

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022224\
 Data File : VD078521.D
 Acq On : 22 Feb 2024 16:58
 Operator : RP/MD
 Sample : P1538-12
 Misc : 5.02G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20241105-AMENDED-COMPOSITE-35N-N-4-04

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\82D021324S.M

Title : SW846 8260

Signal : TIC: VD078521.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.734	20	25	33	rVV	47469	69545	10.39%	1.631%
2	2.423	136	142	150	rBV	21731	40132	6.00%	0.941%
3	2.622	172	176	183	rBV	19748	45155	6.75%	1.059%
4	4.028	408	415	419	rBV	12307	28898	4.32%	0.678%
5	4.105	419	428	438	rVB2	150113	388407	58.06%	9.111%
6	4.269	445	456	471	rBV	68572	194160	29.02%	4.555%
7	4.805	536	547	558	rBV4	9823	25662	3.84%	0.602%
8	7.087	927	935	940	rBV5	4480	11134	1.66%	0.261%
9	7.810	1047	1058	1063	rBV2	37102	92816	13.87%	2.177%
10	7.875	1063	1069	1079	rVB3	129363	295346	44.15%	6.928%
11	8.234	1120	1130	1138	rBV	55498	129537	19.36%	3.039%
12	8.775	1214	1222	1234	rBV	213332	434219	64.90%	10.186%
13	8.975	1251	1256	1263	rBV5	4594	10422	1.56%	0.244%
14	10.269	1468	1476	1489	rBV	368159	642690	96.06%	15.076%
15	10.657	1538	1542	1550	rVB3	7387	11998	1.79%	0.281%
16	11.022	1599	1604	1610	rBV4	5968	10476	1.57%	0.246%
17	11.581	1691	1699	1709	rBV	396608	669031	100.00%	15.694%
18	12.575	1860	1868	1876	rBV	306128	497847	74.41%	11.678%
19	13.363	1996	2002	2010	rVB5	4579	9391	1.40%	0.220%
20	13.516	2018	2028	2035	rBV	415525	649372	97.06%	15.233%
21	14.045	2114	2118	2122	rVB2	5035	6790	1.01%	0.159%

