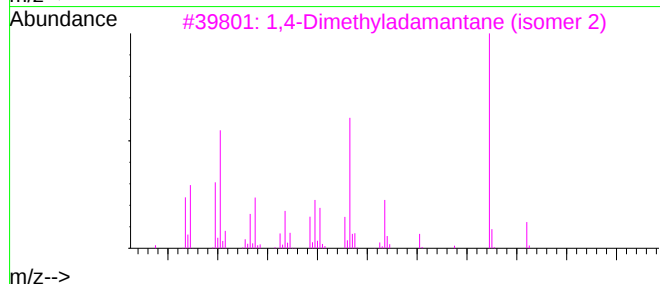
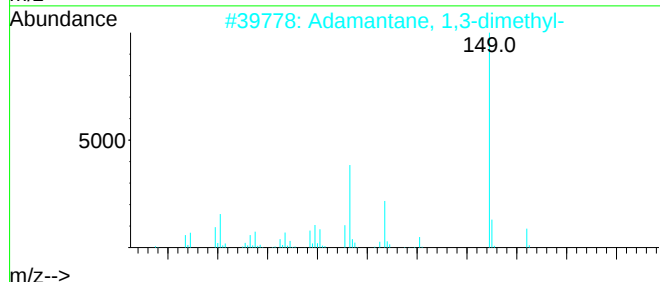
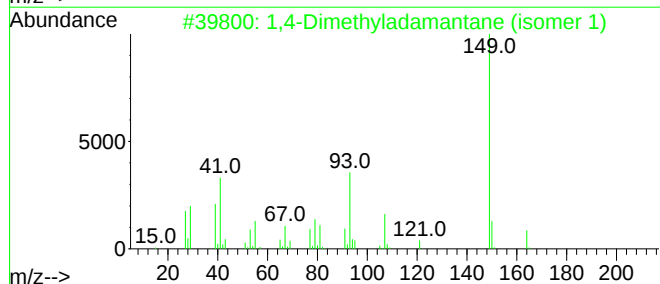
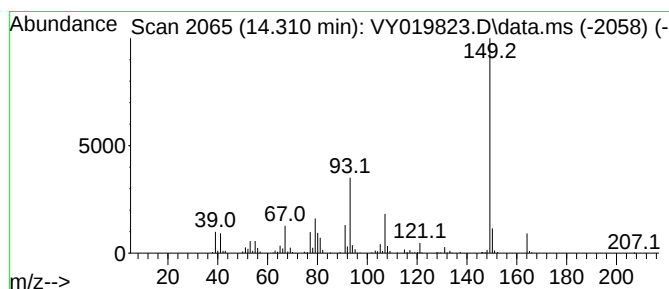
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 10 1,4-Dimethyladamantane (iso... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.310	9.55 ug/l	162329	1,4-Dichlorobenzene-d4	13.347

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dimethyladamantane (isomer 1)	164	C12H20	1000460-67-0	94
2	Adamantane, 1,3-dimethyl-	164	C12H20	000702-79-4	94
3	1,4-Dimethyladamantane (isomer 2)	164	C12H20	1000460-67-1	62
4	Pyridinium, 1-(acetylamino)-2,6-...	164	C9H12N2O	031020-35-6	53
5	2-(3-Methylbuta-1,3-dienyl)cyclo...	164	C11H16O	1000191-75-5	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100824\
Data File : VY019823.D
Acq On : 08 Oct 2024 15:22
Operator : SY/MD
Sample : P4340-03
Misc : 4.16g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
1B-7-VOC

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Ethane, 1,1-dif...	1.830	104.4	ug/l	1624790	1	7.713	778342	50.0
Butane	2.202	64.5	ug/l	1004080	1	7.713	778342	50.0
Pentane	3.184	5.7	ug/l	88078	1	7.713	778342	50.0
Cyclohexane, 1-...	11.926	6.0	ug/l	145356	3	11.414	1221200	50.0
Indane	13.542	5.3	ug/l	89843	4	13.347	849787	50.0
Naphthalene, de...	13.664	5.9	ug/l	100039	4	13.347	849787	50.0
Adamantane	14.042	6.7	ug/l	114444	4	13.347	849787	50.0
1-Iodoadamantane	14.200	16.2	ug/l	275150	4	13.347	849787	50.0
1,4-Dimethylada...	14.310	9.6	ug/l	162329	4	13.347	849787	50.0