Sum of corrected areas: 4263028

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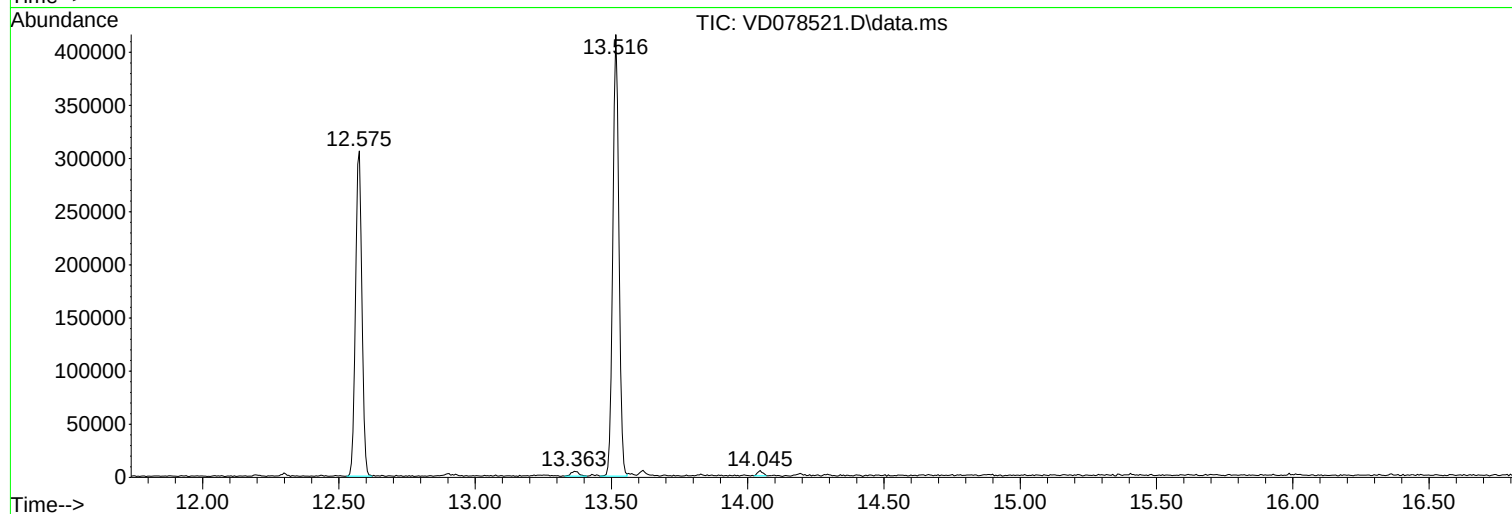
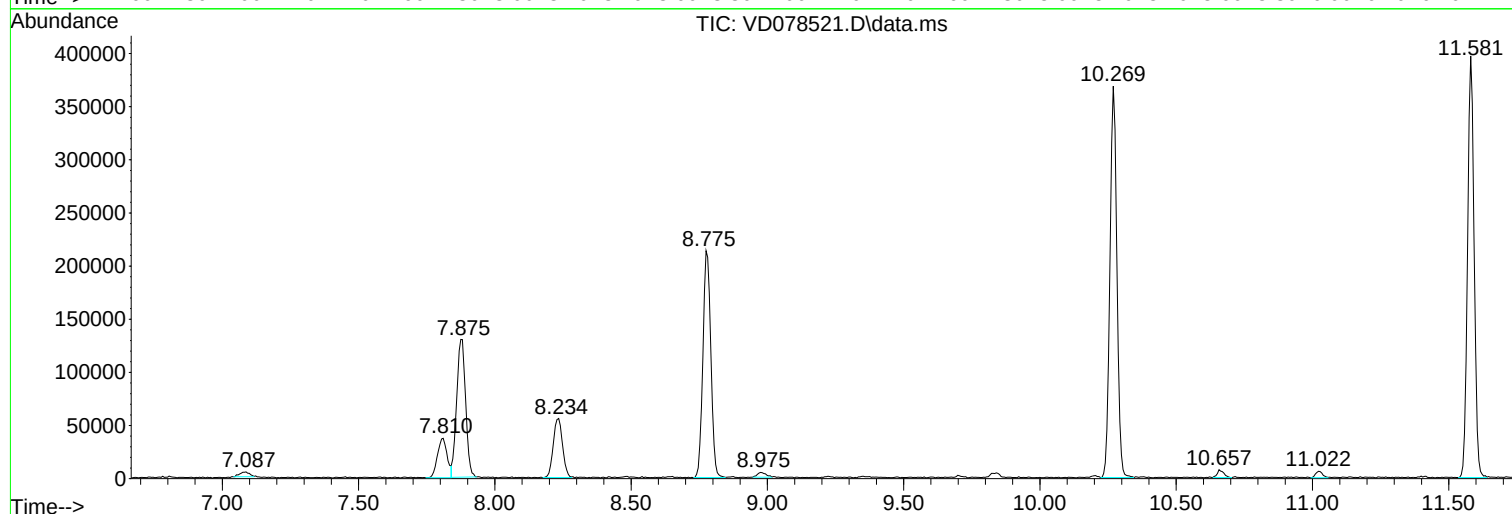
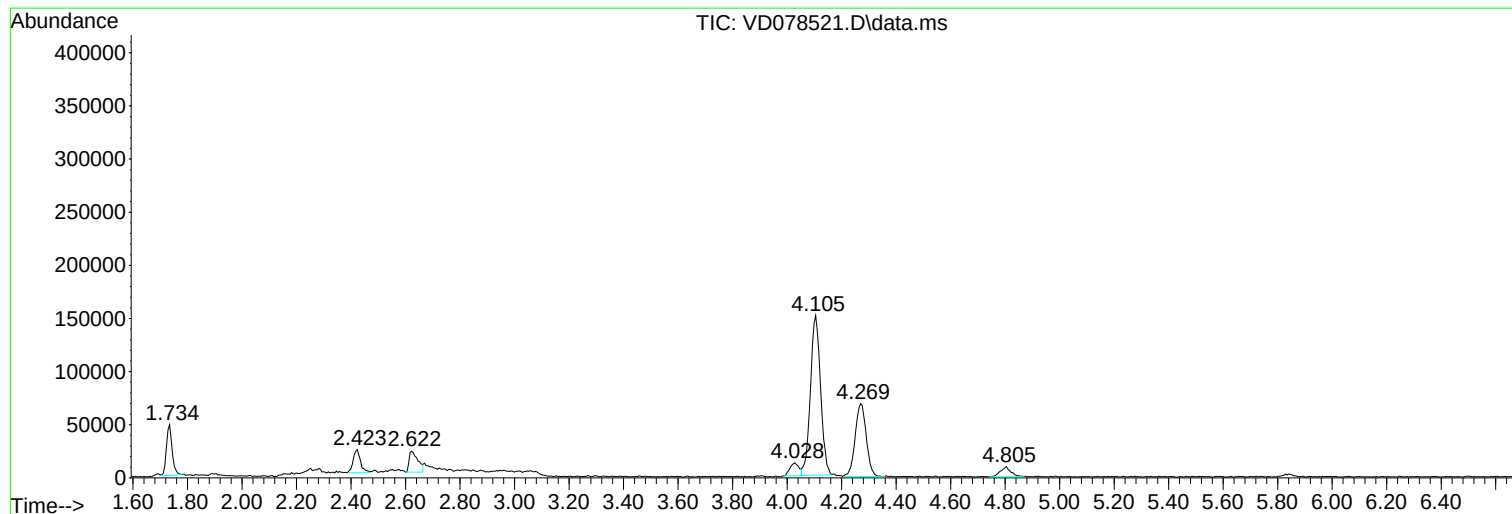
20241105-AMENDED-COMPOSITE-35N-N-4-04

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.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\82D021324S.M

Quant Title : SW846 8260

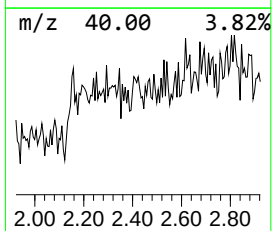
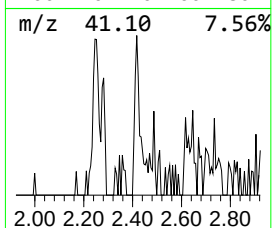
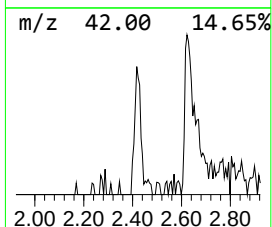
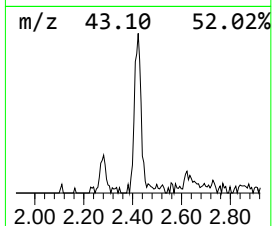
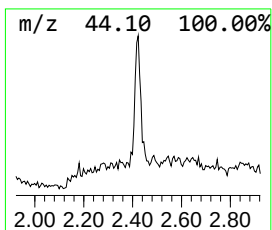
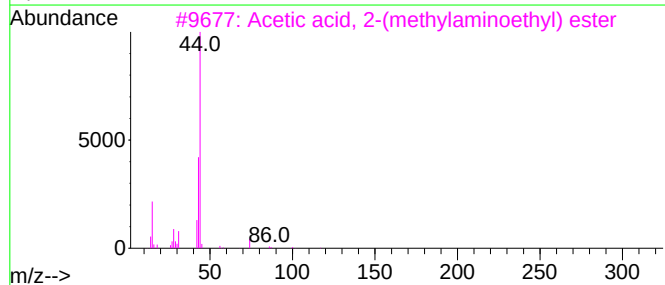
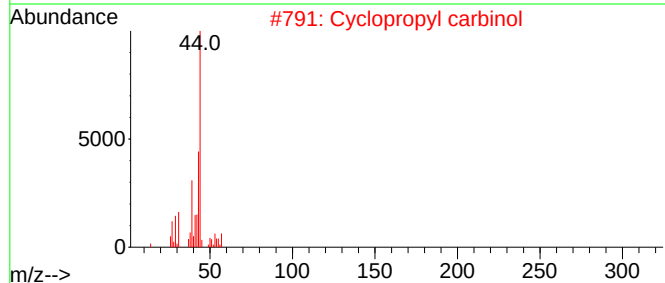
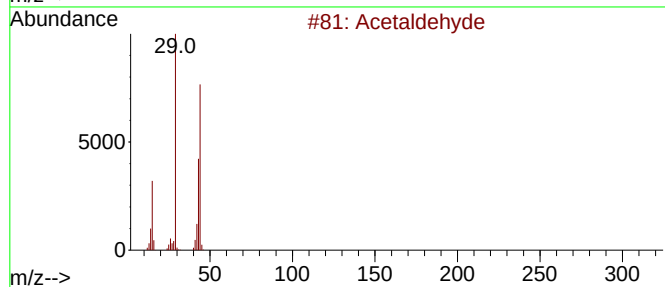
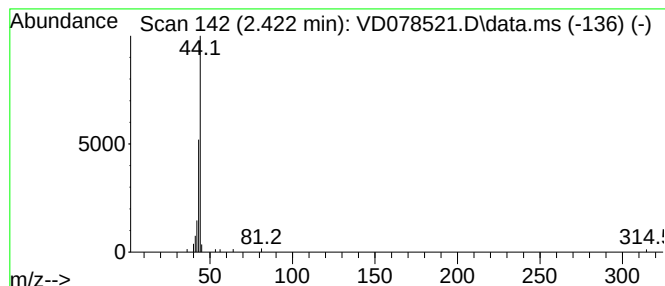
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 2 Acetaldehyde Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.422	6.79 ug/l	40132	Pentafluorobenzene	7.881

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetaldehyde	44	C2H4O	000075-07-0	78
2			Cyclopropyl carbinol	72	C4H8O	002516-33-8	9
3			Acetic acid, 2-(methylaminoethyl)...	117	C5H11NO2	026921-43-7	9
4			Ethylene oxide	44	C2H4O	000075-21-8	5
5			Propane	44	C3H8	000074-98-6	4



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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M

Quant Title : SW846 8260

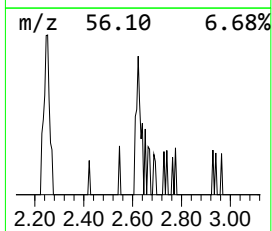
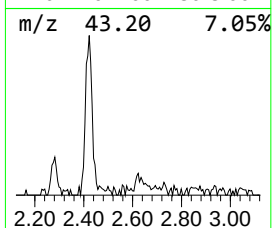
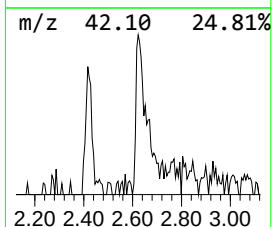
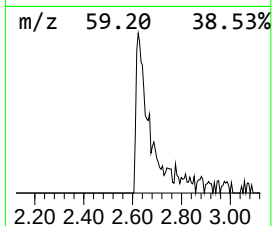
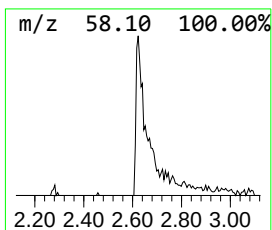
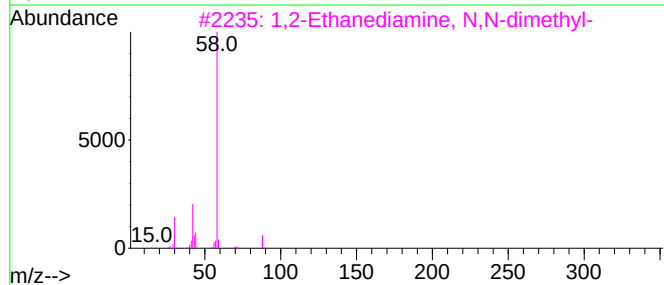
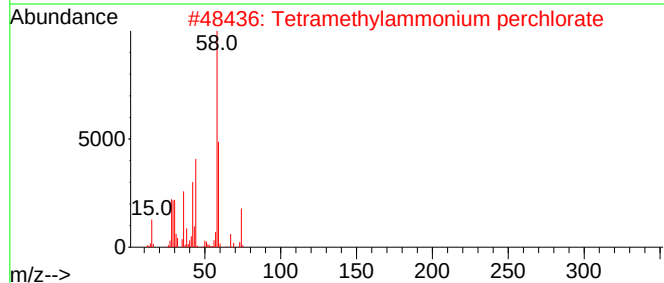
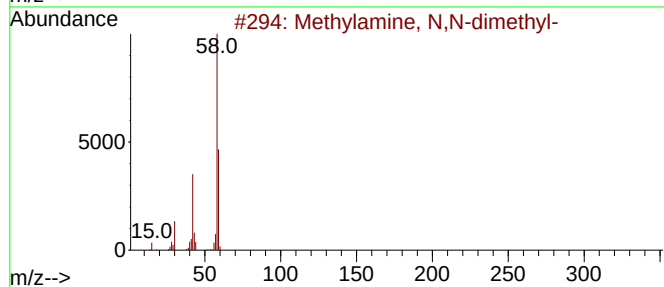
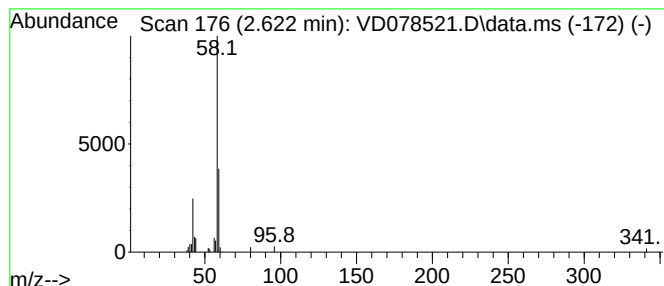
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 3 Methylamine, N,N-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.622	7.64 ug/l	45155	Pentafluorobenzene	7.881

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methylamine, N,N-dimethyl-	59	C3H9N	000075-50-3	86
2			Tetramethylammonium perchlorate	173	C4H12ClNO4	002537-36-2	43
3			1,2-Ethanediamine, N,N-dimethyl-	88	C4H12N2	000108-00-9	36
4			Propylamine	59	C3H9N	000107-10-8	9
5			Sulfur trioxide trimethylamine c...	139	C3H9NO3S	003162-58-1	9



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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M

Quant Title : SW846 8260

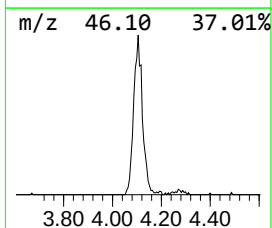
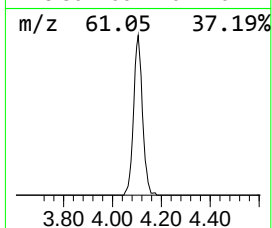
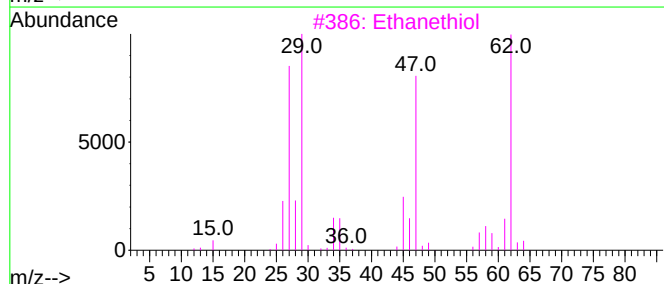
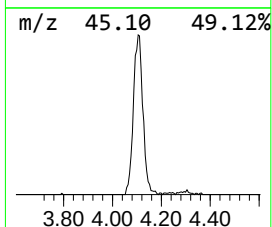
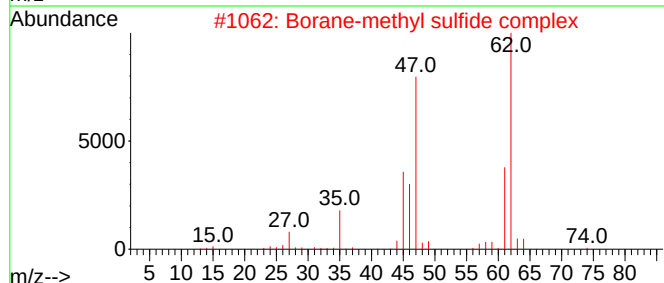
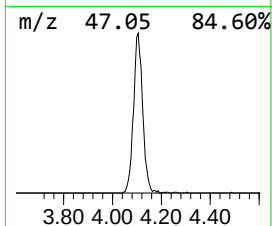
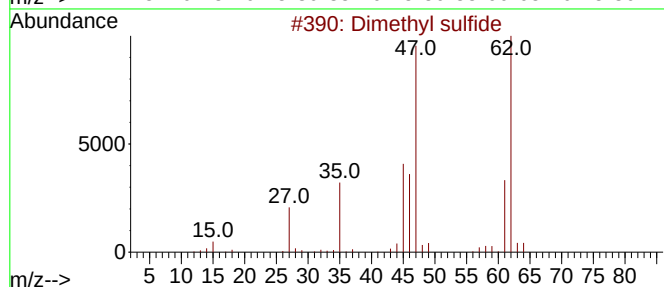
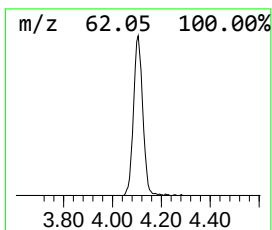
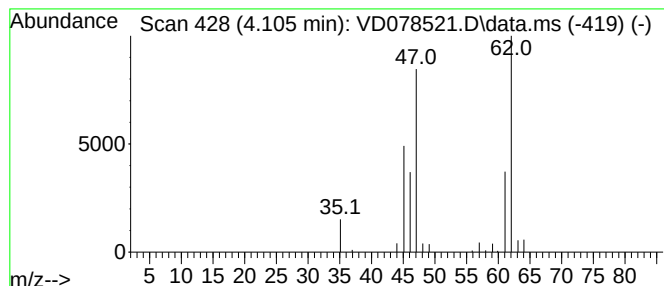
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 4 Dimethyl sulfide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.105	65.75 ug/l	388407	Pentafluorobenzene	7.881

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dimethyl sulfide	62	C2H6S	000075-18-3	94
2			Borane-methyl sulfide complex	76	C2H9BS	013292-87-0	91
3			Ethanethiol	62	C2H6S	000075-08-1	86
4			Ethene, chloro-	62	C2H3Cl	000075-01-4	53
5			Phosphine, ethyl-	62	C2H7P	000593-68-0	5



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ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.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
Acetaldehyde	2.422	6.8	ug/l	40132	1	7.881	295346	50.0
Methylamine, N,...	2.622	7.6	ug/l	45155	1	7.881	295346	50.0
Dimethyl sulfide	4.105	65.8	ug/l	388407	1	7.881	295346	50.0